



AGENDA

CITY COMMISSION MEETING
MONDAY, MAY 11, 2026 AT 5:30 PM
CITY HALL, PIGEON FORGE, TENNESSEE

Pledge

1. Call to Order - Roll Call
2. Approval of Minutes
3. Public Comments from Citizens
4. Bill Authorization

Old Business

5. **Ordinance No. 2026-1192** — an ordinance to amend the zoning map of Pigeon Forge by rezoning Parcel 049.02 of Sevier County Tax Map 093, located on Russie Gap Road from the R-1 district to R-2 District — second reading

New Business

6. **Resolution No. 2026-970** — a resolution to update the City of Pigeon Forge Social Media and Internet Posting policy based on a policy update produced and recommended by MTAS — Nathan Rowell
7. Discussion and consideration for approval to purchase communication equipment from Land Air Total Communications in the amount of \$211,878.48 utilizing the Sevier County Multi-Protocol Digital Radio and Services bid contract.
- Josh Carr
8. Discussion and consideration for approval for payment of the Middle Creek Lift Station force main break bypass pump and piping installations/rental. — Brad Brummett
9. Discussion and consideration for approval to purchase a Dell Poweredge R660 Server from Insight Public Sector utilizing the Omnia Partners Contract — Rob Ogle
10. Discussion and consideration for approval to purchase a Pure Storage Flash Array/RC20 - Flash Storage Array with 3-year Support Subscription from Insight Public Sector Utilizing the Omnia Partners Contract — Rob Ogle

11. Discussion and consideration for approval to accept an annual grant from Appalachia HIDTA for \$19,000. - Richie Catlett
12. Discussion and consideration for approval to award the Gym Equipment Bid to Design2Wellness, LLC for being the low bidder at \$92,082.95 - Richie Catlett

Administrative Report

Commissioner's Report

Adjournment

David W. Wear, City Manager

c: Board of Commissioners
Nathan Rowell, City Attorney
The Mountain Press,
The Knoxville News Sentinel, Sevier News Messenger,
WSEV, WIVK

Agenda Memorandum



CITY COMMISSION

Meeting Date: 5/11/26

Submitted by: David Taylor

Department: Community Development

Item Caption: Russie Gap is a request to rezone 4.03 acres (Tax Map 093, Parcel 049.02) from R-1 to R-2. The parcel is adjacent to Covered Bridge Resort and annexed in 2024 with the intent of becoming a part of the existing PUD. Utilities will be private and connect with the existing water and sewer inside the resort. The Planning Commission reviewed the request at the March 24th meeting and recommend in favor of the rezoning.



Attachments: 2



Action Requested: Recommend Approval



Financial Summary

☐

Budgeted Expense

Account Details:

☐

Unbudgeted Expense

Details:

☒

Not Applicable

ORDINANCE NO. 2026 – 1192

**AN ORDINANCE TO AMEND THE ZONING MAP OF
PIGEON FORGE, TENNESSEE BY REZONING
PARCEL 049.02 OF SEVIER COUNTY TAX MAP 093,
LOCATED ON RUSSIE GAP ROAD, FROM THE R-1
(LOW DENSITY RESIDENTIAL) DISTRICT TO R-2
(HIGH DENSITY RESIDENTIAL) DISTRICT.**

BE IT ORDAINED, by the Mayor and Board of Commissioners of the City of Pigeon Forge, Tennessee, that:

SECTION 1. The zoning map of Pigeon Forge, Tennessee shall be amended to reflect the rezoning of Parcel 049.02 of Sevier County Tax Map 093 from the R-1 (Low Density Residential) District, to R-2 (High Density Residential) District, as shown on the attached map. The property is located on Russie Gap Road, encompassing approximately 4.03 acres.

SECTION 2. This ordinance shall take effect 15 days after its final passage, the public welfare requiring it.

APPROVED: _____
Mayor

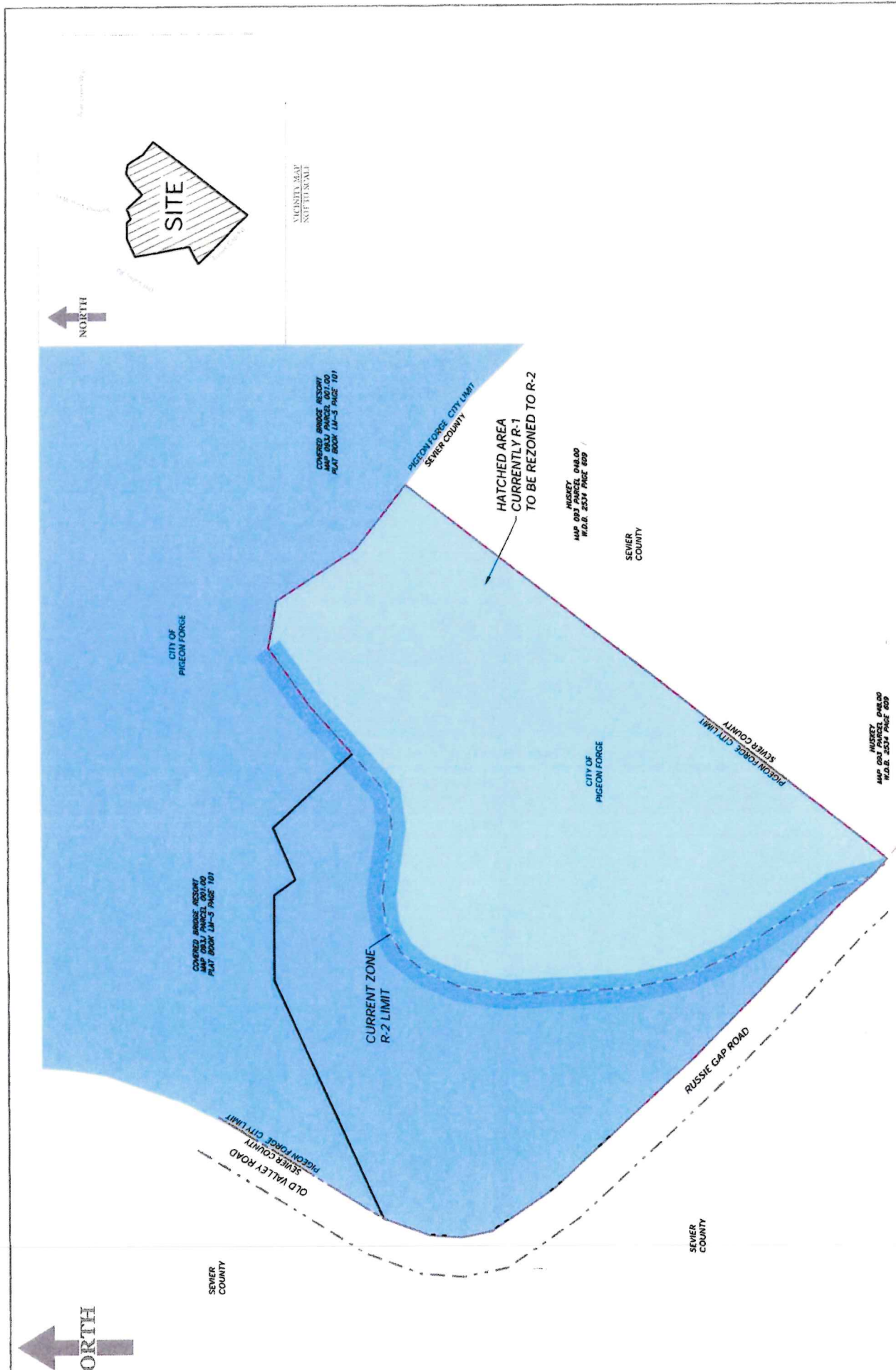
ATTEST: _____
City Recorder

APPROVED AS TO FORM: _____

Passes by Planning Commission: March 24, 2026

Passed on First Reading: April 13, 2026

Passed on Second Reading: _____



ASCENT
ENGINEERING & SURVEYING
20101 GORDON ROAD, SUITE 100
PINE BLUFF, AR 71601
PH: 501-261-0101
WWW.ASCENT-AR.com

MADE FOR:
CAPITAL INVESTMENT
PARTNERS, LLC
320 PICKEL ST
PIGEON FORGE, TN

DATE: 11/11/2016
DRAWN BY: JLP
CHECKED BY: GJM
SCALE: 1"=400'

REZONING EXHIBIT

RUSSIE GAP ROAD
PIGEON FORGE, TN

**MINUTES OF
CITY COMMISSION MEETING
MONDAY, APRIL 27, 2026, 5:30 P.M.
CITY HALL, PIGEON FORGE, TENNESSEE**

Mayor McClure called the meeting to order with the following in attendance: Vice Mayor Ogle, Commissioner Adams, Commissioner Watts, Commissioner Whaley, City Manager Wear, Assistant City Manager Brackins, City Recorder Clabo, and interested citizens.

Mayor McClure opened the meeting and Vice Mayor Ogle led in the pledge of allegiance.

REGULAR MEETING

The minutes were unanimously approved following motion by Vice Mayor Ogle and second to motion by Commissioner Watts.

Mayor McClure asked if there were any comments from citizens.

No comments were received.

The authorization for the payment of bills was presented for approval. On a motion by Commissioner Watts, second by Commissioner Adams, it was unanimously approved to accept the bills as presented.

Old Business

Ordinance No. 2026-1193 to abandon .27 acres of R.O.W. located along the City Hall Campus Property formerly known as Estate Street and said R.O.W./acres is hereby incorporated into the TKC Hospitality 1, LLC tract was presented for approval. City Attorney Rowell presented. On a motion by Commissioner Whaley, second by Commissioner Watts, and with all voting "aye" the motion was approved on the second reading.

New Business

Discussion and consideration for approval of CDM Smith's proposal to prepare a traffic study for Huskey Street between Cates Lane to the west and the parkway to the east was presented for approval. Kevin Cole with CDM Smith presented and recommended the study in the amount of \$17,500. On a motion by Commissioner Adams, second by Vice Mayor Ogle, it was unanimously approved to accept the proposal as presented.

Discussion and consideration for approval of a contract with Pugh CPAs for the 2025-2026 fiscal year audit was presented for approval. City Recorder Clabo presented and recommended the contract in the amount of \$99,000. On a motion by Commissioner Whaley, second by Vice Mayor Ogle, it was unanimously approved to accept the contract as presented.

Discussion and consideration for approval to accept the SUDC grant from the Tennessee Department of Environment and Conservation was presented for approval. Will Littlejohn with Cannon & Cannon presented and recommended the grant in the amount of \$399,900. On a motion by Commissioner Adams, second by Commissioner Whaley, it was unanimously approved to accept the grant as presented.

Discussion and consideration for approval to proceed with an artist contract for the July 3rd Patriot Festival in the amount of \$25,000 was presented for approval. Special Events Manager Barnhart presented. On a motion by Vice Mayor Ogle, second by Commissioner Watts, it was unanimously approved to accept the contract as presented.

Discussion and consideration for approval to repave the Riverwalk Trail from the municipal parking lot at The Island to the pedestrian bridge at the The LeConte Center/Holiday Inn was presented for approval. Assistant Director of Parks Garner presented and recommended the paving in the amount of \$51,300. On a motion by Commissioner Whaley, second by Commissioner Watts, it was unanimously approved to accept the request as presented.

Discussion and consideration for approval to accept the 100% cybersecurity grant through the State of Tennessee utilizing Department of Homeland Security funds from "fiscal year 2024 state and local cybersecurity grant program" was presented for approval. Assistant Finance Director Baiamonte presented. On a motion by Commissioner Watts, second by Commissioner Adams, it was unanimously approved to accept the grant as presented.

Discussion and consideration for approval to apply for the 2026-2027 FTA/TDOT 5311 program grant that would be used to purchase one replacement trolley and a warranty service agreement with Connexionz was presented for approval. Mass Transit Director Wilhoite and noted that the grant was in the amount of \$993,087 (federal - \$433,494; state - \$393,700; and local - \$165,893). On a motion by Commissioner Whaley, second by Commissioner Adams, it was unanimously approved to accept the grant as presented.

Discussion and consideration to award work to the lowest bidder, Summit Waterproofing, Inc. in the amount of \$107,000 for removing failing caulk and placing approximately 4,160 feet of new silicone at the LeConte Center was presented for approval. LeConte Center Director Campbell presented. On a motion by Vice Mayor Ogle, second by Commissioner Watts, it was unanimously approved to accept the bid as presented.

Discussion and consideration for approval of the 2026 city maintenance agreement with the State of Tennessee was presented for approval. City Manager Wear presented. It was noted that the agreement was 24 months in the amount of \$209,496.78. On a motion by Commissioner Whaley, second by Commissioner Adams, it was unanimously approved to accept the agreement as presented.

Manager's report included the following:

1. Police Chief Catlett mentioned that the National Association of SROs has awarded the Pigeon Forge Police Department as one of eleven agencies nationwide that is recognized as a model agency.

Mayor McClure asked for comments from the board.

Having no comments received, the meeting was duly adjourned at 5:50 p.m.

APPROVED: _____
MAYOR

ATTEST: _____
CITY RECORDER



City of Pigeon Forge

Receipt Register - Abridged

POPKT06199 - 2026 5-12 CC

Vendor						Vendor Amount
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount
<u>00570 - A & W Office Supply</u>						297.29
2607214	INV-10088097	General Fund	05/12/2026	Office Supplies	110-44410-310 - Community Center - Office Supplies	246.69
	INV-10088548	General Fund	05/12/2026	Office Supplies	110-44410-310 - Community Center - Office Supplies	50.60
<u>16720 - Ace Mitchell Bowlers Mart</u>						5,749.54
2606604	700326401	General Fund	05/12/2026	Bowling Pro Shop Resale Items	110-44410-350 - Community Center - Items For Resale	292.24
2606887	700327267	General Fund	05/12/2026	Resale Pro Shop Items	110-44410-350 - Community Center - Items For Resale	689.65
	700327750	General Fund	05/12/2026	Resale Pro Shop Items	110-44410-350 - Community Center - Items For Resale	131.55
	700330120	General Fund	05/12/2026	Resale Pro Shop Items	110-44410-350 - Community Center - Items For Resale	146.12
2606922	700328091	General Fund	05/12/2026	Lane Machine Parts	110-44410-333 - Community Center - Equipment Parts	727.85
	700334411	General Fund	05/12/2026	Lane Machine Parts	110-44410-333 - Community Center - Equipment Parts	13.20
2607236	700332010	General Fund	05/12/2026	Bowling Pro Shop Resale Items	110-44410-350 - Community Center - Items For Resale	124.13
	700332034	General Fund	05/12/2026	Bowling Pro Shop Resale Items	110-44410-350 - Community Center - Items For Resale	2,056.23
	700332337	General Fund	05/12/2026	Bowling Pro Shop Resale Items	110-44410-350 - Community Center - Items For Resale	541.06
2607372	700334049	General Fund	05/12/2026	Pro Shop Resale Items for Bowling Center	110-44410-350 - Community Center - Items For Resale	1,027.51
<u>20429 - Ace Outdoors Inc</u>						400.00
2607158	000306	General Fund	05/12/2026	Arbor Day Tree	110-44710-265 - Parks Maintenance - Maint. - Grounds	150.00
2607247	000307	General Fund	05/12/2026	Replacement memorial trees at Wear Farm	110-44710-265 - Parks Maintenance - Maint. - Grounds	250.00
<u>00622 - Advance Auto Parts</u>						36.00
2607363	5331524507	General Fund	05/12/2026	50' Washer fluid hose	110-43170-329 - Fleet Maintenance - Other Operating Supplies	36.00
<u>20852 - AG-Pro LLC - Knoxville</u>						190.23
2606628	P00103	General Fund	05/12/2026	FUEL PUMP & SEAT BRACKET 764 PD	110-14130 - Inventory Of Material	118.03
2606792	P00534	General Fund	05/12/2026	SEAT BUSHING 764E PD	110-14130 - Inventory Of Material	13.72
2607320	P02087	General Fund	05/12/2026	Spindle	110-44710-333 - Parks Maintenance - Equipment Parts	58.48
<u>21130 - Alcoa Good Times Inc</u>						1,125.82
2607519	RO #55436	General Fund	05/12/2026	Repair Unit 801E	110-42100-261 - Police - Maint. - Vehicles	1,125.82
<u>01150 - Amazon Capital Services Inc</u>						1,480.54
2606733	1F7J-XJKJ-9JL3	General Fund	05/12/2026	Opti-2 Two Cycle Oil	110-44710-331 - Parks Maintenance - Gas	165.06
2607025	1CMR-3HVV-TPCY	General Fund	05/12/2026	Fire and Emergency Service Company Officer Book	110-42200-148 - Fire - Emp. Education & Training	128.24
2607055	1VY-TG94-LGQW	General Fund	05/12/2026	Ash Bucket for WFP Grills/Trimmer Head	110-44710-333 - Parks Maintenance - Equipment Parts	35.74
2607073	INV0052273	General Fund	05/12/2026	Rear axle flange gasket unit 103	110-14130 - Inventory Of Material	20.01
2607251	1CMR-3HVV-TN6C	General Fund	05/12/2026	Bottle Filling Station for Library	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	307.00

Receipt Register - Abridged

POPKT06199 - 2026 5-12 CC

Vendor						Vendor Amount
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount
<u>01150 - Amazon Capital Services Inc</u>						1,480.54
2607257	1VDQ-JMV-7T1F	General Fund	05/12/2026	Polishing Supplies	110-43500-318 - Mass Transit - Vehicle Cleaning Supplies	94.84
				Polishing Supplies	110-43500-329 - Mass Transit - Other Operating Supplies	36.95
2607289	1HCJ-4Q6Y-1X6G	Water/Sewer	05/12/2026	Amazon Work Gloves	413-52113-326 - Water Plant - Clothing And Uniforms	133.68
2607294	1QF3-FJ6C-7QG7	General Fund	05/12/2026	Office and EOC Supplies	110-42200-310 - Fire - Office Supplies	70.31
				Office and EOC Supplies	110-42200-312 - Fire - Office Equipment	95.33
2607295	1PKW-47R1-KDHG	General Fund	05/12/2026	Webbing for Thermal Imaging Cameras	110-42200-345 - Fire - Machinery	7.99
2607298	1CRT-913V-CM9N	General Fund	05/12/2026	Books, passport photo paper	110-44810-222 - Library - Books	148.34
				Books, passport photo paper	110-44810-310 - Library - Office Supplies	119.98
2607347	1DLW-3GJN-C39R	General Fund	05/12/2026	Arbor Day 5k Decoration	110-44410-325 - Community Center - Recreation Supplies	9.99
2607432	139W-YY4X-MGX9	General Fund	05/12/2026	Legal File Folders-Letter Openers-Doc IT Stickers	110-41500-220 - City Admin./Finance - Printing	4.99
				Legal File Folders-Letter Openers-Doc IT Stickers	110-41500-310 - City Admin./Finance - Office Supplies	75.09
2607472	1NT6-KF71-7R6M	General Fund	05/12/2026	Roll stop struts ADA unt 916A	110-14130 - Inventory Of Material	27.00
<u>18074 - American Techlabs LLC</u>						970.50
2607047	AT-1685	General Fund	05/12/2026	FUEL ADDITIVE FOR TANKS	110-14130 - Inventory Of Material	970.50
<u>21645 - Andrea Towne</u>						273.75
2607370	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	273.75
<u>01300 - Andrew Galtieri</u>						2,398.00
2607333	285	LeConte Center	05/12/2026	Labor setting and breaking down Women of Joy seats	435-47215-200 - LeConte Center - Contractual Services	2,398.00
<u>16546 - Anna Windrow</u>						4,250.00
2607529	Government Services M	General Fund	05/12/2026	Government Services May 2026	110-41500-259 - Administration Professional Services	4,250.00
<u>01279 - AutoZone, Inc.</u>						18.83
2606474	03892719828	LeConte Center	05/12/2026	materials needed for maintenane	435-47215-329 - LeConte Center - Other Operating Supplies	18.83
<u>17981 - Axon Enterprise Inc</u>						24,495.10
2607032	INUS442240	General Fund	05/12/2026	AXON Charging Docks	110-41990-920 - Other General Govt. - Buildings	24,495.10
<u>20632 - Barbara Sanders</u>						262.50
2607366	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	262.50
<u>01357 - Blalock & Sons, Inc.</u>						24,704.72
2606589	27042	State Street Air	05/12/2026	Parkway Paving and milling	121-43100-931 - Street - Roads	21,100.00
2606725	121044	Water/Sewer	05/12/2026	topping for patching	413-52114-471 - Water Distribution - Asphalt And Asphalt Filler	521.00
2606850	121082	Water/Sewer	05/12/2026	topping for patching	413-52114-471 - Water Distribution - Asphalt And Asphalt Filler	306.80
2606952	121118	Water/Sewer	05/12/2026	topping for patching	413-52114-471 - Water Distribution - Asphalt And Asphalt Filler	882.70
2606982	121128	Water/Sewer	05/12/2026	topping for patching	413-52114-471 - Water Distribution - Asphalt And Asphalt Filler	642.92
2607014	121143	Water/Sewer	05/12/2026	topping for patching	413-52114-471 - Water Distribution - Asphalt And Asphalt Filler	261.78
2607288	121200	Water/Sewer	05/12/2026	Topping for Patching	413-52114-471 - Water Distribution - Asphalt And Asphalt Filler	158.11

Receipt Register - Abridged
POPKT06199 - 2026 5-12 CC

Vendor						Vendor Amount
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount
01357 - Blalock & Sons, Inc.						
2607452	121251	Water/Sewer	05/12/2026	topping for patching	413-52114-471 - Water Distribution - Asphalt And Asphalt Filler	24,704.72 831.41
01363 - Bohan						
2607331	April 2026	General Fund	05/12/2026	ADVERTISING/MARKETING	110-47210-237 - Tourism - Advertising	2,405,899.17 2,405,899.17
17224 - BPAA						
2607276	71291	General Fund	05/12/2026	BPAA Annual Bowling Membership	110-44410-235 - Community Center - Memberships	792.50 292.50
2607277	71297	General Fund	05/12/2026	Bowl Expo 2026 Registration	110-44410-148 - Community Center - Emp. Education & Training	500.00
01906 - Brenntag North America LLC						
2606845	BMS160999	Water/Sewer	05/12/2026	5000 Gals. Sodium Hypochlorite (bleach) 12.5%	413-52113-322 - Water Plant - Chemical	17,228.76 8,556.63
2607054	BMS168238	Water/Sewer	05/12/2026	5000 +/- Gals Sodium Hypochlorite 12.5% (bleach)	413-52113-322 - Water Plant - Chemical	8,672.13
02289 - Bullfish Of Pigeon Forge LLC						
2606680	35372998	LeConte Center	05/12/2026	Coffee and cinnamon rolls for Women of Joy 4/24	435-47215-287 - LeConte Center - Meals And Entertainment	159.14 80.00
2607163	LUNCH - APRIL 20, 2026	General Fund	05/12/2026	LUNCH - APRIL 20, 2026	110-47210-287 - Tourism - Meals And Entertainment	79.14
21674 - C&C Operations LLC						
2607490	1550	Sanitation	05/12/2026	C&C Operations LLC. Brush Disposal April 2026	123-43230-295 - Sanitation - Landfill Services	3,150.00 3,150.00
20981 - Carahsoft Technology Corporation						
2607562	IN2259472	General Fund	05/12/2026	Carahsoft INV2259472 - 4/14/26	110-41640-269 - Information Technology - Maint. - Other	5.84 5.84
10940 - Carl Ownby & Company, Inc.						
2606785	Concrete tool	General Fund	05/12/2026	Concrete tool	110-43100-345 - Street - Machinery	61.49 61.49
20621 - Carmalynn Russell						
2607364	Lead Usher labor Wome	LeConte Center	05/12/2026	Lead Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	558.00 328.50
2607514	Door badge checker for	LeConte Center	05/12/2026	Door badge checker for HT Hackney 4/30-5/1	435-47215-200 - LeConte Center - Contractual Services	229.50
20622 - Carolyn Gann						
2607353	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	82.50 82.50
02716 - Cash Hardware Co., Inc.						
2606714	Lumber for trailer and p	General Fund	05/12/2026	Lumber for trailer and picnic table	110-44710-265 - Parks Maintenance - Maint. - Grounds	309.90 286.10
2606913	5/16 Washers	General Fund	05/12/2026	5/16 Washers	110-43100-342 - Street - Sign Parts And Supplies	23.80
20399 - Cass-TN Inc						
2607373	3880	General Fund	05/12/2026	Replacement Pool Vacuum w/ Riptide Bags	110-44410-345 - Community Center - Machinery	2,573.53 2,573.53
03897 - CDM Smith						
2607393	90261825	General Fund	05/12/2026	Engineering services for Veterans as Centerview Rd	110-41990-254 - Other General Govt. - Architectural	176,908.82 4,870.00

Receipt Register - Abridged
POPKT06199 - 2026 5-12 CC

Vendor						Vendor Amount
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount
<u>03897 - CDM Smith</u>						176,908.82
2607460	90258967	General Fund	05/12/2026	Pro. Ser. 2026 USDOT BUILD Grant Writing Parkway	110-41990-254 - Other General Govt. - Architectural	88,995.00
2607582	90262185	General Fund	05/12/2026	Professional Services EDA Grant 3-1-26 to 3-31-26	110-80000-254 - Grants - Architectural, Engineering	76,933.82
2607619	90262171	General Fund	05/12/2026	Westside Connector phase 2 design	110-41990-979 - Other General Govt. - West Side Connector	6,110.00
<u>20462 - Charles B. Rowe</u>						232.50
2607362	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	232.50
<u>21559 - Chuc LLC</u>						390.00
2606645	1431 P.O. 2606645	General Fund	05/12/2026	Sanitation Driver Toran Hedgepath DOT Physical	110-41990-251 - Other General Govt. - Medical	95.00
2606877	1431 P.O. 2606877	General Fund	05/12/2026	Leconte Housekeeping Stephanie Mantes de Oca Physi	110-41990-251 - Other General Govt. - Medical	100.00
2606959	1431	General Fund	05/12/2026	Transit Driver Randall Taulbee DOT Physical	110-41990-251 - Other General Govt. - Medical	95.00
2607142	1431 P.O. 2607142	General Fund	05/12/2026	LeConte Housekeeping Michelle Barnett Physical	110-41990-251 - Other General Govt. - Medical	100.00
<u>03265 - Cintas Corporation No. 2,</u>						23.86
2607256	5331007103	General Fund	05/12/2026	Monthly eyewash inspection	110-43170-269 - Fleet Maintenance - Maint. - Other	23.86
<u>03907 - Clarke Power Services, Inc.</u>						698.25
2607069	S126026027 01	Sanitation	05/12/2026	Repair unit 227	123-43230-261 - Sanitation - Maint. - Vehicles	698.25
<u>20137 - Cloud Cover Media Inc</u>						387.18
2607148	815753	General Fund	05/12/2026	Cloud Cover Music Subscription	110-44410-235 - Community Center - Memberships	387.18
<u>21119 - Coca Cola Consolidated Inc</u>						932.36
2607375	52101263030	General Fund	05/12/2026	Drinks for Resale in Bowling Center	110-44410-350 - Community Center - Items For Resale	472.05
2607565	522074981023	General Fund	05/12/2026	Resale Drinks for Bowling Center	110-44410-350 - Community Center - Items For Resale	460.31
<u>21452 - Cody & Taylor Henry</u>						1,100.00
2607152	2308	General Fund	05/12/2026	Contract Mowing City Parking Lot	110-44710-200 - Park Contractual Services	1,100.00
<u>02678 - Consolidated Pipe & Supply</u>						6,100.00
2604931	TN02536003	Water/Sewer	05/12/2026	6" octave meter & spool	413-14190 - Inventory Of Other Supplies	5,300.00
				6" octave meter & spool	413-52114-338 - Water Distribution - Parts for Water/Sewer Lines	800.00
<u>03945 - Convention Center Long Distance</u>						7,000.00
2607334	43328	LeConte Center	05/12/2026	Contracted IT & Circuit Subsidy for May 2026	435-47215-245 - LeConte Center - Phones	7,000.00
<u>17301 - Core & Main LP</u>						19,034.20
2603277	Y046784	Water/Sewer	05/12/2026	6" dismantling joint	413-52114-338 - Water Distribution - Parts for Water/Sewer Lines	1,838.08
2604127	Y259910	Water/Sewer	05/12/2026	6" meter setting material	413-14190 - Inventory Of Other Supplies	2,324.25
				6" meter setting material	413-52114-338 - Water Distribution - Parts for Water/Sewer Lines	490.15
2605927	Y626109	Water/Sewer	05/12/2026	6" tap valve	413-14190 - Inventory Of Other Supplies	2,527.62
2606069	Y661493	Water/Sewer	05/12/2026	12" MJ Tee	413-14190 - Inventory Of Other Supplies	1,445.62

Receipt Register - Abridged
POPKT06199 - 2026 5-12 CC

Vendor						Vendor Amount
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount
<u>17301 - Core & Main LP</u>						19,034.20
2606111	Y661333	Water/Sewer	05/12/2026	12" gate valve	413-14190 - Inventory Of Other Supplies	2,843.76
2606444	Y725209	Water/Sewer	05/12/2026	8" valves & Tee's	413-14190 - Inventory Of Other Supplies	5,764.00
2606764	Y812167	Water/Sewer	05/12/2026	1" PEX waterline	413-14190 - Inventory Of Other Supplies	645.00
2606951	Y850045	Water/Sewer	05/12/2026	3/4" PEX Waterline	413-14190 - Inventory Of Other Supplies	420.00
2607552	Y885304	Water/Sewer	05/12/2026	4" hymax flange adapter	413-52114-338 - Water Distribution - Parts for Water/Sewer Lines	735.72
<u>02782 - Craig's Firearm Supply</u>						504.00
2607463	53191	General Fund	05/12/2026	Radio Holders	110-42100-326 - Police - Clothing And Uniforms	504.00
<u>17165 - Cummins Sales and Service</u>						6,045.08
2606854	R8-260495562	General Fund	05/12/2026	Water outlet gasket 922A	110-14130 - Inventory Of Material	13.72
2606926	R8-260495692	General Fund	05/12/2026	SENSORS TRLY 923	110-14130 - Inventory Of Material	1,616.96
2607038	INV0052360	General Fund	05/12/2026	SENSOR TRLY 934A	110-14130 - Inventory Of Material	808.48
2607260	R8-260496114	General Fund	05/12/2026	DEF INJECTOR GASKET & BOLTS TRLY 928A	110-14130 - Inventory Of Material	620.36
2607293	R8-260496161	General Fund	05/12/2026	GASKET, FOR STOCK	110-14130 - Inventory Of Material	74.60
2607318	R8-260496207	General Fund	05/12/2026	Dosing injector & gaskt unit 929A	110-14130 - Inventory Of Material	593.24
2607414	R8-260496300	General Fund	05/12/2026	DEF PUMP TRLY 923A	110-14130 - Inventory Of Material	1,470.94
2607448	R8-260496387	General Fund	05/12/2026	FILTERS FOR STOCK	110-14130 - Inventory Of Material	846.78
<u>21189 - D & S Retainage Account</u>						97,318.67
2607441	467	General Fund	05/12/2026	Retainage Pay AP #12 Police Station Accessory Bldg	110-41990-964 - Other General Govt. - Police Station	33,936.17
2607444	465	General Fund	05/12/2026	Retainage Pay AP #210 Police Station	110-41990-964 - Other General Govt. - Police Station	63,382.50
<u>21268 - David Keith Hanley</u>						4,320.00
2605661	055	General Fund	05/12/2026	Hanley - Evertech Temp IT Staffing Services (2)	110-41640-200 - Information Technology - Contractual Services	2,160.00
	056	General Fund	05/12/2026	Hanley - Evertech Temp IT Staffing Services (2)	110-41640-200 - Information Technology - Contractual Services	2,160.00
<u>21641 - Debra Zupka</u>						266.25
2607384	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	266.25
<u>21830 - Diana Bott</u>						52.50
2607389	Usher labor for Women	LeConte Center	05/12/2026	Usher labor for Women of Joy Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	52.50
<u>21540 - EDA Smart Signal Retainage Account</u>						19,482.07
2607436	Pay Estimate #13	General Fund	05/12/2026	Retainage Estimate #13 EDA Smart Signals	110-80000-922 - Grants - Traffic Signal	19,482.07
<u>20975 - Elisha Jiminez</u>						270.00
2607356	General Fund • General	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	270.00
<u>04738 - Ellison Sanitary Supply Co.</u>						6,227.66
2606552	742132-1	General Fund	05/12/2026	Janitorial supplies	110-41840-324 - Bldg. Maintenance - Janitorial Supplies	48.20
2606816	742719	General Fund	05/12/2026	Janitorial supplies	110-41840-324 - Bldg. Maintenance - Janitorial Supplies	3,573.54

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<u>04738 - Ellison Sanitary Supply Co.</u>						
2606816	742719-1	General Fund	05/12/2026	Janitorial supplies	110-41840-324 - Bldg. Maintenance - Janitorial Supplies	6,227.66
2607189	743381	General Fund	05/12/2026	Janitorial supplies	110-41840-324 - Bldg. Maintenance - Janitorial Supplies	254.68
						2,351.24
<u>17267 - ET Graphics Inc</u>						
2606263	262479	General Fund	05/12/2026	Sale T-Shirts	110-42200-350 - Fire - Items For Resale	4,131.25
						4,131.25
<u>16936 - Evoqua Water Technologies LLC</u>						
2601676	907529307	Water/Sewer	05/12/2026	Replace Effluent Disc filter Panels & Gaskets	413-52213-930 - Sewer Treatment & Disposal - Non Bldg Improv.	241,884.00
						241,884.00
<u>21192 - Exclusive Electronics Inc</u>						
2606878	89000169	General Fund	05/12/2026	E Cite Batteries	110-42100-329 - Police - Other Operating Supplies	519.87
2607136	10320608	General Fund	05/12/2026	Zebra E Cite Battery	110-42100-329 - Police - Other Operating Supplies	239.94
						279.93
<u>16741 - Fast Signs #51401</u>						
2607144	2039-13042	LeConte Center	05/12/2026	8x10 mesh rendering banner for contrsruction fence	435-47215-220 - LeConte Center - Printing	1,264.61
2607283	2039-13068	LeConte Center	05/12/2026	Floor stickers and signs for Teach Them Diligently	435-47215-220 - LeConte Center - Printing	445.00
2607402	21039-13084	LeConte Center	05/12/2026	Signage for temporary construction entrances	435-47215-220 - LeConte Center - Printing	675.28
						144.33
<u>17021 - Federal Express Corporation</u>						
2607232	9-256-62163	General Fund	05/12/2026	SHIPPING CHARGES	110-47210-211 - Tourism - Postage	292.76
2607381	9-266-27443	General Fund	05/12/2026	SHIPPING CHARGES	110-47210-211 - Tourism - Postage	145.13
						147.63
<u>05314 - Fenco Supply Company, Inc.</u>						
2606577	656889	General Fund	05/12/2026	HVAC tools	110-41840-345 - Bldg. Maintenance - Machinery	4,808.77
2606590	654181	General Fund	05/12/2026	materials for outdoor unit @ fire#2	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	2,938.42
2606693	654244	General Fund	05/12/2026	materials for station 2 outdoor unit	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	1,345.64
2606882	655521	General Fund	05/12/2026	materials for station #2 unit	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	202.06
2607061	656892	General Fund	05/12/2026	welding handle for torches	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	190.48
2607220	657705	General Fund	05/12/2026	supplies for city HVAC units	110-41840-345 - Bldg. Maintenance - Machinery	79.17
					110-41840-266 - Bldg. Maintenance - Maint. - Buildings	53.00
<u>05246 - Fleetpride Inc</u>						
2606750	133437983	General Fund	05/12/2026	HUB ASSY & SEAL FIRE TK 28	110-14130 - Inventory Of Material	4,146.05
2606751	133437918	General Fund	05/12/2026	BRAKE PADS & FILTERS FOR STOCK	110-14130 - Inventory Of Material	1,608.19
2607243	133983210	General Fund	05/12/2026	BRAKE PADS FOR MASS TRANSIT	110-14130 - Inventory Of Material	1,073.94
2607361	134125297	General Fund	05/12/2026	AIR BAG MASS TRANSIT TRAM CARS	110-14130 - Inventory Of Material	679.96
						783.96
<u>21769 - Forge Restaurant Partners LLC</u>						
2607376	LUNCHEON MEETING-IV	General Fund	05/12/2026	LUNCHEON MEETING-MIKE GWINN-APRIL 28, 2026	110-47210-287 - Tourism - Meals And Entertainment	58.34
						58.34
<u>20876 - Franklin Underground Utility Services Inc</u>						
2607620	Old Mill & Butler St sew	Water/Sewer	05/12/2026	Old Mill & Butler St sewer iprovements pay app 2	413-52317-973 - Admin. & General - Sewer Line Improvements	84,265.00
						84,265.00

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<u>05686 - G & C Supply Co., Inc.</u>						
2605846	7024161	General Fund	05/12/2026	8' black sign post	110-43100-342 - Street - Sign Parts And Supplies	8,294.10 2,523.00
2606661	7021406	General Fund	05/12/2026	Sign Blanks for Stock	110-43100-342 - Street - Sign Parts And Supplies	1,972.50
2606711	7021405	Water/Sewer	05/12/2026	6" Tap Saddle	413-14190 - Inventory Of Other Supplies	202.10
	7023200	Water/Sewer	05/12/2026	6" Tap Saddle	413-14190 - Inventory Of Other Supplies	2,916.50
2606819	7022553	Water/Sewer	05/12/2026	marking paint	413-52114-329 - Water Distribution - Other Operating Supplies	432.00
2606911	7018400	Water/Sewer	05/12/2026	Backflow Tester Calibration	413-52114-269 - Water Distribution - Maint. - Other	248.00
<u>21543 - Garney Companies Inc</u>						
2607621	raw water intake & tran	Water/Sewer	05/12/2026	raw water intake & transmission pay app 8	413-52317-915 - Douglas Lake Project	862,653.12 862,653.12
<u>05674 - Goforth Tires And Automotive, Inc.</u>						
2606715	120405	General Fund	05/12/2026	Tires all dpts + fees	110-14130 - Inventory Of Material	14,163.48 373.05
2606771	120501	General Fund	05/12/2026	TIRE TK 135 STREET	110-14130 - Inventory Of Material	200.35
2606834	120700	General Fund	05/12/2026	TIRES FOR MASS TRANSIT	110-14130 - Inventory Of Material	5,346.32
2606870	120730	General Fund	05/12/2026	TIRE MOWER 126E STREET	110-14130 - Inventory Of Material	125.00
2606923	120836	General Fund	05/12/2026	TIRES MASS TRANSIT	110-14130 - Inventory Of Material	4,020.96
2606984	121019	General Fund	05/12/2026	TIRES ALL DEPT	110-14130 - Inventory Of Material	3,137.10
2607059	121136	General Fund	05/12/2026	TIRES TRACTOR 133E	110-14130 - Inventory Of Material	960.70
<u>06293 - Griffin Electric Company</u>						
2607188	5179	LeConte Center	05/12/2026	LED driver module for pedestrian bridge	435-47215-266 - LeConte Center - Maint. - Buildings	428.50 428.50
<u>20006 - Guardian Fueling Technologies</u>						
2607316	SRVCE2934126	General Fund	05/12/2026	OUTSIDE REPAIR PUMP #3 DIESEL	110-43170-269 - Fleet Maintenance - Maint. - Other	1,700.80 1,700.80
<u>20626 - Harold E Russell</u>						
2607365	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	273.75 273.75
<u>21819 - Heinz Wieland</u>						
2607387	SCSD Security for Wome	LeConte Center	05/12/2026	SCSD Security for Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	525.00 525.00
<u>07192 - Helen Ross McNabb</u>						
2607296	1-323-FY26	General Fund	05/12/2026	FY 2025-2026	110-41100-700 - Legislative - Grants	60,000.00 60,000.00
<u>17855 - Hillbilly's Cabin Restaurant</u>						
2606506	10019	General Fund	05/12/2026	WSCC Basic Academy Meal Plan-Seagle/Parrott	110-42100-287 - Police - Meals And Entertainment	3,150.00 3,150.00
<u>20002 - Home Depot Credit Services</u>						
2607190	H0739-372170	General Fund	05/12/2026	Fire Department FF & E Items	110-41990-920 - Other General Govt. - Buildings	1,171.31 1,071.33
2607407	H0739--373296	General Fund	05/12/2026	12 gal 5.0 Peak Shop Vacuum Wet Dry Vac	110-42200-345 - Fire - Machinery	99.98

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<u>20073 - Home Depot USA Inc</u>							
2607469	030682/6150133	General Fund	05/12/2026	Tools	110-43100-345 - Street - Machinery		427.82
							427.82
<u>20464 - Hometown Manufacturing Inc</u>							
2607380	INV1125	General Fund	05/12/2026	HomeTown Mfg Low Floor Replica Bus 5311 Grant	110-80000-944 - Grants - Vehicles		76,300.30
							76,300.30
<u>10701 - HPT TRS MRP Inc</u>							
2607266	Conf No 3U0966PN	General Fund	05/12/2026	2 Night Stay - TACP June 2026 Bi-Monthly Training	110-42100-280 - Police - Travel		417.08
							417.08
<u>21165 - Hunter Finchum</u>							
2607605	Umpire Pay - April 21, 2	General Fund	05/12/2026	Umpire Pay - April 21, 2026 - May 1, 2026	110-44410-160 - Community Center - Per Diem		90.00
							90.00
<u>07367 - Idexx Laboratories</u>							
2607438	3199856311	Water/Sewer	05/12/2026	Bac-T Lab testing materials	413-52113-322 - Water Plant - Chemical		3,165.82
	3199856312	Water/Sewer	05/12/2026	Bac-T Lab testing materials	413-52113-322 - Water Plant - Chemical	2,766.92	
						398.90	
<u>21168 - Inframark (DE) LLC</u>							
2607592	177493	Water/Sewer	05/12/2026	New PLC battery + Labor PLC Applications	413-52113-269 - Water Plant - Maint. - Other		1,368.00
							1,368.00
<u>07290 - Ingram Library Services LLC</u>							
2607290	96304171	General Fund	05/12/2026	31 Books plus s/h TBD	110-44810-222 - Library - Books		503.36
							503.36
<u>07456 - J.W. Pepper & Son, Inc.</u>							
2607409	368472157	General Fund	05/12/2026	MUSIC FOR COMMUNITY CHORUS	110-47210-238 - Tourism - Community Chorus		90.00
							90.00
<u>18193 - Jack Shults</u>							
2607608	Umpire Pay - April 21, 2	General Fund	05/12/2026	Umpire Pay - April 21, 2026 - May 1, 2026	110-44410-160 - Community Center - Per Diem		180.00
							180.00
<u>16945 - James Bohanan</u>							
2607425	TRU T Shirts May 2025	General Fund	05/12/2026	TRU T Shirts	110-42100-326 - Police - Clothing And Uniforms		867.00
2607428	Arbor Day 5K Participan	General Fund	05/12/2026	Arbor Day 5K Participant T-Shirts-May 2, 2026	110-44410-325 - Community Center - Recreation Supplies	150.00	
						717.00	
<u>20147 - James R Arnce</u>							
2607603	Umpire Pay - April 21, 2	General Fund	05/12/2026	Umpire Pay - April 21, 2026 - May 1, 2026	110-44410-160 - Community Center - Per Diem		150.00
							150.00
<u>17928 - Jeffrey D Cole</u>							
2607604	Umpire Pay - April 21, 2	General Fund	05/12/2026	Umpire Pay - April 21, 2026 - May 1, 2026	110-44410-160 - Community Center - Per Diem		225.00
							225.00
<u>07446 - Jerry's Auto Glass</u>							
2607305	18524	General Fund	05/12/2026	Windshield install unit 750	110-42100-261 - Police - Maint. - Vehicles		623.25
							623.25

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<u>20465 - John J. O'Neill Jr</u>							324.00
2607360	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	324.00	
<u>21831 - Kathy Bowles</u>							60.00
2607390	Usher labor for Women	LeConte Center	05/12/2026	Usher labor for Women of Joy Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	60.00	
<u>21061 - Kel-San Inc & Subsidiaries</u>							1,357.19
2605598	4073100	LeConte Center	05/12/2026	vacuum bags and brushes for chariots	435-47215-324 - LeConte Center - Janitorial Supplies	429.00	
				vacuum bags and brushes for chariots	435-47215-333 - LeConte Center - Equipment Parts	291.56	
2606473	4073108	LeConte Center	05/12/2026	items for R-14 / items for housekeeping	435-47215-333 - LeConte Center - Equipment Parts	39.83	
	4073112	LeConte Center	05/12/2026	items for R-14 / items for housekeeping	435-47215-324 - LeConte Center - Janitorial Supplies	549.00	
				items for R-14 / items for housekeeping	435-47215-333 - LeConte Center - Equipment Parts	47.80	
<u>08162 - Kel-San, Inc.</u>							2,308.75
2604016	4072749	LeConte Center	05/12/2026	replacement brushes for all chariots.	435-47215-333 - LeConte Center - Equipment Parts	236.84	
	44068174	LeConte Center	05/12/2026	replacement brushes for all chariots.	435-47215-333 - LeConte Center - Equipment Parts	573.52	
2606817	4076013	General Fund	05/12/2026	Janitorial supplies - chemicals	110-41840-324 - Bldg. Maintenance - Janitorial Supplies	1,498.39	
<u>21842 - Kerestes-Martin Associates Inc</u>							5,189.50
2607609	Municipal Signage and \	General Fund	05/12/2026	Municipal Signage and Wayfinding Program	110-41990-259 - Other General Govt. - Other Prof. Services	5,189.50	
<u>08535 - Kinsman Company Inc.</u>							70.60
2607341	1274129A	General Fund	05/12/2026	Trough Liners	110-44710-265 - Parks Maintenance - Maint. - Grounds	70.60	
<u>08177 - Kroger Store #536</u>							414.45
2607187	2793036	General Fund	05/12/2026	Food for Kid's Night Out - 4/24/2026	110-44410-287 - Community Center - Meals And Entertainment	109.49	
2607271	2608033	General Fund	05/12/2026	Food not to exceed \$50	110-44810-236 - Library - Public Relation	45.35	
2607377	2608032	General Fund	05/12/2026	Food for Arbor Day 5K	110-44410-287 - Community Center - Meals And Entertainment	132.44	
2607378	2793179	General Fund	05/12/2026	Food for May Joy Club	110-44410-287 - Community Center - Meals And Entertainment	127.17	
<u>21710 - L Mark Stone</u>							3,513.83
2604322	2025117289	General Fund	05/12/2026	Mission Critical - Annual Email Services	110-41640-269 - Information Technology - Maint. - Other	3,513.83	
<u>09224 - Lamar Dunn & Associates, Inc.</u>							24,000.00
2607392	PGF502-4	Water/Sewer	05/12/2026	Westside Connector utility services inv PGF502-4	413-52317-979 - WS Admin Westside Connector	24,000.00	
<u>20052 - Land Air Total Tri Cities Communications LLC</u>							5,907.61
2505255-R1	21009393	General Fund	05/12/2026	Installation Max FSA Equipment new Fire Station	110-41990-920 - Other General Govt. - Buildings	2,500.00	
2601305	21009395	General Fund	05/12/2026	Repair to two portable Radios	110-42200-269 - Fire - Maint. - Other	262.86	
2603886	21009396	General Fund	05/12/2026	Repair to portable radios	110-42200-269 - Fire - Maint. - Other	571.72	
2605369	21009392	General Fund	05/12/2026	Radio replace for Engine 21	110-42200-945 - Fire - Communication Equipment	992.08	
2605380	21009389	General Fund	05/12/2026	Radio replace for Engine 22	110-42200-945 - Fire - Communication Equipment	213.00	
2605385	21009390	General Fund	05/12/2026	Radio Replace for Tower 28	110-42200-345 - Fire - Machinery	360.75	

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<u>20052 - Land Air Total Tri Cities Communications LLC</u>						5,907.61
2605385	21009390	General Fund	05/12/2026	Radio Replace for Tower 28	110-42200-945 - Fire - Communication Equipment	759.70
2605778	21009394	General Fund	05/12/2026	UHF Whip Antenna 440-490 MHz	110-42200-269 - Fire - Maint. - Other	247.50
<u>08630 - Lands End Business Outfitters</u>						329.73
2607001	SIN14057515	General Fund	05/12/2026	Community Dev shirts	110-42400-326 - Public Works - Clothing And Uniforms	29.99
2607115	SIN14062942	General Fund	05/12/2026	Community Dev shirts	110-47212-326 - Community Development - Clothing And Uniforms	270.74
				New Logo Design	110-44810-326 - Library - Clothing And Uniforms	29.00
<u>20562 - Lawson Products Inc</u>						1,109.56
2606881	9313370815	General Fund	05/12/2026	Supplies reference 207 Python mounting Quote	110-43170-329 - Fleet Maintenance - Other Operating Supplies	64.26
2606933	9313378332	General Fund	05/12/2026	SUPPLY STOCK ORDER	110-43170-329 - Fleet Maintenance - Other Operating Supplies	567.04
2606934	9313378333	General Fund	05/12/2026	STOCK ORDER	110-14130 - Inventory Of Material	478.26
<u>09163 - LeConte Medical Center</u>						12,322.69
2607545	0607545	General Fund	05/12/2026	Monthly Fitness Center Management Fee-April 2026	110-44410-200 - Community Center - Contractual Services	12,322.69
<u>20528 - Life-Assist Inc</u>						3,434.35
2607078	2104707	General Fund	05/12/2026	Medical Supplies for Station 1	110-42200-322 - Fire - Chemical	3,434.35
<u>21610 - Limitless Solutions Inc dba</u>						3,900.00
2607091	1251	LeConte Center	05/12/2026	30 yard dumpster rental for HT hackney	435-47215-248 - LeConte Center - Garbage	3,900.00
<u>21286 - Linda Sue Moore</u>						120.00
2607359	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	120.00
<u>21159 - M3 Technology Group Inc</u>						83,700.12
2601758	RS126074	General Fund	05/12/2026	New Building AV Project	110-41990-920 - Other General Govt. - Buildings	53,716.00
	RS126098	General Fund	05/12/2026	New Building AV Project	110-41990-920 - Other General Govt. - Buildings	16,444.12
2607210	7802150	General Fund	05/12/2026	M3 - PFCC MTG RM 1 Upgrades	110-41640-945 - Information Technology - Communication Equipm	13,540.00
<u>10438 - Majority Opinion Research</u>						16,500.00
2607231	25-1041K	General Fund	05/12/2026	MARKETING RESEARCH	110-47210-237 - Tourism - Advertising	13,750.00
	25-1042K	General Fund	05/12/2026	MARKETING RESEARCH	110-47210-237 - Tourism - Advertising	2,750.00
<u>09977 - Master Meter, Inc.</u>						30,798.48
2607493	294266	Water/Sewer	05/12/2026	Allegro warranty and annual support	413-52114-269 - Water Distribution - Maint. - Other	30,798.48
<u>20513 - McPherson's Greenhouse</u>						12,085.50
2604960	15113	General Fund	05/12/2026	Annual Spring Flowers	110-44710-265 - Parks Maintenance - Maint. - Grounds	12,085.50
<u>09305 - Metro Communications LLC</u>						14,203.80
2606973	189933	General Fund	05/12/2026	G5+ Dualband P25 Pagers	110-42200-346 - Fire - Communication Equipment	14,203.80

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<u>09305 - Metro Communications LLC</u>							14,203.80
<u>21478 - Michelle Burger</u>							262.50
2607351	Usher labor for Women	LeConte Center	05/12/2026	Usher labor for Women of Joy Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	262.50	
<u>21261 - Mickey Loyd</u>							135.00
2607606	Umpire Pay - April 21, 2	General Fund	05/12/2026	Umpire Pay - April 21, 2026 - May 1, 2026	110-44410-160 - Community Center - Per Diem	135.00	
<u>17652 - Mid-South Water LLC</u>							500.00
2606749	15258	General Fund	05/12/2026	monthly cooling tower inspections for CH & CC	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	265.00	
2607268	15257	LeConte Center	05/12/2026	monthly closed loop water service	435-47215-269 - LeConte Center - Maint. - Other	235.00	
<u>20987 - Musco Corporation</u>							475.00
2607413	452133	General Fund	05/12/2026	Musco Service Agreement	110-44710-200 - Park Contractual Services	475.00	
<u>10584 - NAFECO</u>							13,098.82
2605205	1413984	General Fund	05/12/2026	Anchor Industries Fire Shelter Complete	110-42200-344 - Fire - Safety Supplies	6,563.89	
2605837	1414558	General Fund	05/12/2026	Thermal Imaging and Highrise pack Equipment	110-42200-345 - Fire - Machinery	1,654.93	
2607223	1414883	General Fund	05/12/2026	Fire Hoses	110-42200-345 - Fire - Machinery	4,880.00	
<u>10625 - Napa Auto Parts of Sevierville</u>							6,732.74
2606741	072251	LeConte Center	05/12/2026	liner material to repair duct work on RAHU 8,11,12	435-47215-266 - LeConte Center - Maint. - Buildings	271.41	
2606774	072320	General Fund	05/12/2026	7 WAY TRAILER PLUG 135 STREET	110-14130 - Inventory Of Material	39.02	
2606830	072667	General Fund	05/12/2026	STOCK ORDER	110-14130 - Inventory Of Material	2,334.43	
2606857	072723	General Fund	05/12/2026	SHOCKS MASS TRANSIT TRAM CARS	110-14130 - Inventory Of Material	453.76	
2606901	072926	General Fund	05/12/2026	SENSOR 125 STREET	110-14130 - Inventory Of Material	16.36	
2606967	073244	General Fund	05/12/2026	CONDENSOR 606 TOURISM	110-14130 - Inventory Of Material	166.74	
2607000	073383	General Fund	05/12/2026	nickle anti-seize for pool diving blocks	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	15.27	
2607067	073579	General Fund	05/12/2026	STOCK ORDER BATTERIES	110-14130 - Inventory Of Material	1,585.09	
2607085	073628	General Fund	05/12/2026	OIL DRY FOR SHOP	110-14130 - Inventory Of Material	69.37	
2607110	073697	General Fund	05/12/2026	VALVES FOR MASS TRANSIT TRAM CARS	110-14130 - Inventory Of Material	635.32	
2607146	073885	General Fund	05/12/2026	TAILGATE HANDLE TK 637 RODGER	110-14130 - Inventory Of Material	39.12	
2607151	073897	General Fund	05/12/2026	LIGHT TK 652 BUILDING MAINT.	110-14130 - Inventory Of Material	136.22	
2607171	073950	General Fund	05/12/2026	WASHER NOZZLE FOR MASS TRANSIT	110-14130 - Inventory Of Material	143.88	
2607253	074166	General Fund	05/12/2026	BRAKE PADS FOR STOCK	110-14130 - Inventory Of Material	405.88	
2607338	074557	General Fund	05/12/2026	LIGHT TRAILER STREET	110-14130 - Inventory Of Material	90.68	
2607342	074569	General Fund	05/12/2026	GASKET PD 704	110-14130 - Inventory Of Material	9.56	
2607358	074614	General Fund	05/12/2026	TRAILER SWITCH SANITATION	110-14130 - Inventory Of Material	40.28	
2607391	074653	LeConte Center	05/12/2026	5/16-18 ball studs for genie 3246E	435-47215-333 - LeConte Center - Equipment Parts	7.38	
2607410	074712	General Fund	05/12/2026	VALVE TRAM 3 MASS TRANSIT	110-14130 - Inventory Of Material	175.47	
2607431	074768	General Fund	05/12/2026	MARKER LIGHT TK 217 SANITATION	110-14130 - Inventory Of Material	97.50	

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Vendor						Vendor Amount
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount
<u>10908 - Netgain Corporation</u>						345.00
2606644	37593	General Fund	05/12/2026	Sanitation Driver Toran Hedgepath Background Check	110-41990-251 - Other General Govt. - Medical	35.00
2606876	37593 P.O. 2606876	General Fund	05/12/2026	Leconte Housekeeping Stephanie Mantes de Oca Backg	110-41990-251 - Other General Govt. - Medical	35.00
2606957	37726	General Fund	05/12/2026	Transit Driver Randall Taulbee DOT Drug Screen	110-41990-251 - Other General Govt. - Medical	45.00
2606958	37593 P.O. 2606958	General Fund	05/12/2026	Transit Driver Randall Taulbee Background	110-41990-251 - Other General Govt. - Medical	35.00
2607143	37593 P.O. 2607143	General Fund	05/12/2026	LeConte Housekeeping Michelle Barnett Background	110-41990-251 - Other General Govt. - Medical	35.00
2607264	37953 P.O. 2607264	General Fund	05/12/2026	Community Center Group Fitness Jaden Shaw Backgrou	110-41990-251 - Other General Govt. - Medical	35.00
2607453	37726 P.O. 2607453	General Fund	05/12/2026	Community Center Hayden Jones Drug Screen	110-41990-251 - Other General Govt. - Medical	60.00
2607457	37593 P.O. 2607457	General Fund	05/12/2026	Community Center Hayden Jones Background Check	110-41990-251 - Other General Govt. - Medical	35.00
2607466	37593 P.O. 2607466	General Fund	05/12/2026	Community Center Hayden Jones Background Check #2	110-41990-251 - Other General Govt. - Medical	30.00
<u>10641 - NRPA</u>						735.00
2607332	69197 2026	General Fund	05/12/2026	Annual NRPA Premier Package Membership	110-44410-235 - Community Center - Memberships	735.00
<u>21621 - Office Enterprises Inc.</u>						294.26
2607077	606564	General Fund	05/12/2026	THERMAL SHIPPING LABELS	110-47210-310 - Tourism - Office Supplies	294.26
<u>17946 - Ogle, Rowell & Associates, P.C.</u>						16,914.50
2607537	01191	General Fund	05/12/2026	Professional Services April 2026	110-41990-252 - Other General Govt. - Legal Services	16,914.50
<u>17731 - Orange142 LLC</u>						138,666.67
2607398	Inv-O-6713	General Fund	05/12/2026	INTERNET/MARKETING	110-47210-237 - Tourism - Advertising	19,583.33
	Inv-O-6714	General Fund	05/12/2026	INTERNET/MARKETING	110-47210-292 - Tourism - Online Programs	37,500.00
	Inv-O-6715	General Fund	05/12/2026	INTERNET/MARKETING	110-47210-237 - Tourism - Advertising	59,583.34
	Inv-O-6720	General Fund	05/12/2026	INTERNET/MARKETING	110-47210-237 - Tourism - Advertising	20,000.00
2607458	Inv-O-6719	General Fund	05/12/2026	Orange 142 - Mountain Quiltfest 2026 Advertising	110-47211-237 - Special Events - Advertising	2,000.00
<u>11189 - OverDrive, Inc.</u>						526.37
2607513	01068CO26153326	General Fund	05/12/2026	14 eBooks	110-44810-222 - Library - Books	526.37
<u>21480 - Pamela Jennings</u>						213.75
2607354	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	213.75
<u>21642 - Paul Zupka</u>						266.25
2607386	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	266.25
<u>11250 - Pigeon Forge Hardware</u>						1,386.45
2606734	135621	General Fund	05/12/2026	Watering Can	110-44710-265 - Parks Maintenance - Maint. - Grounds	15.99
2606765	135800	Water/Sewer	05/12/2026	pressure washer parts	413-52114-269 - Water Distribution - Maint. - Other	22.47
2606789	279095	General Fund	05/12/2026	concrete cleaner, brackets	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	89.97
2606844	136613	General Fund	05/12/2026	Chain and hooks for Excavator	110-43100-345 - Street - Machinery	126.78
2606855	136655	General Fund	05/12/2026	cement filler	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	46.98
2606884	136780	General Fund	05/12/2026	wd-40, hose end, clips	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	29.97

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Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount	
<u>11250 - Pigeon Forge Hardware</u>							1,386.45
2606884	136780	General Fund	05/12/2026	wd-40, hose end, clips	110-41840-329 - Bldg. Maintenance - Other Operating Supplies		2.78
	279169	General Fund	05/12/2026	wd-40, hose end, clips	110-41840-266 - Bldg. Maintenance - Maint. - Buildings		8.69
2606949	137355	General Fund	05/12/2026	Tools	110-43100-345 - Street - Machinery		154.97
2606953	137557	General Fund	05/12/2026	Extension Cords	110-42100-329 - Police - Other Operating Supplies		33.98
2606987	137782	General Fund	05/12/2026	faucet at sanitation building	110-41840-266 - Bldg. Maintenance - Maint. - Buildings		22.49
	137806	General Fund	05/12/2026	faucet at sanitation building	110-41840-266 - Bldg. Maintenance - Maint. - Buildings		70.66
2607004	137919	General Fund	05/12/2026	Safety Googles	110-43100-326 - Street - Clothing And Uniforms		18.87
2607042	138116	General Fund	05/12/2026	paint for light poles @ outdoor pool	110-41840-266 - Bldg. Maintenance - Maint. - Buildings		20.99
	279426	General Fund	05/12/2026	paint for light poles @ outdoor pool	110-41840-329 - Bldg. Maintenance - Other Operating Supplies		1.99
2607062	138206	General Fund	05/12/2026	Bolt hardware	110-43170-329 - Fleet Maintenance - Other Operating Supplies		45.75
2607237	139123	General Fund	05/12/2026	U Bolt/Trimmer String/Nozzles	110-44710-265 - Parks Maintenance - Maint. - Grounds		16.47
				U Bolt/Trimmer String/Nozzles	110-44710-329 - Parks Maintenance - Other Operating Supplies		93.27
2607242	1390151	General Fund	05/12/2026	materials for station #1 drinking fountain	110-41840-266 - Bldg. Maintenance - Maint. - Buildings		66.24
	139185	General Fund	05/12/2026	materials for station #1 drinking fountain	110-41840-266 - Bldg. Maintenance - Maint. - Buildings		6.89
2607287	139502	Water/Sewer	05/12/2026	Master Lock	413-52114-338 - Water Distribution - Parts for Water/Sewer Lines		251.64
2607319	139826	General Fund	05/12/2026	drill bits for handle at outdoor pool	110-41840-266 - Bldg. Maintenance - Maint. - Buildings		36.98
2607327	139881	LeConte Center	05/12/2026	engine oil for T20	435-47215-335 - LeConte Center - Gas		14.37
2607385	140097	General Fund	05/12/2026	Paint Brushes, Trailer Bolts	110-44710-329 - Parks Maintenance - Other Operating Supplies		82.15
	140157	General Fund	05/12/2026	Paint Brushes, Trailer Bolts	110-44710-329 - Parks Maintenance - Other Operating Supplies		8.49
2607430	140396	General Fund	05/12/2026	materials for bottle filler @ Library	110-41840-266 - Bldg. Maintenance - Maint. - Buildings		10.99
	140408	General Fund	05/12/2026	materials for bottle filler @ Library	110-41840-266 - Bldg. Maintenance - Maint. - Buildings		0.66
				materials for bottle filler @ Library	110-41840-329 - Bldg. Maintenance - Other Operating Supplies		39.99
2607477	140620	Water/Sewer	05/12/2026	plastic tubing cutter	413-52114-345 - Water Distribution - Machinery		44.98
<u>11459 - Pigeon Forge High School</u>							14,474.80
2607330	04-20-26 MISC REIMBU	General Fund	05/12/2026	Misc Reimbursement PFHS 4-20-26 Request	110-21535 - Pigeon Forge Schools Payable		14,474.80
<u>18201 - Pigeon Forge Junior High School</u>							16,195.11
2607344	04/21/26 MISC REIMBU	General Fund	05/12/2026	Misc Reimburse PFJHS 4-21-26 Request	110-21535 - Pigeon Forge Schools Payable		16,195.11
<u>11227 - Pittsburg Paint</u>							2,696.98
2606793	929820008021	General Fund	05/12/2026	Striping Paint	110-43100-269 - Street - Maint. - Other		519.56
2606831	929820008034	General Fund	05/12/2026	Striping Paint	110-43100-269 - Street - Maint. - Other		918.00
2606921	929820008067	General Fund	05/12/2026	Striping Paint	110-43100-269 - Street - Maint. - Other		204.00
2606960	929820008093	General Fund	05/12/2026	Striping Paint and Paint Rollers	110-43100-269 - Street - Maint. - Other		327.34
2607070	929820008192	General Fund	05/12/2026	Striping Paint	110-43100-269 - Street - Maint. - Other		116.08
2607235	929820008214	General Fund	05/12/2026	Striping paint	110-43100-269 - Street - Maint. - Other		612.00
<u>16705 - Premier Truck Group</u>							15,749.94
2605504	140467119	General Fund	05/12/2026	DEF HEADER & GASKET TRLY 928A	110-14130 - Inventory Of Material		1,730.30
2605906	140469329	General Fund	05/12/2026	AIR DRYER TRLY 917A	110-14130 - Inventory Of Material		3,415.60
2606169	140470515	General Fund	05/12/2026	SURGE TANK TRLY 914	110-14130 - Inventory Of Material		166.99

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<u>16705 - Premier Truck Group</u>						15,749.94
2606184	140470547	General Fund	05/12/2026	SURGE TANK FOR MASS TRANSIT FOR STOCK	110-14130 - Inventory Of Material	166.99
2606300	14085231	General Fund	05/12/2026	Repair 9908 onsite	110-43500-261 - Mass Transit - Maint. - Vehicles	1,224.75
2606311	140471179	General Fund	05/12/2026	SWITCH TRLY 925	110-14130 - Inventory Of Material	345.98
2606327	140471228	General Fund	05/12/2026	PDM TRLY 925	110-14130 - Inventory Of Material	482.49
2606332	140471242	General Fund	05/12/2026	MIRRORS AND PDM 208 SANITATION	110-14130 - Inventory Of Material	665.30
	140471435	General Fund	05/12/2026	MIRRORS AND PDM 208 SANITATION	110-14130 - Inventory Of Material	42.68
2606352	140471314 140471592	General Fund	05/12/2026	Parts for 132, 922A	110-14130 - Inventory Of Material	102.47
2606509	140471898	General Fund	05/12/2026	DEF PUMP TRLY 929A	110-14130 - Inventory Of Material	1,807.05
2606579	140472097	General Fund	05/12/2026	PDM MASS TRANSIT FOR STOCK	110-14130 - Inventory Of Material	482.49
2606752	14085468	General Fund	05/12/2026	repair unit 9908	110-43500-261 - Mass Transit - Maint. - Vehicles	979.80
2606986	140474446	General Fund	05/12/2026	COOLANT MODULE TRLY 922A	110-14130 - Inventory Of Material	36.77
2606988	140474459	General Fund	05/12/2026	STEERING BOX TRLY 938	110-14130 - Inventory Of Material	2,451.80
2607011	140474551	General Fund	05/12/2026	SENSOR TRLY 922A	110-14130 - Inventory Of Material	30.27
2607019	140474627	General Fund	05/12/2026	PDM FOR MASS TRANSIT	110-14130 - Inventory Of Material	482.49
2607161	140475193	General Fund	05/12/2026	TRLY 9910 DEF HEADER	110-14130 - Inventory Of Material	1,039.99
2607396	140476217	General Fund	05/12/2026	SENSOR,TRLY 923A	110-14130 - Inventory Of Material	95.73
<u>11519 - Pro Pet Distributors, Inc.</u>						916.92
2607291	2004489	General Fund	05/12/2026	Dogi Pot Trash Bags	110-44710-265 - Parks Maintenance - Maint. - Grounds	916.92
<u>17858 - Public Entity Partners</u>						152.80
2607567	2616410-IN	Water/Sewer	05/12/2026	William McGuire Claim WC59656-1 Accident 2-29-24	413-52317-510 - Admin. & General - Insurance	152.80
<u>17914 - Pucketts Grocery & Restaurant</u>						3,907.71
2607273	SPONSORSHIP-GROUP 1	General Fund	05/12/2026	SPONSORSHIP-GROUP TRAVEL CONN	110-47210-237 - Tourism - Advertising	3,907.71
<u>20378 - PVP Communications</u>						99.00
2607122	138209	General Fund	05/12/2026	PVP Adapter for BMW	110-42100-346 - Police - Communication Equipment	99.00
<u>21656 - Ramona Telegdy</u>						270.00
2607369	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	270.00
<u>00618 - Randall Butcher</u>						350.00
2607211	855111	General Fund	05/12/2026	Medals for Arbor Day 5K-May 2, 2026	110-44410-325 - Community Center - Recreation Supplies	350.00
<u>21650 - RapidSOS Inc</u>						11,854.83
2607517	INV18087	General Fund	05/12/2026	Annual Maintenance Rapid SOS 07/01/25-06/30/2026	110-42100-269 - Police - Maint. - Other	11,854.83
<u>21647 - Rebekah Sanders</u>						60.00
2607367	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	60.00

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<u>20683 - Regina Hobbs</u>						1,985.00	
2606990	INV0052647	Boring Bee	General Fund	05/12/2026	Boring Bee Treatments for Transit (Set of 3)	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	750.00
2607278	Boring Bee Treatment fr	General Fund	05/12/2026	Boring Bee Treatment for Fire Hall #1	110-41840-269 - Bldg. Maintenance - Maint. - Other	850.00	
2607647	April 2026	General Fund	05/12/2026	Monthly Pest Control Service	110-41840-269 - Bldg. Maintenance - Maint. - Other	385.00	
<u>07764 - RFC CO dba Johnstone Supply</u>						3,143.33	
2606784	319-S101889269 002	General Fund	05/12/2026	AC repalcement for upstairs @ Utility	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	1,644.00	
2606907	319-S101894118 001	General Fund	05/12/2026	air handler unit at utility building	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	1,419.72	
2607473	S101908025.001	General Fund	05/12/2026	condensate pump & fittings for CH unit	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	57.12	
				condensate pump & fittings for CH unit	110-41840-329 - Bldg. Maintenance - Other Operating Supplies	22.49	
<u>21025 - Robert A Davis</u>						1,849,054.79	
2607443	467-12	General Fund	05/12/2026	Pay AP #12 Police Station Accessory Bldg	110-41990-964 - Other General Govt. - Police Station	644,787.39	
2607446	265-20	General Fund	05/12/2026	Pay AP #20 Police Station Period To 3-31-26	110-41990-964 - Other General Govt. - Police Station	1,204,267.40	
<u>21820 - Robert Hyduk</u>						175.00	
2607388	SCSD Security for Wome	LeConte Center	05/12/2026	SCSD Security for Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	175.00	
<u>17541 - Robert J Young Company LLC</u>						461.08	
2607250	INV8012427	General Fund	05/12/2026	RJYoung INV8012427 - 4/17/26	110-43500-269 - Mass Transit - Maint. - Other	38.00	
2607556	INV8019536	General Fund	05/12/2026	RJ Young INV8019536 - 4/22/26	110-43170-269 - Fleet Maintenance - Maint. - Other	65.87	
2607557	INV802758	General Fund	05/12/2026	RJ Young INV8027358 - 4/27/26	110-42100-269 - Police - Maint. - Other	53.00	
2607559	INV8027394	General Fund	05/12/2026	RJ Young INV8027394 - 4/27/26	110-43500-269 - Mass Transit - Maint. - Other	304.21	
<u>17781 - Rocky Top Ford Lincoln LLC</u>						509.22	
2606980	65982	General Fund	05/12/2026	Diagnose unit 636	110-44710-261 - Parks Maintenance - Maint. - Vehicles	203.50	
2607270	111845	General Fund	05/12/2026	COILS AND PLUGS 718 PD	110-14130 - Inventory Of Material	305.72	
<u>16864 - Rocky Top Harley-Davidson</u>						416.94	
2604485	W.O. Niumber 40545	General Fund	05/12/2026	Repair Unit 802M	110-42100-261 - Police - Maint. - Vehicles	416.94	
<u>12075 - Rogers Petroleum</u>						64,180.48	
2607301	RP10054359	General Fund	05/12/2026	Bulk fuel for fueling station	110-14130 - Inventory Of Material	30,826.87	
2607572	RP10056868	General Fund	05/12/2026	Bulk fuels for fueling station	110-14130 - Inventory Of Material	33,353.61	
<u>17092 - Sevier County Board of Education</u>						28,025.00	
2607328	OUTSIDE MULTI SPORTS	General Fund	05/12/2026	Reimburse Sev. Co Bd of Education-PFJHS Sports Ct	110-21535 - Pigeon Forge Schools Payable	28,025.00	
<u>13028 - Sevier Solid Waste, Inc.</u>						124,993.35	
2607577	April 2026	Sanitation	05/12/2026	Sevier Solid Waste Charges for Service April 2026	123-43230-295 - Sanitation - Landfill Services	110,508.58	
2607655	8610 W/S	Water/Sewer	05/12/2026	Sludge Hauling Fees for the Month of APRIL 2026	413-52213-298 - Sewer Treatment & Disposal - Sludge Fees	14,484.77	

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<u>21796 - Sevierville Lodging Association Inc</u>						100.00
2607340	Sevierville Hospitality As	General Fund	05/12/2026	Sevierville Hospitality Association Mem. 2026	110-47211-235 - Special Events - Memberships	100.00
<u>13497 - Sevierville Welding Supply</u>						716.20
2607412	54984	General Fund	05/12/2026	WELDING WIRE FOR SHOP	110-43170-329 - Fleet Maintenance - Other Operating Supplies	29.90
2607455	55172	General Fund	05/12/2026	WELDING SUPPLIES FOR SHOP	110-43170-329 - Fleet Maintenance - Other Operating Supplies	490.80
2607535	Monthly Cylinder Renta	General Fund	05/12/2026	Monthly Cylinder Rental	110-43100-533 - Street - Equipment Rental	68.00
2607539	3 Monthly Tank Rentals	Sanitation	05/12/2026	3 Monthly Tank Rentals	123-43230-533 - Sanitation - Equipment Rental	25.50
2607541	55096	General Fund	05/12/2026	CYLINDER RENTAL FOR SHOP TANKS MONTH OF APRIL-26	110-43170-533 - Fleet Maintenance - Equipment Rental	102.00
<u>13975 - Shred-It USA</u>						60.75
2607175	8014007578	General Fund	05/12/2026	SHRED IT SERVICES - APRIL 29, 2026	110-47210-269 - Tourism - Maint. - Other	60.75
<u>13034 - Sign Master, Inc.</u>						279.75
2607524	542595	General Fund	05/12/2026	Retirement Clock-Leon Downey 38 Years	110-41990-490 - Other General Govt. - Other Materials	279.75
<u>13652 - Smith Turf & Irrigation</u>						551.32
2606565	7158706	General Fund	05/12/2026	Front Wheels for Toro Zero Turn/Irrigation Plugs	110-44710-265 - Parks Maintenance - Maint. - Grounds	47.34
				Front Wheels for Toro Zero Turn/Irrigation Plugs	110-44710-333 - Parks Maintenance - Equipment Parts	503.98
<u>17763 - Smoky Mountain Farmers Co-op</u>						2,187.91
2606910	5428431	General Fund	05/12/2026	12 inch road tile	110-43100-455 - Street - Tile	441.45
2607028	5433426	Water/Sewer	05/12/2026	Weed Trimmers	413-52113-345 - Water Plant - Machinery	559.98
2607345	5445911	General Fund	05/12/2026	Potting Soil	110-44710-265 - Parks Maintenance - Maint. - Grounds	109.95
2607394	5445497	General Fund	05/12/2026	Fuel Tank	110-43100-345 - Street - Machinery	1,076.53
<u>13405 - Southern Constructors, Inc.</u>						230,754.28
2607178	Dollywood Lane improv	General Fund	05/12/2026	Dollywood Lane improvements, pay application 1	110-41990-900 - Other General Govt. - Capital Outlay	230,754.28
<u>14288 - Southern Pipe & Supply</u>						32,075.00
2605952	10905393-00	Water/Sewer	05/12/2026	Meter Box & Lid	413-14190 - Inventory Of Other Supplies	5,335.00
2606440	10942792-00	Water/Sewer	05/12/2026	6" Ductile Iron Water Pipe	413-14190 - Inventory Of Other Supplies	26,740.00
<u>17683 - Splashtacular LLC</u>						4,450.00
2607315	57526	General Fund	05/12/2026	Water Slide Inspection	110-44410-269 - Community Center - Maint. - Other	4,450.00
<u>13004 - SRA Architects</u>						112,858.82
2607307	5498	General Fund	05/12/2026	Pigeon Forge Public Safety Building Week End 4-19	110-41990-920 - Other General Govt. - Buildings	12,933.82
2607308	5501	General Fund	05/12/2026	Pigeon Forge City Hall Week End 4-19-26	110-41990-920 - Other General Govt. - Buildings	98,925.00
2607321	5504	LeConte Center	05/12/2026	Architectural Services week ending April 19	435-47215-254 - LeConte Center Architecture & Engineering	1,000.00

Receipt Register - Abridged
POPKT06199 - 2026 5-12 CC

Vendor							Vendor Amount
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount	
<u>21643 - Stacey Schehr</u>							266.25
2607368	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services		266.25
<u>12921 - Stansell Electric Company, Inc.</u>							370,159.11
2607468	Sevier Co partners smar	General Fund	05/12/2026	Sevier Co partners smart signals pay app #13	110-80000-922 - Grants - Traffic Signal		370,159.11
<u>20650 - Staples Inc</u>							369.68
2607245	901-958617	General Fund	05/12/2026	8.5 x11 Paper and 8.5 x14 Paper (Stock)	110-41500-310 - City Admin./Finance - Office Supplies		94.95
2607303	48683582	General Fund	05/12/2026	Office Supplies	110-43500-310 - Mass Transit - Office Supplies		274.73
<u>13053 - Stokes Electric Company</u>							1,455.65
2606512	4562591	General Fund	05/12/2026	Stokes	110-44710-265 - Parks Maintenance - Maint. - Grounds		50.65
2606542	4564365	General Fund	05/12/2026	Fuses For Stock	110-43100-247 - Street - Street Lighting		1,405.00
<u>12963 - Stowers Machinery Corp.</u>							540.66
2607279	INWO0902611	LeConte Center	05/12/2026	labor to replace batteries in 3246E scissor lift	435-47215-269 - LeConte Center - Maint. - Other		540.66
<u>21827 - Stowers Machinery Corporation</u>							3,175.00
2606828	K7189001	General Fund	05/12/2026	Generator Rental Police Station Per CC 2-9-26	110-41990-533 - Other General Govt. - Equipment Rental		3,175.00
<u>20806 - Sysco Corporation</u>							1,656.02
2607482	488044068	General Fund	05/12/2026	Wear Farm Concessions Resale Items	110-44410-350 - Community Center - Items For Resale		1,656.02
<u>20500 - Tennessee Drug Testing LLC</u>							475.00
2607433	3402	General Fund	05/12/2026	Randoms 4-29 Transit & Police	110-41990-251 - Other General Govt. - Medical		305.00
2607483	3401	General Fund	05/12/2026	Random 4-30 Joseph Gilson Transit	110-41990-251 - Other General Govt. - Medical		170.00
<u>17505 - Tennessee Pension Administrators LLC</u>							4,501.00
2607335	39565	General Fund	05/12/2026	Deferred Compensation Plan Quarterly Fee 3/31/26	110-41990-594 - Other General Govt. - Retirement - Admin. Costs		2,706.00
2607336	39566	General Fund	05/12/2026	Employee Pension Trust Quarterly Fee 3/31/26	110-41990-594 - Other General Govt. - Retirement - Admin. Costs		1,795.00
<u>21479 - Terrel Jennings</u>							213.75
2607355	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services		213.75
<u>21564 - Terrie Rayburn</u>							75.00
2607476	009561	General Fund	05/12/2026	Flowers-Andrea Bosco Transit (Mother Passed)	110-41990-490 - Other General Govt. - Other Materials		75.00
<u>09295 - The Music Outlet</u>							550.00
2607595	177985	LeConte Center	05/12/2026	DBX 220I Driverack audio mixer north 3 room	435-47215-312 - LeConte Center - Office Equipment		550.00
<u>11456 - The Peterbilt Store</u>							1,245.26
2606238	09P251246	General Fund	05/12/2026	FAN KNOB TK 219 SANITATION	110-14130 - Inventory Of Material		24.14
2606494	09P251903	General Fund	05/12/2026	BRAKE SLACK ADJUSTER TK 220 SANITATION	110-14130 - Inventory Of Material		726.68

Receipt Register - Abridged

POPKT06199 - 2026 5-12 CC

Vendor						Vendor Amount
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount
<u>11456 - The Peterbilt Store</u>						1,245.26
2606802	09P253043	General Fund	05/12/2026	DOOR CHECK KIT TK 225 SANITATION	110-14130 - Inventory Of Material	125.72
2606833	09P2563116	General Fund	05/12/2026	DOOR STOP TK 225 SANITATION	110-14130 - Inventory Of Material	128.58
2606856	09P253158	General Fund	05/12/2026	DOOR PARTS TK 225 SANITATION	110-14130 - Inventory Of Material	147.66
2607065	09P253904	General Fund	05/12/2026	WASHER NOZZLE SANITATION TK 205	110-14130 - Inventory Of Material	17.22
2607400	09P254909	General Fund	05/12/2026	WASHER PUMP TK 217 SANITATION	110-14130 - Inventory Of Material	75.26
<u>14959 - The Thomas Group</u>						14,903.63
2607312	45784	General Fund	05/12/2026	TRAVEL PLANNER INQUIRIES/MAILINGS	110-47210-200 - Tourism - Contractual Services	130.13
2607465	45801	General Fund	05/12/2026	2026-2027 DESTINATION PLANNER	110-47210-200 - Tourism - Contractual Services	2,528.50
				2026-2027 DESTINATION PLANNER	110-47210-237 - Tourism - Advertising	12,245.00
<u>20459 - Thelma R. Wellman</u>						262.50
2607382	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	262.50
<u>21481 - Theresa Wygal</u>						262.50
2607383	Usher labor Women of J	LeConte Center	05/12/2026	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services	262.50
<u>14540 - Thermocopy Of Tennessee, Inc.</u>						1,998.41
2607447	INV916846	General Fund	05/12/2026	Centriworks INV916846 - 4/28/26	110-47212-269 - Community Development - Maint. - Other	65.00
2607563	INV917271	General Fund	05/12/2026	Centriworks IN917271 - 4/30/26	110-41500-269 - City Admin./Finance - Maint. - Other	949.25
				Centriworks IN917271 - 4/30/26	110-41640-269 - Information Technology - Maint. - Other	103.89
				Centriworks IN917271 - 4/30/26	110-42100-269 - Police - Maint. - Other	624.93
				Centriworks IN917271 - 4/30/26	110-42200-269 - Fire - Maint. - Other	133.25
				Centriworks IN917271 - 4/30/26	110-43170-269 - Fleet Maintenance - Maint. - Other	91.78
				Centriworks IN917271 - 4/30/26	110-44410-269 - Community Center - Maint. - Other	30.31
<u>08570 - Thomas A. Kennedy</u>						1,896.50
2607204	0923364	Sanitation	05/12/2026	1 Box Of Coffee	123-43230-324 - Sanitation - Janitorial Supplies	121.95
2607205	0923354	Water/Sewer	05/12/2026	coffee april 2026	413-52114-324 - Water Distribution - Janitorial Supplies	144.70
2607207	0923365	General Fund	05/12/2026	Cream and Sugar	110-44810-324 - Library - Janitorial Supplies	26.00
2607208	0923368	General Fund	05/12/2026	Sugar for Employee Breakroom	110-44410-324 - Community Center - Janitorial Supplies	13.00
2607216	0923357	General Fund	05/12/2026	sugar Invoice 0923357	110-42400-324 - Public Works - Janitorial Supplies	3.25
2607217	0923353	General Fund	05/12/2026	Coffee Supplies	110-42200-324 - Fire - Janitorial Supplies	546.80
2607219	0923358	General Fund	05/12/2026	Coffee - City Hall 4-21-26	110-41500-324 - City Admin./Finance - Janitorial Supplies	121.95
2607222	0923355	General Fund	05/12/2026	Coffee & Creamer	110-43500-324 - Mass Transit - Janitorial Supplies	199.95
2607224	0923357 Com Dev	General Fund	05/12/2026	Sugar	110-47212-324 - Community Development - Janitorial Supplies	3.25
2607225	0923367	Water/Sewer	05/12/2026	Kennedy 100 ct coffee	413-52113-324 - Water Plant - Janitorial Supplies	121.95
2607227	0923363	General Fund	05/12/2026	Coffee restock	110-43170-324 - Fleet Maintenance - Janitorial Supplies	121.95
2607229	0923362	General Fund	05/12/2026	Employee Coffee	110-44710-324 - Parks Maintenance - Janitorial Supplies	121.95
2607240	0923356	General Fund	05/12/2026	Contract Coffee Service	110-42100-324 - Police - Janitorial Supplies	349.80

Receipt Register - Abridged
POPKT06199 - 2026 5-12 CC

Vendor						Vendor Amount
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount
<u>17508 - Tim Webb</u>						144.00
2607274	4636	General Fund	05/12/2026	Business Cards	110-43500-220 - Mass Transit - Printing	144.00
<u>21628 - TKO Mountings LLC</u>						2,149.94
2604795	3531 Balance	General Fund	05/12/2026	Equipment Defensive Tactics Room New Building	110-41990-920 - Other General Govt. - Buildings	2,149.94
<u>04088 - TN Dept of Environment & Conservation</u>						125.00
2607627	Douglas Lake intake per	Water/Sewer	05/12/2026	Douglas Lake intake permit annual fee	413-52317-915 - Douglas Lake Project	125.00
<u>20448 - Todd Miller</u>						180.00
2607607	Umpire Pay - April 21, 2	General Fund	05/12/2026	Umpire Pay - April 21, 2026 - May 1, 2026	110-44410-160 - Community Center - Per Diem	180.00
<u>21825 - Troy Gatlin</u>						105.00
2607506	159028	General Fund	05/12/2026	Scag Mower Repair	110-44710-262 - Parks Maintenance - Maint. - Other Equip.	105.00
<u>21395 - TruBlu Tactical Police Supply</u>						3,374.64
2606175	60000-6668	General Fund	05/12/2026	Acadmey Uniforms Parrott	110-42100-326 - Police - Clothing And Uniforms	729.93
2606178	6000-6835	General Fund	05/12/2026	Duty Uniforms Seagle	110-42100-326 - Police - Clothing And Uniforms	839.89
2606180	6000-6667	General Fund	05/12/2026	Academy Uniforms Seagle	110-42100-326 - Police - Clothing And Uniforms	729.93
2606181	6000-6669	General Fund	05/12/2026	Nametag D. McMahan	110-42100-326 - Police - Clothing And Uniforms	19.99
2607427	2665	General Fund	05/12/2026	Bike Uniform Clabo	110-42100-326 - Police - Clothing And Uniforms	1,054.90
<u>15048 - Truckers Lighthouse</u>						62,566.13
2603851	INV26847	General Fund	05/12/2026	Equipment New Vehicles	110-42100-261 - Police - Maint. - Vehicles	6,300.00
	INV26906	General Fund	05/12/2026	Equipment New Vehicles	110-42100-261 - Police - Maint. - Vehicles	25,200.00
2603852	INV26907	Drug Fund	05/12/2026	Equipment K-9 Vehicle	127-42100-345 - Police - Machinery	29,416.13
2606651	INV26835	General Fund	05/12/2026	Replacement Decal Unit 741	110-42100-261 - Police - Maint. - Vehicles	418.00
2606732	01068CO26153326	General Fund	05/12/2026	Repair Units 756/757	110-42100-261 - Police - Maint. - Vehicles	1,232.00
<u>20311 - TT of Pike LLC</u>						9,523.28
2606051	801219	General Fund	05/12/2026	Repair Unit 741 Crash on 02/17/2026	110-42100-261 - Police - Maint. - Vehicles	6,348.96
2606954	220536 FOW	General Fund	05/12/2026	Misc parts tram 3	110-14130 - Inventory Of Material	750.17
	220536-1 FOW	General Fund	05/12/2026	Misc parts tram 3	110-14130 - Inventory Of Material	103.13
2607429	801219 Balance	General Fund	05/12/2026	Repair Supplement for Unit 741	110-42100-261 - Police - Maint. - Vehicles	2,074.48
2607554	3860	General Fund	05/12/2026	Rear shocks unit 737	110-14130 - Inventory Of Material	246.54
<u>15423 - Uline</u>						204.25
2607581	207652450	LeConte Center	05/12/2026	Traffic cone topper barrier belt	435-47215-329 - LeConte Center - Other Operating Supplies	204.25
<u>17806 - Unifirst Corporation</u>						817.55
2606068	1780224578	General Fund	05/12/2026	Uniform service 03/06/2026	110-43170-326 - Fleet Maintenance - Clothing And Uniforms	117.36
2606242	1780225947	General Fund	05/12/2026	Uniform service 03/13/2026	110-43170-326 - Fleet Maintenance - Clothing And Uniforms	117.36
2606459	1780227366	General Fund	05/12/2026	Uniform service 03/20/2026	110-43170-326 - Fleet Maintenance - Clothing And Uniforms	117.36

Receipt Register - Abridged
POPKT06199 - 2026 5-12 CC

Vendor						Vendor Amount
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount
17806 - Unifirst Corporation						
2606669	1780228690	General Fund	05/12/2026	Uniform service 03/27/2026	110-43170-326 - Fleet Maintenance - Clothing And Uniforms	817.55
2606950	1780231443	General Fund	05/12/2026	Uniform service 04/10/2026	110-43170-326 - Fleet Maintenance - Clothing And Uniforms	117.36
2607114	1780232829	General Fund	05/12/2026	UNIFORMS RENTAL FOR THE WEEK OF 4-17-26	110-43170-326 - Fleet Maintenance - Clothing And Uniforms	117.36
2607300	1780234315	General Fund	05/12/2026	Uniform Service 04/24/2026	110-43170-326 - Fleet Maintenance - Clothing And Uniforms	117.36
17085 - United Refrigeration Inc						
2607352	18824673-00	General Fund	05/12/2026	materials for unit @ station #2	110-41840-266 - Bldg. Maintenance - Maint. - Buildings	298.24
15529 - Univar Solutions USA Inc						
2607057	53862705	Water/Sewer	05/12/2026	5000 +/- Gals Sodium Hydroxide 25% (Caustic)	413-52113-322 - Water Plant - Chemical	5,372.40
15555 - University Of Tennessee						
2607259	2026-4022	General Fund	05/12/2026	Confined Space Rescue Refresher Training	110-42200-148 - Fire - Emp. Education & Training	1,500.00
15559 - USALCO, LLC						
2606849	910227045	Water/Sewer	05/12/2026	51,000 lbs. DelPac 2500 coagulant	413-52113-322 - Water Plant - Chemical	18,360.00
15755 - Veolia Water North America						
2607489	9000247598	Water/Sewer	05/12/2026	For Services for the Month of JUNE 2026	413-52213-243 - Sewer Treatment & Disposal - Sewer	220,606.08
				For Services for the Month of JUNE 2026	413-52213-259 - Sewer Treatment & Disposal - Other Prof. Services	176,936.50
						43,669.58
15576 - Vermeer Heartland of Tennessee						
2607174	P22148	General Fund	05/12/2026	FILTERS AND FITTINGS 321E UTILITY	110-14130 - Inventory Of Material	156.69
2607184	P22143	General Fund	05/12/2026	Cap for tank on 321E	110-14130 - Inventory Of Material	117.16
00606 - Vexus International Inc.						
2606324	65180EA	General Fund	05/12/2026	3x5 USA, State of TN, & City Flags - Citywide	110-44710-329 - Parks Maintenance - Other Operating Supplies	3,833.95
2607261	65166EDB	General Fund	05/12/2026	Greenway Signage Patriot Park	110-44710-265 - Parks Maintenance - Maint. - Grounds	3,508.95
15762 - Vickers, Crisp, & Russell P.C.						
2607337	260206	General Fund	05/12/2026	Westside Connector Tract 36 - Linda Ogle	110-41990-252 - Other General Govt. - Legal Services	325.00
15572 - Vulcan Materials Co.						
2607348	6325568	Water/Sewer	05/12/2026	crusher run stockpile	413-52114-452 - Water Distribution - Gravel And Sand	1,134.00
2607406	6336085	Water/Sewer	05/12/2026	crusher run stockpile	413-52114-452 - Water Distribution - Gravel And Sand	4,821.49
17941 - Watson, Roach, Batson & Lauderback PLC						
2607532	50468	General Fund	05/12/2026	Pigeon Forge - Doug Race 3-30-26 to 4-24-26	110-41990-252 - Other General Govt. - Legal Services	3,528.94
15790 - Wayne Blalock's Home Center						
2606706	261093	General Fund	05/12/2026	Primer bulb for utility dpt cut off saw	110-14130 - Inventory Of Material	1,292.55
2606983	262768	General Fund	05/12/2026	IGNITION MODULE UTILITY SAW	110-14130 - Inventory Of Material	174.37
						11.99
						149.39

Receipt Register - Abridged

POPKT06199 - 2026 5-12 CC

Vendor						Vendor Amount	
Purchase Order	Invoice	Bank Code	Post Date	Description:	Account	Item Amount	
<u>15790 - Wayne Blalock's Home Center</u>							
2607123	263444	General Fund	05/12/2026	DIP STICK TK 404 COMPRESSOR GARAGE	110-14130 - Inventory Of Material		174.37
						12.99	
<u>21280 - Whaley Construction LLC</u>							
2607464	Pay App #2 - Feb-May 3	General Fund	05/12/2026	Ogle Drive bridge replacement pay app 2	110-43100-900 - Street Capital Outlay		227,621.85
						227,621.85	
<u>20463 - William H. Mitchell</u>							
2607357	Usher labor Women of J	LeConte Center	05/12/2027	Usher labor Women of Joy #2 Apr 24-26	435-47215-200 - LeConte Center - Contractual Services		202.50
						202.50	
<u>16540 - Worldwide Equipment Of TN, Inc</u>							
2606975	661380797	General Fund	05/12/2026	BRAKE DRUM TK 207 SANITATION	110-14130 - Inventory Of Material		1,637.58
2607145	661380792	General Fund	05/12/2026	BRAKE SHOES TK 207,200 SANITATION	110-14130 - Inventory Of Material		885.60
						751.98	
<u>15793 - Wurth Usa Inc.</u>							
2605691	98825994	Sanitation	05/12/2026	Gloves, Eye Glasses, Winter Rain Jackets Hard Hats	123-43230-326 - Sanitation - Clothing And Uniforms		1,323.64
	98828875	Sanitation	05/12/2026	Gloves, Eye Glasses, Winter Rain Jackets Hard Hats	123-43230-326 - Sanitation - Clothing And Uniforms		33.96
						1,289.68	
<u>21383 - Zetron Inc</u>							
2504720-R1	90450315	General Fund	05/12/2026	Station Alerting for New Fire Station	110-41990-920 - Other General Govt. - Buildings		16,461.08
	90450574	General Fund	05/12/2026	Station Alerting for New Fire Station	110-41990-920 - Other General Govt. - Buildings		11,081.08
						5,380.00	
<u>17898 - Zip's AW Direct</u>							
2606684	SO371512	General Fund	05/12/2026	COMPRESSOR FOR TRAM CAR FOR STOCK	110-14130 - Inventory Of Material		4,967.98
						4,967.98	
Report Total:							8,141,988.73

Agenda Memorandum



CITY COMMISSION

Meeting Date: 5/11/26

Submitted by: David Taylor

Department: Community Development

Item Caption: Russie Gap is a request to rezone 4.03 acres (Tax Map 093, Parcel 049.02) from R-1 to R-2. The parcel is adjacent to Covered Bridge Resort and annexed in 2024 with the intent of becoming a part of the existing PUD. Utilities will be private and connect with the existing water and sewer inside the resort. The Planning Commission reviewed the request at the March 24th meeting and recommend in favor of the rezoning.



Attachments: 2



Action Requested: Recommend Approval



Financial Summary

☐

Budgeted Expense

Account Details:

☐

Unbudgeted Expense

Details:

☒

Not Applicable

ORDINANCE NO. 2026 – 1192

**AN ORDINANCE TO AMEND THE ZONING MAP OF
PIGEON FORGE, TENNESSEE BY REZONING
PARCEL 049.02 OF SEVIER COUNTY TAX MAP 093,
LOCATED ON RUSSIE GAP ROAD, FROM THE R-1
(LOW DENSITY RESIDENTIAL) DISTRICT TO R-2
(HIGH DENSITY RESIDENTIAL) DISTRICT.**

BE IT ORDAINED, by the Mayor and Board of Commissioners of the City of Pigeon Forge, Tennessee, that:

SECTION 1. The zoning map of Pigeon Forge, Tennessee shall be amended to reflect the rezoning of Parcel 049.02 of Sevier County Tax Map 093 from the R-1 (Low Density Residential) District, to R-2 (High Density Residential) District, as shown on the attached map. The property is located on Russie Gap Road, encompassing approximately 4.03 acres.

SECTION 2. This ordinance shall take effect 15 days after its final passage, the public welfare requiring it.

APPROVED: _____
Mayor

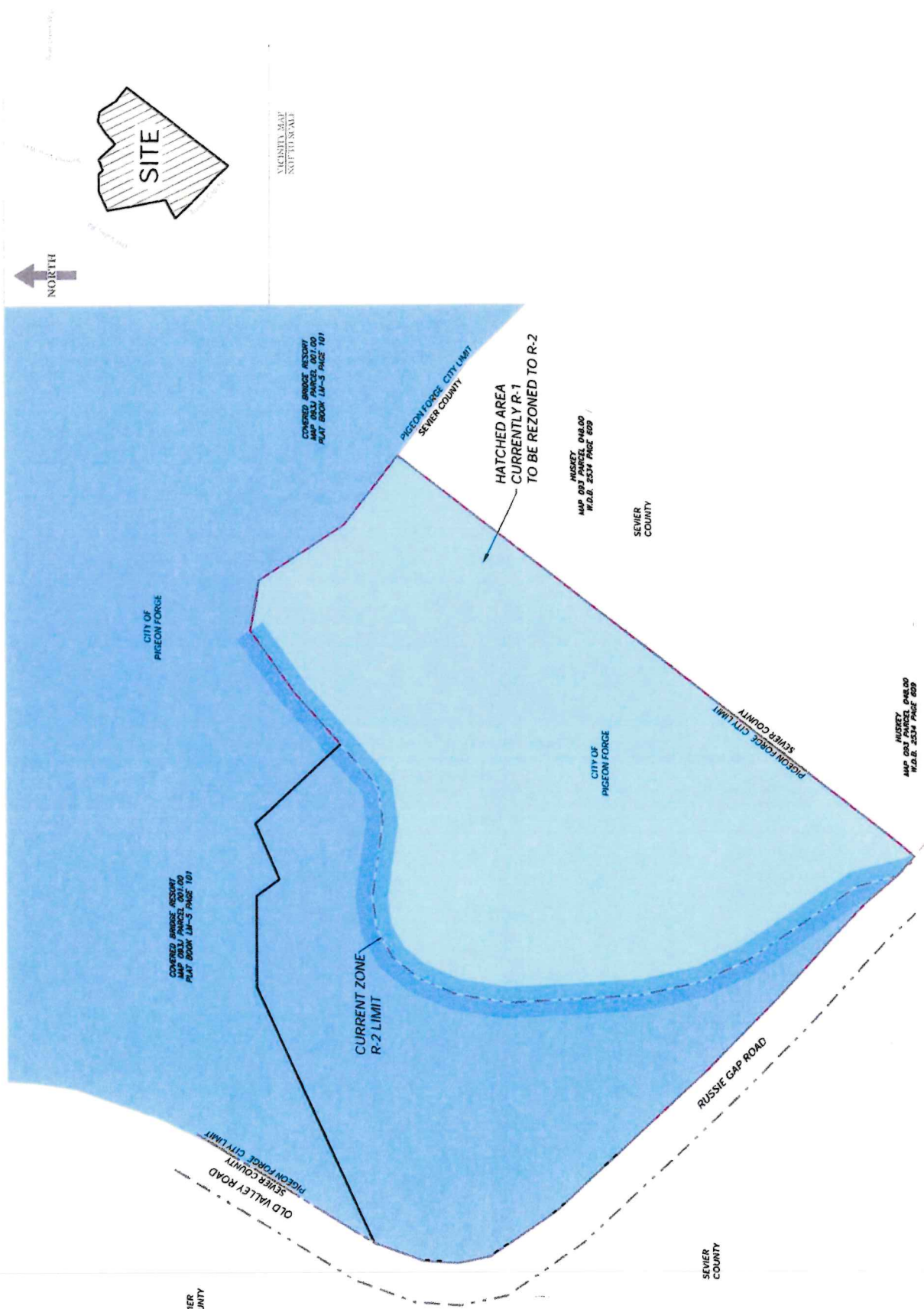
ATTEST: _____
City Recorder

APPROVED AS TO FORM: _____

Passes by Planning Commission: March 24, 2026

Passed on First Reading: April 13, 2026

Passed on Second Reading: _____



ASCENT
ENGINEERING & SURVEYING
201 E. GREENSBORO AVENUE, SUITE 100
PIGEON FORGE, TN 37863
www.ascentinc.com

MADE FOR:
CAPITAL INVESTMENT
PARTNERS, LLC
320 PICKEL ST
PIGEON FORGE, TN

DATE	BY	SCALE
11/11/2008	ALP	1"=400'

REZONING EXHIBIT

RUSSIE GAP ROAD
PIGEON FORGE, TN

Agenda Memorandum



CITY COMMISSION

Meeting Date: 5/11/26

Submitted by: David Wear

Department: Human Resource

Item Caption: Discussion and consideration to update the City of Pigeon Forge Social Media and Internet Posting policy based on a policy update produced and recommended by MTAS.



Attachments: 4



Action Requested: Recommend Approval



Financial Summary

☐

Budgeted Expense

Account Details:

☐

Unbudgeted Expense

Details:

☒

Not Applicable

RESOLUTION NO. 2026-970

A RESOLUTION OF THE CITY OF PIGEON FORGE, TENNESSEE, ADOPTING A SOCIAL MEDIA POLICY FOR CITY OFFICIALS AND EMPLOYEES

WHEREAS, the City of Pigeon Forge (“City”) recognizes that social media platforms are increasingly used as tools for communication, community engagement, and dissemination of public information; and

WHEREAS, the City desires to establish clear guidelines for the appropriate use of social media by its officials and employees to ensure consistency, professionalism, transparency, and compliance with applicable laws; and

WHEREAS, the City further seeks to protect its reputation, maintain public trust, and ensure that official communications are accurate and authorized; and

WHEREAS, it is necessary to distinguish between official City social media accounts and personal use of social media by City officials and employees; and

WHEREAS, the adoption of a formal Social Media Policy will provide guidance on acceptable practices, content management, record retention, and compliance with public records laws and the First Amendment;

NOW, THEREFORE, Be It Resolved by the Mayor and Board of Commissioners of the City of Pigeon Forge, Tennessee,

SECTION 1. ADOPTION OF POLICY.

The Social Media Policy attached hereto as *Exhibit A* is hereby adopted as the official policy governing the use of social media by the City of Pigeon Forge.

SECTION 2. PURPOSE AND SCOPE.

The Social Media Policy shall apply to all City departments, employees, and officials who create, manage, or contribute to official City social media accounts, as well as provide guidance for personal use where such use may reflect upon the City.

SECTION 3. ADMINISTRATION.

The City Manager, or designee, is authorized to administer, interpret, and enforce the Social Media Policy and to develop any necessary procedures, forms, or guidelines consistent with this Resolution.

SECTION 4. TRAINING AND COMPLIANCE.

The City may require training for employees and officials responsible for managing or posting to official social media accounts. Compliance with the Social Media Policy is mandatory, and violations may result in disciplinary action in accordance with City personnel policies.

SECTION 5. LEGAL COMPLIANCE.

All use of social media by the City shall comply with applicable federal and state laws, including but not limited to public records laws, open meetings laws, copyright laws, and constitutional protections.

SECTION 6. SEVERABILITY.

If any section, subsection, sentence, clause, or provision of this Resolution is held invalid, such invalidity shall not affect the validity of the remaining portions of this Resolution.

SECTION 7. EFFECTIVE DATE.

This Resolution is effective upon adoption, the welfare of the Citizens of Pigeon Forge, Tennessee requiring it.

ADOPTED this the _____ day of May, 2026.

APPROVED:

MAYOR

ATTEST:

CITY RECORDER

APPROVED AS TO FORM:

CITY ATTORNEY



SOCIAL MEDIA USE AND INTERNET POSTING

SECTION 1: POLICY STATEMENT

Social media has become a crucial tool for public officials to provide a direct line of communication to their constituents (and vice versa). Platforms such as Facebook, X (Twitter), and Instagram allow municipalities and public officials to share updates, respond to public comments and concerns, and build stronger relationships with their communities and constituents. However, social media also introduces complex legal challenges, particularly under the First Amendment. This policy provides guidance for municipalities and public officials on the use of both personal and public social media activity that constitutes "state action" and implicates constitutional requirements.

This policy applies to every employee currently employed by the City of Pigeon Forge in any capacity who posts any material, whether written, audio, video, or otherwise, on any website, mobile device application, blog, or any other medium accessible via the Internet. Employees' use of the City of Pigeon Forge's social media to support or oppose individual political candidates, political parties, or any ballot measure is strictly prohibited.

The City of Pigeon Forge welcomes a person's right to express opinions and encourages comments. The City of Pigeon Forge cannot limit personally directed abusive or antagonistic speech because it's facially unconstitutional. The City of Pigeon Forge reserves the right to remove any comments that are inappropriate, as defined more fully below.

For purposes of this policy, social media is content created by individuals using accessible, scalable technologies on the internet. Examples of social media include, but are not limited to: Facebook, Instagram, blogs, RSS, YouTube, X (Twitter), LinkedIn, discussion forums, and online collaborative information and publishing systems accessible to internal and external audiences (e.g., wikis, including Wikipedia).

Employees shall abide by the terms of use, rules, and guidelines of each social media platform used. By posting on the City of Pigeon Forge sites, an employee may be granting the City of Pigeon Forge an irrevocable, perpetual, non-exclusive license to use and distribute content for any purpose, commercial, advertising, or otherwise. Employees who violate this policy are subject to discipline, up to and including termination.

SECTION 2: CITY OF PIGEON FORGE-OWNED OR CREATED SOCIAL MEDIA

The City of Pigeon Forge maintains an online presence. The provisions of this section apply to City of Pigeon Forge employees posting content in an official capacity on a City of Pigeon Forge-owned or created social media platform or on any other platform. Unless authorized, an employee may not characterize himself or herself as representing the City of Pigeon Forge directly or indirectly.

All City of Pigeon Forge social media sites and platforms representing the City of Pigeon Forge in an official capacity must be created pursuant to this policy and be approved by the City Manager. Accounts and pages should, where possible, feature the official City of Pigeon Forge name and logo. The City of Pigeon Forge's social media platforms are also encouraged to use official City of Pigeon Forge Graphic Identity Standards for color, logo, seal, type font, marks, etc. The City of Pigeon Forge maintains a primary and predominant internet presence defined by the City Manager, and no other website, blog, or social media site shall characterize itself as such. Whenever possible, a social media site or platform shall link or otherwise refer visitors to the City of Pigeon Forge's main website. The City manager or the City manager's designee shall coordinate the upkeep of content on social media sites or platforms created pursuant to this policy.

All City of Pigeon Forge social media sites and platforms are subject to the Tennessee Public Records Act (T.C.A. § 10-7-101, et seq.), and no social media site or platform shall be used to circumvent or otherwise violate this law. All lawful records requests for information contained on a City of Pigeon Forge social media site or platform shall be directed to the Public Records Request Coordinator and fulfilled by any employee whose assistance is required. Every social media site or platform shall contain a clear and conspicuous statement referencing the state law. All official postings on a City of Pigeon Forge social media site or platform shall be preserved to the extent possible in each platform in accordance with any applicable retention policy.

A social media site or platform shall also contain a clear and conspicuous statement that the purpose of the site or platform is to serve as a mechanism for communication between the City of Pigeon Forge and its citizens/customers and that all postings are subject to review and deletion by the City of Pigeon Forge, to the extent permitted by law. City of Pigeon Forge social media sites and platforms shall include a disclaimer notifying the public that their images may be captured and included on the sites and platforms. Social media sites maintained by the City of Pigeon Forge are considered "limited forums" that exist where the City of Pigeon Forge makes its property generally available. The City of Pigeon Forge may regulate private commentary unrelated to its content through reasonable time, place, and manner restrictions. If a person makes a comment outside the purview of the topic, the City of Pigeon Forge can restrict the speech if the restriction is both reasonable and viewpoint-neutral.

The following content posted by non-City of Pigeon Forge personnel is not allowed and will be removed from City of Pigeon Forge social media sites and platforms:

- a. Content that is used to defame, abuse, harass, stalk, threaten, or violate the rights of others;

- b. Content that promotes, fosters, or perpetuates discrimination on the basis of race, color, religion, gender or gender identity, age, national origin, disability, military status, genetic information, communication with an elected public official, free speech, refusing to participate in or remain silent about illegal activities, exercising a statutory constitutional right or any right under clear public policy, political affiliation, or any other basis protected by law, creed, or status with regard to public assistance
- c. Contains personal information about another person or violates a person's privacy;
- d. Sexual content or links to sexual content;
- e. Solicitations of commerce or advertisements;
- f. Encouragement of illegal conduct, incitement of violence, or harassment;
- g. Links to third-party sites and platforms; or
- h. Content that violates a legal ownership interest of any other party
- i. Spam, defined as repeatedly posting the same or similar comments in a way that objectively interferes with the public dialogue.

The City of Pigeon Forge should avoid deleting or monitoring speech on the basis that it may be obscene or considered profane. Courts, including the United States Supreme Court, have historically had great difficulty defining terms like obscene or profane in a meaningful manner, because such terms are inherently ambiguous.

Administration of the City of Pigeon Forge's social media sites and platforms.

- a. The Information & Technology staff will review, test, and technically approve social media tools and implementation for use by City of Pigeon Forge staff.
- b. The City manager or City manager's designee will maintain an authorized site/platform list of all City of Pigeon Forge social media sites and platforms, including login and password information. When a new City of Pigeon Forge social media site or platform is created, the employee authorized to create the site or platform will notify the City manager or City manager's designee for inclusion on the authorized site/platform list.
- c. The City of Pigeon Forge must be able to immediately edit or remove content posted by staff serving as administrators for City of Pigeon Forge social media sites and platforms.
- d. It is the responsibility of the City of Pigeon Forge to preserve all content posted on all social media sites, including but not limited to comments that are subsequently deleted by the appropriate City of Pigeon Forge official or anyone who posts on social media and deletes their content to comply with open records requirements.
- e. The City of Pigeon Forge manager or the City of Pigeon Forge manager's designee shall have the authority to monitor, edit, and approve all departmental social media posts for consistency, clarity, information accuracy, grammatical accuracy, and spelling accuracy.

Rights and permissions must be secured before posting, sharing, or distributing copyrighted materials, including but not limited to: music, art, copyrighted photographs or texts, portions of copyrighted video, or information considered proprietary by a City of Pigeon Forge employee,

vendor, affiliate, or contractor. Authorized employees must secure written permission prior to using/incorporating any copyrighted or proprietary materials except when such material is covered under Fair Use provisions.

An employee must not post content on City of Pigeon Forge sites and platforms that might be embarrassing to an individual, or that could be construed as placing a customer, employee, or other individual in a negative or false light. An employee must not post content that might cause someone to believe that his/her name, image, likeness, or other identifying aspect of his/her identity is being used, without permission, for commercial purposes. Employees shall not post any content to a City of Pigeon Forge social media site or platform for their financial gain or for the financial gain of any other person or entity. A City of Pigeon Forge employee posting on a City of Pigeon Forge social media site or platform shall take reasonable care not to disclose any confidential information in any posting.

SECTION 3: NON-CITY OF PIGEON FORGE SOCIAL MEDIA

This section applies to City of Pigeon Forge employees posting social media content to non-City of Pigeon Forge-created social media sites and platforms in their personal capacity. Employees are prohibited from posting content on the Internet that could be construed as an act of unlawful harassment, a threat, or evidence of unlawful discrimination. Employees are free to make social media comments on matters of public concern, employee social media comments shall not:

- a) Impair discipline by superiors or harmony among co-workers;
- b) Have a detrimental impact on close working relationships for which personal loyalty and confidence are necessary;
- c) Impede the performance of the employee's duties or interfere with the regular operations of the municipality; or
- d) Undermine the mission of the City of Pigeon Forge or any of its departments.

Employees should limit their personal Internet activities to non-working hours, meal periods, and/or rest breaks. An employee may not characterize himself or herself as representing the City of Pigeon Forge, directly or indirectly, in any online posting unless done pursuant to a written policy of the City of Pigeon Forge. The simultaneous use of a City of Pigeon Forge email address, job title, official City of Pigeon Forge name, or logo in conjunction with a posting may be evidence of an attempt to represent the City of Pigeon Forge in an official capacity. Other communications leading a reasonable viewer to conclude that a posting was made in an official capacity may also be deemed evidence to represent the City of Pigeon Forge in an official capacity.

Any postings on non-City of Pigeon Forge social media sites and platforms made in an official capacity may be subject to the Tennessee Public Records Act. A City of Pigeon Forge employee posting on a non-City of Pigeon Forge social media site or platform shall not disclose any confidential information held by the City of Pigeon Forge in any posting. **When posting in a personal capacity, an employee should take reasonable care to distinguish that their content is a personal expression and not that of the City of Pigeon Forge.**

Agenda Memorandum



CITY COMMISSION

Meeting Date: 5/11/26

Submitted by: Mike Cooper

Department: Fire Department

Item Caption: The City of Pigeon Forge Fire Department is requesting the purchase of communications equipment from Land Air Total Communications in the amount of \$211,878.48. These items will be purchased using the \$ 159,192.06 Equipment Return Authorization from Motorola Solutions, and funding specified in the 2025-2026 budget for the remainder of the cost. The requested communications equipment will be purchased utilizing the Sevier County Multi-Protocol Digital Radio and Services bid contract.



Attachments:



Action Requested: Recommend Approval



Financial Summary



Budgeted Expense

Account Details: \$ 37,757.34 will come out of line 945-02
\$ 14,444.14 will come out of line 945-01



Unbudgeted Expense

Details:



Not Applicable



Post Office Box 37
Kodak, TN 37764-0037

TWO Locations to Serve You
Sevierville • Pigeon Forge • Gallatinburg Johnson City • Kingsport • Bristol
144 Knife Works Lane 148 Old Gray Station Rd
Sevierville, TN 37876 Johnson City, TN 37615
(865) 453-2300 (423) 283-0618

QUOTATION

21009385

DATE 4/27/2026
TERMS Net 15
CUST PO # _____
SHIP VIA _____

Bill To:

PIGEON FORGE FIRE DEPARTMENT
PO BOX 1350
PIGEON FORGE, TN 37868

Ship To:

PIGEON FORGE FIRE DEPARTMENT
PO BOX 1350
PIGEON FORGE, TN 37868

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QTY.	ITEM NO.	DESCRIPTION	PRICE	DISC	EXTENDED
31	EFJ VP-8000-V/U/7/800MHZ	VP8000 TRI BAND CONFIGURATION (P25 CONVENTIONAL, P25 PHASE 1, P25 PHASE 2, NEXEDGE CONVENTIONAL, NEXEDGE TRUNKING, BLACK HOUSING, 3900MAH, OTIP OTAP, SDI, VPN, FIRE SAFE COMMANDER, MAN DOWN, FIRESAFE COMMANDER, MULTIBAND ANTENNA, CHARGER)	\$8,412.30		\$260,781.30
-1	DISCOUNT	CUSTOM PRICING MODEL	\$75,959.30		(\$75,959.30)
4	EFJ VM-8000	MULTIBAND MOBILE UNIT (P25 VHF, UHF, 700/800MHZ) ALL P25 KEYS, NEXEDGE KEYS, OTIP, OTAP, ARC4, IGNITION SENSE, REMOTE ADVANCED HEAD	\$9,471.60		\$37,886.40
4	BROW BR136	MULTIBAND MOBILE ANTENNA UHF VHF 700, 800, 900 MHZ	\$119.00		\$476.00
-1	DISCOUNT	DISCOUNT - CUSTOMER SALES	\$11,305.92		(\$11,305.92)

NOTES:

SUBTOTAL \$211,878.48
SHIPPING \$0.00
SALES TAX \$0.00

All Quotations valid for 30 days unless otherwise specified. Your signature is acceptance of the pricing, terms and conditions stated within this Quotation.

Quotation Total \$211,878.48

AUTHORIZED BY: _____ Please PRINT Name

SIGNATURE : _____ DATE : __/__/____

QUOTATION ONLY
Do not pay from this document.



September 29, 2025

Land Air Total Tri Cities Communications LLC
PO BOX 37
Kodak, TN 37764

Re: Multi-Protocol Digital Radio and Services

Mr. Austin Jenkins

I hope this letter finds you well. I would like to express our gratitude for your willingness to work with Sevier County and for the time and effort you dedicated to your bid proposal.

On behalf of the Sevier County Sheriff's Office and the Sevier County Finance Department, please allow this letter to serve as a formal notification we have decided to award the contract for Multi-Protocol Digital Radio and Services to your organization.

Best Regards,

Alicia Viviano
Procurement Coordinator



Equipment Return Authorization (ERA) Request Form

NOTE: This form is utilized to request a return for item(s) on a COF Factory Order (FO) which is a direct, non project related order

Form Instructions: Please type text or select values from the yellow filled fields. Once completed, email the form to the Territory Sales Support Resource. If typed or selected values need to be cleared from the cell, select the cell and press the delete button on the keyboard

Type the following information in the yellow filled fields:

Customer Name:	PIGEON FORGE, CITY OF
Customer Number:	1011844182
COF FO Number:	3203809040
Dollar value of the item(s) to be returned:	\$159,192.06

Click on the yellow filled fields and select the applicable response to the following questions:

Is the Equipment new and in the original packaging?	Yes
Should the Customer be charged a restocking fee?	No

[Click here to determine if a restocking fee applies](#)

Type the following information in the yellow filled fields for the item(s) being returned:

COF Line / Item Number	Part / Model Number	Ship Date of Line Item	Quantity to Return	Equipment Serial Number - if applicable
------------------------	---------------------	------------------------	--------------------	---

Bid Specifications

Multi-Protocol Digital Radio Equipment and Services

Please provide bid for the following:

Multi-Protocol Digital Mobile Radios
Multi-Protocol Digital Portable Radios
Communication System Airtime Agreement
Automatic Vehicle Location – Equipment and Services

Winning Bid must be valid for a minimum of 5 years with no more than 3% annual increase on services after first year unless otherwise modified or extended in writing and mutually agreed upon by both parties.

Bids must include programming on equipment purchased thru this Bid process to make radio functional on Conventional Repeaters, NXDN® Multi-site Trunking System; that is already in place for Sevier County, TN; and any purchases from this Bid for use on the TACN trunked radio system with a working relationship with TACN administration. Radio must have a minimum of 3 years mfr. warranty on labor & parts and a minimum of 1-year manufacturer warranty on all accessories. Please list cost of each radio and a detailed listing of all available options and their associated costs separately.

General Specifications for Multi-Protocol Digital Radio Unit

1. Must be available in Lowband (39-50mhz), VHF (136-174mhz), UHF (380-470) (450-520mhz), and 700/800mhz in Public Safety version and VHF (136-174mhz), UHF (400-470) (450-520mhz), and 800/900mhz in alternate non-Public Safety version (Local Government users).
2. Public Safety units to have Multi-Protocol operation providing analog modes of FM Conventional and LTR Analog and at least 2 of 3 of the following digital modes; FDMA/FSK, Project 25, DMR. FDMA/FSK Digital shall be Conventional/Type 'C' Trunking, Project 25 shall be Conventional/Phase 1 and 2 Trunking modes, and DMR shall be Conventional / Tier 2/Tier 3/ S-Trunking protocols. Non-Public Safety units to be as above but 1 digital mode capable of FDMA (NXDN) / DMR selectable via software.
3. Radio(s) shall be capable of the following emission types: 16K0F3E, 11K0F3E, 8K10F1W, 8K10F1E, 8K10F1W, 8K30F1E, 8K30F1D, 8K30F7W, 7K60FXD, 7K60FXE, 4K00F1E, 4K00F1D, 4K00F2D.
4. Frequency stability shall be at least ± 1.0 ppm or better.
5. Public Safety units to have 512CH/GID/128 zone trunk memory capacity, max channel capacity of 1024 channels with expansion capability up to 4000 channels. Will have microSD/microSDHC memory card slot for expansion. Non-Public Safety units to have channel expansion to 1000 channels on certain models. Any DMR capable units must support 2-slot direct mode.
6. Shall have full NXDN® feature set including AMBE+2 Vocoder, Emergency Call, Status Messaging, Remote Stun/Kill, Remote Check, GPS Location w/voice, NXDN® Scrambler, Over-the-Air-Programming (OTAP), and Multi-Site IP Network Compatible with Automatic Site Roaming Capability.
7. Shall have full Project 25 feature set including Conventional mode, Phase 1 and Phase 2 Trunking, AMBE+2 Enhanced Vocoder, Talk Group ID lists, Individual ID Lists, Caller ID Display, Remote Monitor/Remote Check, Radio Inhibit, Encryption Key Zeroize & Retention, P25 GPS Location, P25 Over-the-Air Re-keying, and Over-the-Air Programming.
8. Encryption capabilities to include voice inversion scrambling for analog modes, 15-bit and 56-bit DES for FDMA NXDN mode, ARC4 for DMR mode, and as option AES 256 / FIPS140-2 and shall be capable to load encryptions via software and/or KVL3000+ / KVL4000 key loader device.
9. Built-in GPS receiver capable of showing current coordinate information via screen and/or accessible via the serial communication port to external applications.
10. Built-in Bluetooth for hands-free operation via compatible with Ver 3.0 headset and providing serial communications port profiles for external applications.
11. Active Noise Reduction (ANR) utilizing built-in DSP for suppression of ambient noise.
12. Equipment manufacturer must be ISO9001 Certified. Equipment must meet MIL-STD 810 C/D/E/F and IP54/55 ratings.

Specific Requirements for Multi-Protocol Digital Mobile Radio Units

1. **Public Safety generation units to have configuration capabilities in any combination of 1 to 3 RF decks, dash mount or remote mount via 1 or 2 control heads. Control heads to be available in basic or full feature models. Non-Public Safety units to be single band only but with remote control head option.**
2. **Mobile radio units to have band capabilities, power levels, and operable modes:**

Bands	Power	Operable Modes	Market
Lowband VHF (39-50mhz)	110 Watts	Analog/NXDN	Public Safety
VHF (136-174mhz)	50 Watts	Analog/NXDN/DMR/P25	Public Safety
VHF (136-174mhz)	50 Watts	Analog/NXDN/DMR	non-Public Safety
VHF (136-174mhz)	110 Watts	Analog/NXDN/P25	Public Safety
UHF (400-470, 450-520mhz)	45 Watts	Analog/NXDN/DMR	non-Public Safety
UHF (380-470, 450-520mhz)	50 Watts	Analog/NXDN/DMR/P25	Public Safety
UHF (380-470, 450-520mhz)	100 Watts	Analog/NXDN/P25	Public Safety
800/900mhz	15 Watts	Analog/NXDN/DMR	non-Public Safety
700/800mhz	35 Watts	Analog/NXDN/DMR/P25	Public Safety

3. **Must have rear Accessory Port w/ programmable inputs and outputs.**
4. **Public Safety units to have 65,536-color Transflective (TFT) multi-line color display, 2.55 inch (154 x 422 pixel) and Integrated luminance sensor for auto backlight adjustment. Optional full-feature remote-control head with TFT full color display, 2.75 inch (240 x 400 pixel). Easy to follow GUI and Multi-line text operation. Non-Public Safety units to have monochrome 4-line LCD.**

Specific Requirements for Multi-Protocol Digital Portable Radio Units

1. **Public Safety Units to be available in standard / full key models. Non-Public Safety units to be available in standard / full key and non-display models.**
2. **Portable units to have band capabilities, power levels, operable modes and battery capacities as shown below. Radio(s) should have the option of CSA Intrinsically Safe.**

Bands	Power	Operable Modes	Market	Battery Options
VHF (136-174mhz)	5 Watts	Analog/NXDN/DMR	non-Public Safety	1480/2000/2860mAh Li-ion
VHF (136-174mhz)	6 Watts	Analog/NXDN/DMR/P25	Public Safety	2000/2600/3400mAh Li-ion
UHF (400-470, 450-520mhz)	5 Watts	Analog/NXDN/DMR	non-Public Safety	1480/2000/2860mAh Li-ion
UHF (380-470, 450-520mhz)	5 Watts	Analog/NXDN/DMR/P25	Public Safety	2000/2600/3400mAh Li-ion
800/900mhz	3 Watts	Analog/NXDN/DMR	non-Public Safety	1480/2000/2860mAh Li-ion
700/800mhz	3 Watts	Analog/NXDN/DMR/P25	Public Safety	2000/2600/3400mAh Li-ion

3. **Public Safety units to have 65,536-color Transflective (TFT) multi-line color display, 1.74 inch (240 x 180 pixel). Non-Public Safety units to have monochrome 4-line display.**
4. **Public Safety units to have Dual Microphone digital noise cancelling built-in. Must support speaker-mics with dual-microphones for noise cancelling via the radios built-in DSP.**

Specifications for Communications System Airtime Agreement

This specification describes the Airtime agreement for the subscriber units. The Customer shall own the subscriber units (no leased units). The Dealer shall own, operate and maintain the Communications System Infrastructure as a SMR System Operator in a Public / Private partnership arrangement and shall do so according to the rules and regulations set forth and established by the Federal Communications Commission. Dealer shall also maintain such infrastructure equipment as to provide digital trunking channel capacity, frequencies, FCC Licensing, system licensing fees and other associated costs to ensure a compatible 24/7/365 operational environment with redundant backups for Public Safety use.

Dealer Requirements

- Dealer must be able to provide documentation and proof that it is certified and competent to provide the requested services; i.e. FCC Certification, References, etc.
- Provide multi-site digital trunking system operational on at least 5 sites to ensure adequate coverage for the Sevier County TN Public Safety entities.
- Provide unlimited airtime as needed by each department.
- Pricing shall be on a monthly basis per subscriber unit.
- Equipment must be programmed and provisioned to operate with existing infrastructures and system.
- All subscriber equipment sold must meet specifications listed previously including, but not limited to, Project 25 support thru firmware upgrade or license addition.
- Dealer must provide the necessary number of communication channels required to maintain a system loading factor that keeps in reserve adequate resources available to allow for busy event times.
- Dealer is responsible for all maintenance costs to keep system operational for a 24/7/365 Public Safety environment while keeping downtime to an absolute minimum. During maintenance downtime or in the event of failure, a fully redundant backup equipment and deployment plan must already be in place, maintained, and operational 24/7/365 ready for immediate switch-over when needed.

Specifications for Automatic Vehicle Location Equipment and Services

This bid specification is for the County of Sevier TN Wide area AVL/GPS Fleet Tracking System. The GPS tracking Server shall be owned, operated, and maintained by the Dealer and the Dealer shall provide as a service to the Customer unlimited connection time via Internet. Internet connection on Customer side will be provided by the Customer.

- **Log-in connection methods shall be Secure Web browser based supporting Edge, IE, Firefox, or other compatible web browsers.**
- **No required customer premises radios for data transmission as all data shall be through secured IP connection to Dealers server.**
- **Web connection or client software must have map capability of street view, aerial view and topographical capabilities as well as integration of the Sevier County ESRI based GIS map.**
- **Automatic updating of vehicle location with a minimum of 60 second intervals.**
- **Must be able to see all asset formats on the chosen map format simultaneously.**
- **Ability to visually see multiple status inputs (GPIO's) such as Emergency Lights On, Emergency Man Down, Ignition Status, Etc.**
- **Automatic E-mail notifications option for speeding vehicles, geofence violations, and other preconfigured alerting options.**
- **LTE Cellular GPS devices provided shall be of US-Based manufacturer only, and shall contain battery backup within the device for data capture and retention during a crash event.**
- **Options must also be provided for Iridium, Inmarsat, Globalstar satellite equipment also.**
- **Must be compatible with existing deployed AVL field devices without requiring the wholesale replacement of the entire fleet.**
- **AVL Tracking Server must be owned, operated, and maintained by the providing Dealer and shall provide as a service to the end Customer unlimited connection time via IP connection; the IP connection data circuit on the Customer side will be provided by the end Customer.**
- **Data retention policies shall be in place to protect and secure retained data for a period of 6 months minimum on a local dedicated server, NO AWS, Hosted Solutions, or outside the CONUS environments. Data and/or login access shall NOT be accessible from IPs outside the CONUS.**
- **Dealer shall be able to provide multiple client logins for same data access, i.e. multiple dispatch pc's in the same center.**
- **Reporting capabilities shall provide searchable lookups for individual or group assets, and be able to provide a list, map, or Google Earth KML formats.**

KENWOOD

LAND MOBILE RADIO PRICE GUIDE July 2025 Edition



Updates in July 2025 Edition

[illegible]

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PORTABLES

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REPEATERS

[NXR-1700 / 1800](#)



NEXEDGE®
P25 DMR

NX-5200/5300

Table of Contents

VHF/UHF Digital & FM Analog Portable Radios



<Standard Key Model> <Full Key Model>

All NX-5000 series portables include:

- Belt Clip (KBH-11)
- Universal Connector Cap
- User Guide
- Premium Warranty: 3 Years*

All Accessories / options: 1 Year

Purchase Battery, Charger, Antenna separately

*Note:

1. To meet IP grades and MIL, the universal connector cap or KENWOOD official accessory must be installed/connected.
2. To maintain immersion specs (IP67/68), all warranty service must be done by one of the three National Kenwood Authorized Service Centers. IP67/68 Certification is valid under the 3 year premium warranty. No re-certification is available.

Because of spurious signal (birdie), the following frequencies (and ± 10 kHz ranges) are not allowed:

- | | | |
|------------|------------|------------|
| • 144.0000 | • 384.0000 | • 460.8000 |
| • 147.4560 | • 403.2000 | • 480.0000 |
| • 153.6000 | • 422.4000 | • 499.2000 |
| • 172.0325 | • 432.0000 | • 518.4000 |
| • 172.8000 | • 441.6000 | |

Approved by CSA-us International Inc. for Classes I, II & III, Div. 1, Groups D, E, F, G and are also approved for non-Incendive use in Class I, Div. 2, Groups A, B, C hazardous locations.

Note: Environmental conditions are less than 32°F (0°C), KENWOOD carrying cases must be used.

STANDARD

■ GENERAL FEATURES

- 6 W (136-174 MHz) Models
- 5 W (380-470, 450-520 MHz) Models
- 1024 CH-GID / 128 Zones
- Standard Key Models (w/o numeric keypad)
- Full Key Models (w/ numeric keypad)
- Full Color 1.74" (240 x 180 pixels) Transflective TFT Display
- Multi-line Text Display
- Function/Status Icons
- Multi-Language Display
- Date & 12/24 Hour Time Clock
- Transmit/Busy/Call Alert/Warn LED
- On/Off Volume Knob
- 16-Position Mechanical Selector (w/ a stopper)
- 4-way Directional-pad (D-pad)
- 2 Position Lever Switch
- Emergency/AUX Key
- 3 Side PF Keys
- 1W Speaker Audio
- Multi Digital Protocol 1
- Emergency Call Features
- Built-in GPS Receiver / Antenna
- Built-in Bluetooth® 4.0 Module
- Built-in Motion Sensor
- Built-in 56-bit DES Encryption (4 keys programmable by KPG-D1(N)K)
- Active Noise Reduction (ANR)
- KPG-D1N Windows® FPU
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G
- IP67/68 Immersion
- Color Housing Option
- Digital Encode/Decode Format

■ DIGITAL – P25 MODE

- P25 Conventional Option
- P25 Phase 1 Trunking Option
- P25 Phase 2 Trunking Option
- Conv/Trunking OTAR Option
- Conventional Voting Scan Option
- Packet Data Option for P25 OTAR, GPS & OTAP
- Text Data
- Radio Authentication
- Tone Paging
- ARC4 Encryption Option

1. Multi Digital Protocol can be used for two(2) of the three(3) Digital Protocols set by programming software. P25/DMR Digital Protocols are options.

OPTIONAL FEATURES

■ GENERAL FEATURES

- 4000 Channel (KWD-5000CH)
- Front Panel Programming (KWD-5001FP)
- microSD/microSDHC Memory Card Slot (KWD-5002SD)
- Built-in Bluetooth® Module for Data (KWD-5003BT)
- Remote Control Commands by Subscriber Units (KWD-5007RC)
- 256-bit AES Encryption (KWD-AE30K/31K Encryption Module required)
- Battery Management Solution (KSC-Y32K Charger & KAS-12K Software License Key required)

■ DIGITAL – P25 MODE

- Conventional Features (KWD-5100CV)
- Phase 1 Trunking Features (KWD-5100CV & 5101TR)
- Phase 2 Trunking Features (KWD-5100CV & 5101TR & 5102TR)
- Conventional OTAR (KWD-5103RK)
- Trunking OTAR (KWD-5103RK & 5106DT)
- Conventional Voting Scan (KWD-5105VT)
- Packet Data required for Trunked OTAR/GPS/OTAP (KWD-5106DT)
- P25 ARC4 Encryption (KWD-5107EE)
- Link Layer Authentication (KWD-5100CV & KWD-5101TR & KWD-AE3x Encryption Board Required)
One active key per system, up to 32 systems

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional Features (KWD-5300CV)
- DMR Tier 3 Trunking Features (KWD-5300CV & KWD-5301TR)

■ DIGITAL – NXDN® MODE

- NXDN® Conventional / TYPE-C (Gen1/Gen2) Trunking
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Paging Call
- Emergency Call
- All Group Call
- Digital Two-Tone
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN® Scrambler

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional Option
- DMR Tier 3 Trunking Option
- DMR Auto Slot Select (DASS)
- AMBE+2™ VOCODER
- 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Call Interrupt (Direct & Repeater Mode)
- Paging Call
- Emergency Call
- All Group Call
- Late Entry
- Status Messaging
- Remote Control by Subscriber Units
- ARC4 Encryption Optional
- Site Roaming

■ ANALOG MODE

- Conventional Zones
- LTR® Zones
- FleetSync®/II: PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- MDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF
- Built-in Voice Inversion Scrambler

NEXEDGE®



NX-5200/5300

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VHF/UHF Digital & FM Analog Portable Radios

RADIO		LIST
Standard Key Models		
NX-5200K2	VHF (136-174MHz), 6.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1094.50
NX-5300K2	UHF (450-520MHz), 5.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1094.50
NX-5300K5	UHF (380-470MHz), 5.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1094.50
Full Key Models		
NX-5200K3	VHF (136-174MHz), 6.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1162.00
NX-5300K3	UHF (450-520MHz), 5.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1162.00
NX-5300K6	UHF (380-470MHz), 5.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1162.00
CSA US APPROVED MODELS		LIST
Must Order L-5039 & "KNB-LS5CU or KNB-LS7M" Intrinsically Safe Battery per radio		
<i>*Note: microSD card is not allowed to use as Intrinsically Safe Option.</i>		
NX-5200-ISCK2	VHF (136-174MHz), 6.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1094.50
NX-5200-ISCK3	VHF (136-174MHz), 6.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1162.00
NX-5300-ISCK2	UHF (450-520MHz), 5.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1094.50
NX-5300-ISCK3	UHF (450-520MHz), 5.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1162.00
NX-5300-ISCK5	UHF (380-470MHz), 5.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1094.50
NX-5300-ISCK6	UHF (380-470MHz), 5.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1162.00
SOFTWARE LICENSING & RADIO FEATURE OPTIONS		
IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.		
Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.		
License Keys will be E-mailed to the address provided on the order form.		
Form is available on MyTools website > Product > Forms		
- <u>FPU & Software Applications:</u> Software License Key Request Form		
- <u>Radio Feature Licenses:</u> Radio Feature License Keys Request Form		
<i>Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.</i>		
General Radio Features		LIST
KWD-5000CH	License Key for 4000 Channel Expansion	499.00
KWD-5001FP	License Key for Front Panel Programming	356.30
KWD-5002SD	License Key for microSD Memory Card Slot Activation	124.70
KWD-5003BT	License Key for Bluetooth Data (Required for Data Communication) Note: Voice Communication for Bluetooth Head Set does NOT require KWD-5003BT. You can pair with any Bluetooth audio device without this option.	41.70
KWD-5007RC	License Key for Remote Control by Subscriber Units Note: - P25 Mode is <u>NOT</u> available. - This license may be used by Administrator due to Stun/Revive/Kill. - The license is required for only Transmitting of Remote Control. - PC command for Remote Control does <u>NOT</u> require the license.	47.50
P25 Radio Features		LIST
KWD-5100CV	License Key for P25 Conventional	683.20
KWD-5101TR	License Key for P25 Phase 1 Trunking (requires KWD-5100CV) Note: Required for Link Layer Authentication	617.80
KWD-5102TR	License Key for P25 Phase 2 Trunking (requires KWD-5100CV & KWD-5101TR)	475.20
KWD-5103RK	License Key for P25 OTAR (requires KWD-5106DT for a Trunking Operation)	831.70
KWD-5105VT	License Key for P25 Conventional Voting Scan	142.70
KWD-5106DT	License Key for P25 Trunking OTAR / GPS / OTAP Note: Conventional (OTAR/GPS/OTAP) does NOT require KWD-5106DT.	213.80
KWD-5107EE	License Key for P25 ARC4 Enhanced Encryption	NC
DMR Radio Features		LIST
KWD-5300CV	License Key for DMR Tier 2 Conventional	71.30
KWD-5301TR	License Key for DMR Tier 3 Trunking (requires KWD-5300CV)	158.30
KWD-5500EE	License Key for DMR ARC4 Enhanced Encryption	47.50



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VHF/UHF Digital & FM Analog Portable Radios

ANTENNAS		LIST
KRA-26M	VHF helical antenna 146-162 MHz	22.00
KRA-26M2	VHF helical antenna 162-174 MHz	22.00
KRA-26M3	VHF helical antenna 136-150 MHz	22.00
KRA-27M	UHF whip antenna 440-490 MHz	22.00
KRA-27M2	UHF whip antenna 470-520 MHz	22.00
KRA-27M3	UHF whip antenna 400-450 MHz	22.00
KRA-22M	VHF low-profile helical antenna 148-162 MHz	22.00
KRA-22M2	VHF low-profile helical antenna 162-174 MHz	22.00
KRA-22M3	VHF low-profile helical antenna 136-150 MHz	22.00
KRA-23M	UHF low-profile helical antenna 450-490 MHz	22.00
KRA-23M2	UHF low-profile helical antenna 470-520 MHz	22.00
KRA-23M3	UHF low-profile helical antenna 403-430 MHz	22.00
KRA-41M	VHF stubby antenna 148-162 MHz	18.30
KRA-41M2	VHF stubby antenna 162-174 MHz	18.30
KRA-41M3	VHF stubby antenna 136-150 MHz	18.30
KRA-42M	UHF stubby antenna 440-490 MHz	18.30
KRA-42M2	UHF stubby antenna 470-520 MHz	18.30
KRA-42M3	UHF stubby antenna 403-430 MHz	18.30
KRA-25	High gain VHF helically loaded whip antenna 148-162 MHz	46.00
KRA-28	Broad-band VHF helically loaded whip antenna 140-170 MHz	56.30
KRA-29	Broad Band UHF Whip Antenna 380-430 MHz	49.30
BATTERIES AND CHARGERS		LIST
<i>*All of batteries listed below except KBP-8M2 is compatible with IP67/68 when it is used with a radio.</i>		
KNB-L1M	Li-ion 2000mAh (Compact Slim)	158.30
KNB-L2M	Li-ion 2600mAh (Standard)	185.80
KNB-L11M	Li-ion 3900mAh (High Capacity)	240.50
	Note: The KNB-L11 battery requires NX-5x00 firmware 5.12 or newer	
KNB-LS5CU	CSA US Intrinsically Safe Battery Li-ion 2000mAh	280.00
	Note: Due to the I.S. circuitry on the KNB-LS5CU, the cells may lose charge during storage. To prevent loss of capacity during storage, charge the battery for 10 minutes at least every 4 months with the KSC-32, KSC-Y32K, KSC-52BK, KSC-326K, KSC-326AK or KSC-526K. [Intrinsically Safe Option]	
KNB-LS7M	CSA US Intrinsically Safe Battery Li-ion 3800mAh	402.70
	Note: Due to the I.S. circuitry on the KNB-LS7M, the cells may lose charge during storage. To prevent loss of capacity during storage, charge the battery for 10 minutes at least every 4 months with the KSC-32, KSC-Y32K, KSC-52BK, KSC-326K, KSC-326AK or KSC-526K. [Intrinsically Safe Option]	
KBP-8M2	AA Alkaline Refillable Battery Pack (12 AA: 9V). Cells not included.	157.50
	Note: The color of the case is International Orange.	
Single Unit Desk Chargers		
KSC-52BK	Rapid rate single unit charger for KNB-L1/KNB-L2/KNB-L3/KNB-LS5/KNB-LS7/KNB-33L/PB-45L/KNB-47L/KNB-48L/KNB-72LC/KNB-70LEX/KNB-41NC/KNB-50NC/KNB-54N	107.00
KSC-52AK	Rapid rate single unit charger for the new KNB-L11 high capacity battery	107.00
6 Unit Chargers		
KSC-526K	Rapid rate 6-unit charger CEC Compliant	906.20
	Note: Requires charging pocket KSC-52PBW and/or KSC-52PCW, and/or KSC-52PAW	
KSC-52PBW	Charging pocket for KSC-526K and/or to convert the pocket style of a KSC-52 Single unit charger compatible with the KNB-L1, L2, L3, LS5 and LS7 batteries, and NX-205/305 and NX-210 series	12.00
KSC-52PAW	Charging pocket for KSC-526K and/or to convert the pocket style of a KSC-52 Single unit charger compatible with the KNB-L11 battery	12.00
KMB-526K	Wall Mount Bracket for KSC-526K	91.50

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VHF/UHF Digital & FM Analog Portable Radios

Vehicle Chargers/Adapters

KVC-23A	Rapid rate DC vehicular charger for TK-5x10/5x20, NX-5x00/x00/x10/x20, TK-x180, TK-x170, & TK-x360 portables with Lithium Ion /Lithium Polymer/NiMH packs only Note: Compatible with KNB-L11 battery	402.70
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CARRYING ACCESSORIES

		LIST
KBH-11	Spring action belt clip (2.5")	19.70
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-6SW	Leather swivel belt loop / detachable swivel D-Ring back	29.50
KLH-137ST	Firemen's Heavy-Duty Leather Shoulder Strap for a Heavy-Duty Leather Case	49.30
KLH-200K3	Heavy duty leather carrying case for NX-5000 series with KNB-L1/L2/L3/LS5CU (for both keypad models)	59.20
KLH-201K3	Nylon carrying case for NX-5000-series with KNB-L1/L2/L3/LS5CU (for both keypad models)	35.20

SPECIAL COLOR HOUSING

		LIST
KWD-YH-5000	Yellow Housing Kit for NX-5000 series Portables (Standard Key Model K2/K5 Only) Order L-5024 for Factory Install. (Eligible for warranty of IP67/68 immersion / Intrinsically Safe Option must be installed by Kenwood.) Note: If you order only housing and perform Dealer Installation, IP67/68 Warranty Claim will not be eligible.	53.70

MICROPHONES & AUDIO ACCESSORIES***IP grades for microphones and audio accessories are decided by each item.**

		LIST
KMC-70M	MIL-SPEC, IP54/55/67/68* Speaker Mic with Active Noise Reduction Note: IP68 is available only when used with NX-5000 series portable [Intrinsically Safe Option]	174.20
KMC-72W	MIL-SPEC, IP54/55/67 Noise-cancelling Speaker Mic [Intrinsically Safe Option]	133.80
KMC-49	MIL-SPEC, Speaker Mic. with Antenna Connector Note: 5/16" Coax cable hex wrench included (antenna is not included). [Intrinsically Safe Option]	495.00
KEP-1	3.5mm earphone kit for KMC-41/42W/54W/70M/72W Speaker Mics [Intrinsically Safe Option]	74.50
KEP-2	2.5mm earphone kit for KMC-49 Speaker Mic [Intrinsically Safe Option]	74.50
KCT-51	Hirose 6-pin Adapter (adapts KVL/aftermarket audio acc. to portable connector) [Intrinsically Safe Option]	306.70
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black) [Intrinsically Safe Option]	223.20
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black) Note: NOT compatible with TDMA operations [Intrinsically Safe Option]	283.70
KHS-14C	Lt. Wt. Single muff headset w/boom mic & In-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	155.80
KHS-15DC-BH	Hvy-duty behind-the-headset w/boom mic & earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	611.00
KHS-15D-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & PTT [Intrinsically Safe Option]	522.80

NEXEDGE®



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VHF/UHF Digital & FM Analog Portable Radios

ENCRYPTION & OPTION MODULES

LIST

KWD-AE30K	AES FIPS140-2 Level 1 & DES Encryption Module (Multi-Key) Order a Labor Code <u>L-5003</u> if installation is required. (Eligible for warranty of IP67/68 immersion / Intrinsically Safe Option must be installed by Kenwood. If you order only a Module and perform Dealer Installation, IP67/68 Warranty Claim will not be eligible.) KWD-AE30K requires: a Motorola KVL3000 Plus/4000 key loader device. KWD-AE30K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1). <u>Note:</u> Required for Link Layer Authentication <u>[Intrinsically Safe Option]- Must be Kenwood installed for I.S.</u>	1137.30
KWD-AE31K	AES & DES Encryption Module (Multi-Key) Order a Labor Code <u>L-5004</u> if installation is required. (Eligible for warranty of IP67/68 immersion / Intrinsically Safe Option must be installed by Kenwood. If you order only a Module and perform Dealer Installation, IP67/68 Warranty Claim will not be eligible.) <u>Note:</u> Requires KPG-AE1/DE1 software key loader or Motorola KVL3000 Plus/4000 key loader device. KWD-AE31K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) <u>Note:</u> Required for Link Layer Authentication <u>[Intrinsically Safe Option]- Must be Kenwood installed for I.S.</u>	737.20
KCT-48VU	External Vibration Unit <u>Note:</u> Audio accessories cannot be used when this option installed. KCT-48VU does not support the P25 digital mode calling or paging features <u>[Intrinsically Safe Option]</u>	114.00
KPG-AE1K	AES/DES Encryption Software Key Loader for KWD-AE31K <u>Authentication by KPT-300LMC is required</u> <u>Note:</u> KPG-AE1 is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A).	649.10
KPG-DE1K	DES Encryption Software Key Loader for KWD-AE31K <u>Authentication by KPT-300LMC is required</u>	436.50

SERVICE RELATED ACCESSORIES

LIST

KPG-D1NK	License Key for KPG-D1NK Programming Software for NX-5000 Portable/Mobile (Windows® Vista/7/8/8.1/10) <u>Note:</u> Requires KPT-300LMC for authentication	184.00
P25 Trunked Programming Capability: USB Key Type: Advanced System Key (ASK)- See KWD-ASK-MK and AK • For NX-5000 series radios. • KWD-ASK-MK (Master Key): For trunked system operator (SYSOP). Required for activating KWD-ASK-AK Access keys. Securely embeds/encrypts the HSID. • KWD-ASK-AK (Access Key): For Dealers/contractors. Activated by KWD-ASK-MK Master Key. • KPG-D1NK supports up to 16 KWD-ASK-AK Access Keys (16 trunked networks).		
KPG-36XM	Full Speed USB Programming interface cable <u>Note:</u> This cable with USB mode may used for SD Card Direct Access.	212.30
KPG-93	Encryption Key Loader Interface Cable for Motorola KVL-3000/3000 Plus/4000	374.20
KPG-93AUT	KVL-4000 Radio Authentication Cable <u>Note:</u> Only capable for P25 Radio Authentication. Not available for Encryption Key Loading.	469.50



NX-5200/5300

VHF/UHF Digital & FM Analog Portable Radios

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KWD-ASK-AK	Access Key for KPG-D1NK P25 trunked programming Notes: Enables P25 Trunked system programming privileges in a KPG-D1NK. • For NX-5000 series only. • Must be activated by trunked system operator (SYSOP) with KWD-ASK-MK Master Key. • Must have KPG-D1NK. • Configurable expiration period of KWD-ASK-AK set by KWD-ASK-MK is available for 3 years for built in battery. USB Key must be replaced since the expiration set up dose not work after 3 years.	280.00
KWD-ASK-MK	Master Key for activating KWD-ASK-AK Access Keys - Restricted Purchase Requirements - Notes: • For NX-5000 series only. • Sold to trunked system operator (SYSOP) or SYSOP authorized entities only • Must have KPG-D1NK. • SYSOP must provide 3-digit HEX HSID to Kenwood with P25 Trunking System Keys Request Form placed on Kenwood Tools. • Purchase KWD-ASK-AK Access Keys if needed.	668.50
OPTIONAL CABLE FOR FOREST/FIRE SERVICES FEATURE SET (FSFS) OPTION		
KPG-CLN-14P	Portable-to-Portable Cloning Cable (14P:14P), 1m	301.80
INSTALLATION / TUNING CHARGES		LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. <u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>	129.70
L-5002	NX-5200/5300/5400 Programming (with basic TX/RX check) Must submit <u>NX-x000 Series Programming Order Form</u> upon placing order for any programming services.	40.50
L-5003	Install KWD-AE30K in NX-5000 series Portable (Must purchase module separately)	81.00
L-5004	Install KWD-AE31K in NX-5000 series Portable (Must purchase module separately)	81.00
L-5005	KPG-D1NK System Key File (SKF) Note: Enables P25 Trunked system programming privileges in a KPG-D1NK. - Restricted Purchase Requirements - • Trunked system operator (SYSOP) must provide 3-digit HEX HSID to Kenwood with P25 Trunking System Keys Request Form placed on Kenwood Tools. • Must have KPG-D1NK. • Kenwood ships an encrypted *.SKF file via E-Mail to the address provided on the P25 Trunking System Keys Request Form placed on Kenwood Tools. • Non-SYSOP entities ordering L-5005 must provide verifiable written authorization from SYSOP to receive an *.SKF file. • 3-digit HEX HSID are securely encrypted & embedded in the *.SKF file.	142.20
L-5024	Assemble Yellow Housing KWD-YH-5000 with NX-5000 series Portable	28.80
L-5039	Configure NX-5200/5300/5400 for CSA US Intrinsically Safe Must order KNB-LS5CU or KNB-LS7M I.S. battery	36.00
L-5051	P25 CAP Compliance of Non-Encrypted Radio - Disable Built-in DES	54.00
L-5077	FSFS++ Forest Service Feature Set - Factory Installation Adds Tactical Zone improvements and Analog Conv & P25 Conv Zone Cloning Note: Must purchase <u>per Radio</u> • This feature set is provided by custom firmware based on V4.21.00 firmware. • Feature set is applicable for analog conventional / P25 conventional modes only. • Feature set does not support mobile multi-deck configuration. • Feature set will not work with any other firmware options or customized firmware. • Custom firmware is not eligible for warranty compensation.	64.80

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L-1849	FSFS++ Forest Service Feature Set - Field Installation Adds Tactical Zone improvements and Analog Conv & P25 Conv Zone Cloning <u>Note:</u> Purchase per application - <u>provided as Custom FW for unlimited radios</u> <u>To PLACE AN ORDER</u>, submit "Kenwood LMR Customization Application" form along with your PO via email (lmr-customs@us.jvckenwood.com) 1512.00 • This feature set is provided as custom firmware based on V4.21.00 firmware. • Feature set is applicable for analog conventional / P25 conventional modes only. • Feature set does not support Mobile multi-deck configuration. • Feature set will not work with any other firmware options or customized firmware. • Custom firmware is not eligible for warranty compensation
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-- IMPORTANT NOTES regarding ENCRYPTION MODULES--

Encryption modules, key loaders and radios containing encryption are export controlled by the U.S. Department of Commerce Bureau of Industry & Security EAR regulations and may either require an Export License, are eligible for a License Exception (ENC) or are exportable with No License Required (NLR) depending on the country, the consignee and the intended use. High level encryption is a special commodity that may require an export license to most countries. See www.bis.gov for more information regarding export regulations. DO NOT SHIP encryption items outside the U.S. without proper DOC/BIS Export Licenses and/or compliances.

Kenwood may request the following information to be submitted at time of order (this information must meet Kenwood internal approvals prior to shipment even if being returned to Kenwood later:

a) **Initial Destination:** Initial delivery point if different from Ultimate Destination (customer distribution center, headquarters, dealership, manufacturer's representative)

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

b) **Ultimate Destination:** Final delivery point(s); deployment/distribution

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

c) **Intended Use of Radios:** Law enforcement, security, operations, etc.

KWD-AE30 AES FIPS140-2 SCM , NIST Validation & Customer Shipping

A secure delivery method direct to the end user customer is required by the NIST AES FIPS 140-2 validation rules. For U.S. Federal Government entities the SCM must ship from Kenwood USA Corporation directly to the end user customer by a trusted carrier (FEDEX, UPS or a designated Kenwood USA Corporation employee); shipping/handling by a dealer or other entity is not acceptable. This may or may not be required by local/state government agencies or business/industrial users. Please check with the end use customer about their AES encryption handling requirements before ordering. Kenwood will not be responsible for shipments of KWD-AE30K modules to erroneous destinations specified on an order.

NEXEDGE™

P25 DMR

NX-5400

700/800MHz Digital & FM Analog Portable Radio

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<Standard Key Model>

<Full Key Model>

All NX-5400 series portables include:

- Belt Clip (KBH-11)
- Universal Connector Cap
- User Guide
- Premium Warranty: 3 Years*

All Accessories / options: 1 Year

Purchase Battery, Charger, Antenna separately

***Note:**

1. To meet IP grades and MIL, the universal connector cap or KENWOOD official accessory must be installed/connected.
2. To maintain immersion specs (IP67/68), all warranty service must be done by one of the three National Kenwood Authorized Service Centers. IP67/68 Certification is valid under the 3 year premium warranty. No re-certification is available.

Due to spurious signal (birdie), the following frequencies (and ± 10 kHz ranges) are not allowed:

- 864.000

Approved by CSA-us International Inc. for Classes I, II & III, Div. 1, Groups D, E, F, G and are also approved for non-incendive use in Class I, Div. 2, Groups A, B, C hazardous locations.

Note: Environmental conditions are less than 32°F (0°C), KENWOOD carrying cases must be used.

STANDARD

■ GENERAL FEATURES

- 3 W (700/800 MHz) Models
- 1024 CH-GID / 128 Zones
- Standard Key Models (w/o numeric keypad)
- Full Key Models (w/ numeric keypad)
- Full Color 1.74" (240 x 180 pixels) Transflective TFT Display
- Multi-line Text Display
- Function/Status Icons
- Multi-Language Display
- Date & 12/24 Hour Time Clock
- Transmit/Busy/Call Alert/Warn LED
- On/Off Volume Knob
- 16-Position Mechanical Selector (w/ a stopper)
- 4-way Directional-pad (D-pad)
- 2 Position Lever Switch
- Emergency/AUX Key
- 3 Side PF Keys
- 1W Speaker Audio
- Multi Digital Protocol ¹
- Emergency Call Features
- Built-in GPS Receiver / Antenna
- Built-in Bluetooth® 4.0 Module
- Built-in Motion Sensor
- Built-in 56-bit DES Encryption (4 keys programmable by KPG-D1(N)K)
- Active Noise Reduction (ANR)
- KPG-D1N Windows® FPU
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G
- IP67/68 Immersion
- Color Housing Option
- Digital Encode/Decode Format

■ DIGITAL – P25 MODE

- P25 Conventional Option
- P25 Phase 1 Trunking Option
- P25 Phase 2 Trunking Option
- Conv/Trunking OTAR Option
- Conventional Voting Scan Option
- Packet Data Option for P25 OTAR, GPS & OTAP
- Text Data
- Radio Authentication
- Tone Paging
- ARC4 Encryption Option

■ DIGITAL – NXDN® MODE

- NXDN® Conventional
- NXDN® TYPE-C (Gen1/Gen2) Trunking (only in 800MHz)
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Paging Call
- Emergency Call
- All Group Call
- Digital Two-Tone
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN® Scrambler

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional Option
- DMR Tier 3 Trunking Option
- DMR Auto Slot Select (DASS)
- AMBE+2™ VOCODER
- 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Call Interrupt (Direct & Repeater Mode)
- Paging Call
- Emergency Call
- All Group Call
- Late Entry
- Status Messaging
- Remote Control by Subscriber Units
- ARC4 Encryption Optional
- Site Roaming

■ ANALOG MODE

- NPSPAC Channels
- Conventional Zones
- LTR® Zones
- FleetSync®/I: PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- MDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF

1. Multi Digital Protocol can be used for two(2) of the three(3) Digital Protocols set by programming software. P25/DMR Digital Protocols are options.

OPTIONAL FEATURES

■ GENERAL FEATURES

- 4000 Channel (KWD-5000CH)
- Front Panel Programming (KWD-5001FP)
- microSD/microSDHC Memory Card Slot (KWD-5002SD)
- Built-in Bluetooth® Module for Data (KWD-5003BT)
- Remote Control Commands by Subscriber Units (KWD-5007RC)
- 256-bit AES Encryption (KWD-AE30K/31K Encryption Module required)
- Battery Management Solution (KSC-Y32K Charger & KAS-12K Software License Key required)

■ DIGITAL – P25 MODE

- Conventional Features (KWD-5100CV)
- Phase 1 Trunking Features (KWD-5100CV & 5101TR)
- Phase 2 Trunking Features (KWD-5100CV & 5101TR & 5102TR)
- Conventional OTAR (KWD-5103RK)
- Trunking OTAR (KWD-5103RK & 5106DT)
- Conventional Voting Scan (KWD-5105VT)
- Packet Data required for Trunked OTAR/GPS/OTAP (KWD-5106DT)
- P25 ARC4 Encryption (KWD-5107EE)
- Link Layer Authentication (KWD-5100CV & KWD-5101TR & KWD-AE3x Encryption Board Required)
- One active key per system, up to 32 systems

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional Features (KWD-5300CV)
- DMR Tier 3 Trunking Features (KWD-5300CV & KWD-5301TR)

NEXEDGE[®] P25 DMR NX-5400 700/800MHz Digital & FM Analog Portable Radio Table of Contents		
RADIO		LIST
NX-5400K2	700 / 800 MHz, 3.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking Standard Key Model	1094.50
NX-5400K3	700 / 800 MHz, 3.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking Full Key Model	1162.00
CSA US APPROVED MODELS		LIST
Must Order L-5039 & "KNB-LS5CU or KNB-LS7M" Intrinsically Safe Battery per radio <i>*Note: microSD card is not allowed to use as Intrinsically Safe Option.</i>		
NX-5400-ISCK2	700 / 800 MHz, 3.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking Standard Key Model	1094.50
NX-5400-ISCK3	700 / 800 MHz, 3.0 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking Full Key Model	1162.00
SOFTWARE LICENSING & RADIO FEATURE OPTIONS		
IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses. Submit completed form to LMR Order Desk for all Software license and Radio Feature license options. License Keys will be E-mailed to the address provided on the order form.		
Form is available on MyTools website > Product > Forms - FPU & Software Applications: Software License Key Request Form - Radio Feature Licenses: Radio Feature License Keys Request Form		
<i>Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.</i>		
General Radio Features		LIST
KWD-5000CH	License Key for 4000 Channel Expansion	499.00
KWD-5001FP	License Key for Front Panel Programming	356.30
KWD-5002SD	License Key for microSD Memory Card Slot Activation	124.70
KWD-5003BT	License Key for Bluetooth Data (Required for Data Communication) Note: Voice Communication for Bluetooth Head Set does NOT require KWD-5003BT. You can pair with any Bluetooth audio device without this option.	41.70
KWD-5007RC	License Key for Remote Control by Subscriber Units Note: - P25 Mode is <u>NOT</u> available. - This license may be used by Administrator due to Stun/Revive/Kill. - The license is required for only Transmitting of Remote Control. - PC command for Remote Control does <u>NOT</u> require the license.	47.50
P25 Radio Features		LIST
KWD-5100CV	License Key for P25 Conventional	683.20
KWD-5101TR	License Key for P25 Phase 1 Trunking (requires KWD-5100CV) Note: Required for Link Layer Authentication	617.80
KWD-5102TR	License Key for P25 Phase 2 Trunking (requires KWD-5100CV & KWD-5101TR)	475.20
KWD-5103RK	License Key for P25 OTAR (requires KWD-5106DT for a Trunking Operation)	831.70
KWD-5105VT	License Key for P25 Conventional Voting Scan	142.70
KWD-5106DT	License Key for P25 Trunking OTAR / GPS / OTAP Note: Conventional (OTAR/GPS/OTAP) does NOT require KWD-5106DT.	213.80
KWD-5107EE	License Key for P25 ARC4 Enhanced Encryption	NC
DMR Radio Features		LIST
KWD-5300CV	License Key for DMR Tier 2 Conventional	71.30
KWD-5301TR	License Key for DMR Tier 3 Trunking (requires KWD-5300CV)	158.30
KWD-5500EE	License Key for DMR ARC4 Enhanced Encryption	47.50
ANTENNAS		LIST
KRA-32K	700/800 MHz Whip Antenna	46.80
KRA-36	700/800 MHz Stubby Antenna	33.50

NEXEDGE [®]		NX-5400		Table of Contents
P25 DMR		700/800MHz Digital & FM Analog Portable Radio		
BATTERIES AND CHARGERS				LIST
<i>*All of batteries listed below except KBP-8M2 is compatible with IP67/68 when it is used with a radio.</i>				
KNB-L1M	Li-ion 2000mAh (Compact Slim)			158.30
KNB-L2M	Li-ion 2600mAh (Standard)			185.80
KNB-L11M	Li-ion 3900mAh (High Capacity)			240.50
KNB-LS5CU	CSA US Intrinsically Safe Battery Li-ion 2000mAh Note: Due to the I.S. circuitry on the KNB-LS5CU, the cells may lose charge during storage. To prevent loss of capacity during storage, charge the battery for 10 minutes at least every 4 months with the KSC-32, KSC-Y32K, KSC-52BK, KSC-326K, KSC-326AK or KSC-526K. [Intrinsically Safe Option]			280.00
KNB-LS7M	CSA US Intrinsically Safe Battery Li-ion 3800mAh Note: Due to the I.S. circuitry on the KNB-LS7M, the cells may lose charge during storage. To prevent loss of capacity during storage, charge the battery for 10 minutes at least every 4 months with the KSC-32, KSC-Y32K, KSC-52BK, KSC-326K, KSC-326AK or KSC-526K. [Intrinsically Safe Option]			402.70
KBP-8M2	AA Alkaline Refillable Battery Pack (12 AA: 9V). Cells not included. Note: The color of the case is International Orange.			157.50
Single Unit Desk Chargers				
KSC-52BK	Rapid rate single unit charger for KNB-L1/KNB-L2/KNB-L3/KNB-LS5/KNB-LS7/KNB-33L/PB-45L/KNB-47L/KNB-48L/KNB-72LC/KNB-70LEX/KNB-41NC/KNB-50NC/KNB-54N			107.00
KSC-52AK	Rapid rate single unit charger for the new KNB-L11 high capacity battery			107.00
6 Unit Chargers				
KSC-526K	Rapid rate 6-unit charger CEC Compliant Note: Requires charging pocket KSC-52PBW and/or KSC-52PCW, and/or KSC-52PAW			906.20
KSC-52PBW	Charging pocket for KSC-526K and/or to convert the pocket style of a KSC-52 Single unit charger compatible with the KNB-L1, L2, L3, LS5 and LS7 batteries, and NX-205/305 and NX-210 series			12.00
KSC-52PAW	Charging pocket for KSC-526K and/or to convert the pocket style of a KSC-52 Single unit charger compatible with the KNB-L11 battery			12.00
KMB-526K	Wall Mount Bracket for KSC-526K			91.50
Vehicle Chargers/Adapters				
KVC-23A	Rapid rate DC vehicular charger for TK-5x10/5x20, NX-5x00/x00/x10/x20, TK-x180, TK-x170, & TK-x360 portables with Lithium Ion /Lithium Polymer/NiMH packs only. Note: Compatible with KNB-L11 battery			402.70



NX-5400

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700/800MHz Digital & FM Analog Portable Radio

CARRYING ACCESSORIES

		LIST
KBH-11	Spring action belt clip (2.5")	19.70
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-6SW	Leather swivel belt loop / detachable swivel D-Ring back	29.50
KLH-137ST	Firemen's Heavy-Duty Leather Shoulder Strap for a Heavy-Duty Leather Case	49.30
KLH-200K3	Heavy duty leather carrying case for NX-5000 series with KNB-L1/L2/L3/LS5CU (for both keypad models)	59.20
KLH-201K3	Nylon carrying case for NX-5000-series with KNB-L1/L2/L3/LS5CU (for both keypad models)	35.20

SPECIAL COLOR HOUSING

		LIST
KWD-YH-5000	Yellow Housing Kit for NX-5000 series Portables (Standard Key Model K2/K5 Only) Order L-5024 for Factory Install. (Eligible for warranty of IP67/68 immersion / Intrinsically Safe Option must be installed by Kenwood.) <i>Note: If you order only housing and perform Dealer Installation, IP67/68 Warranty Claim will not be eligible.</i>	53.70

MICROPHONES & AUDIO ACCESSORIES

		LIST
<i>*IP grades for microphones and audio accessories are decided by each item.</i>		
KMC-70M	MIL-SPEC, IP54/55/67/68* Speaker Mic with Active Noise Reduction <i>Note: IP68 is available only when used with NX-5000 series portable</i> [Intrinsically Safe Option]	174.20
KMC-72W	MIL-SPEC, IP54/55/67 Noise-cancelling Speaker Mic [Intrinsically Safe Option]	133.80
KMC-49	MIL-SPEC, Speaker Mic, with Antenna Connector <i>Note: 5/16" Coax cable hex wrench included (antenna is not included).</i> [Intrinsically Safe Option]	495.00
KEP-1	3.5mm earphone kit for KMC-41/42W/54W/70M/72W Speaker Mics [Intrinsically Safe Option]	74.50
KEP-2	2.5mm earphone kit for KMC-49 Speaker Mic [Intrinsically Safe Option]	74.50
KCT-51	Hirose 6-pin Adapter (adapts KVL/aftermarket audio acc. to portable connector) [Intrinsically Safe Option]	306.70
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black) [Intrinsically Safe Option]	223.20
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black) <i>Note: NOT compatible with TDMA operations</i> [Intrinsically Safe Option]	283.70
KHS-14C	Lt. Wt. Single muff headset w/boom mic & In-line PTT <i>Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)</i>	155.80
KHS-15DC-BH	Hvy-duty behind-the-headset w/boom mic & earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	611.00
KHS-15D-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & PTT [Intrinsically Safe Option]	522.80

ENCRYPTION & OPTION MODULES

		LIST
KWD-AE30K	AES FIPS140-2 Level 1 & DES Encryption Module (Multi-Key) Order a Labor Code L-5003 if installation is required. (Eligible for warranty of IP67/68 immersion / Intrinsically Safe Option must be installed by Kenwood. If you order only a Module and perform Dealer Installation, IP67/68 Warranty Claim will not be eligible.) KWD-AE30K requires: a Motorola KVL3000 Plus/4000 key loader device. KWD-AE30K is a U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1). <i>Note: Required for Link Layer Authentication</i> [Intrinsically Safe Option]- Must be Kenwood installed for I.S.	1137.30
KWD-AE31K	AES & DES Encryption Module (Multi-Key) Order a Labor Code L-5004 if installation is required. (Eligible for warranty of IP67/68 immersion / Intrinsically Safe Option must be installed by Kenwood. If you order only a Module and perform Dealer Installation, IP67/68 Warranty Claim will not be eligible.) <i>Note: Requires KPG-AE1/DE1 software key loader or Motorola KVL3000 Plus/4000 key loader device.</i> KWD-AE31K is a U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) <i>Note: Required for Link Layer Authentication</i> [Intrinsically Safe Option]- Must be Kenwood installed for I.S.	737.20

NEXEDGE™ P25 DMR		NX-5400 700/800MHz Digital & FM Analog Portable Radio	Table of Contents
KCT-48VU	External Vibration Unit Note: Audio accessories cannot be used when this option installed. KCT-48VU does not support the P25 digital mode calling or paging features [Intrinsically Safe Option]	114.00	
KPG-AE1K	AES/DES Encryption Software Key Loader for KWD-AE31K Authentication by KPT-300LMC is required Note: KPG-AE1 is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A)	649.10	
KPG-DE1K	DES Encryption Software Key Loader for KWD-AE31K Authentication by KPT-300LMC is required	436.50	
SERVICE RELATED ACCESSORIES			
KPG-D1NK	License Key for KPG-D1NK Programming Software for NX-5000 Portable/Mobile (Windows® Vista/7/8/8.1/10) Note: Requires KPT-300LMC for authentication	184.00	
P25 Trunked Programming Capability: USB Key Type: Advanced System Key (ASK)- See KWD-ASK-MK and AK - For NX-5000 series radios. - KWD-ASK-MK (Master Key): For trunked system operator (SYSOP). Required for activating KWD-ASK-AK Access keys. Securely embeds/encrypts the HSID. - KWD-ASK-AK (Access Key): For Dealers/contractors. Activated by KWD-ASK-MK Master Key. - KPG-D1NK supports up to 16 KWD-ASK-AK Access Keys (16 trunked networks).			
KPG-36XM	Full Speed USB Programming interface cable Note: This cable with USB mode may be used for SD Card Direct Access.	212.30	
KPG-93	Encryption Key Loader Interface Cable for Motorola KVL-3000/3000 Plus/4000	374.20	
KPG-93AUT	KVL-4000 Radio Authentication Cable Note: Only capable for P25 Radio Authentication. Not available for Encryption Key Loading.	469.50	
KWD-ASK-AK	Access Key for KPG-D1NK P25 trunked programming Notes: Enables P25 Trunked system programming privileges in a KPG-D1NK. - For NX-5000 series only - Must be activated by trunked system operator (SYSOP) with KWD-ASK-MK Master Key - Must have KPG-D1NK - Configurable expiration period of KWD-ASK-AK set by KWD-ASK-MK is available for 3 years for built in battery. USB Key must be replaced since the expiration set up dose not work after 3 years.	280.00	
KWD-ASK-MK	Master Key for activating KWD-ASK-AK Access Keys - Restricted Purchase Requirements - Notes: - For NX-5000 series only. - Sold to trunked system operator (SYSOP) or SYSOP authorized entities only - Must have KPG-D1NK - SYSOP must provide 3-digit HEX HSID to Kenwood with P25 Trunking System Keys Request Form placed on Kenwood Tools. - Purchase KWD-ASK-AK Access Keys if needed.	668.50	
OPTIONAL CABLE FOR FOREST/FIRE SERVICES FEATURE SET (FSFS) OPTION			
KPG-CLN-14P	Portable-to-Portable Cloning Cable (14P:14P), 1m	301.80	
INSTALLATION / TUNING CHARGES			
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. KPT-300LMC's History Menu will not display the Radio Features activated by Factory.	129.70	
L-5002	NX-5200/5300/5400 Programming (with basic TX/RX check) Must submit NX-x000 Series Programming Order Form upon placing order for any programming services.	40.50	
L-5003	Install KWD-AE30K in NX-5000 series Portable (Must purchase module separately)	81.00	
L-5004	Install KWD-AE31K in NX-5000 series Portable (Must purchase module separately)	81.00	
L-5005	KPG-D1NK System Key File (SKF) Note: Enables P25 Trunked system programming privileges in a KPG-D1NK. - Restricted Purchase Requirements - - Trunked system operator (SYSOP) must provide 3-digit HEX HSID to Kenwood with P25 Trunking System Keys Request Form placed on Kenwood Tools. - Must have KPG-D1NK. - Kenwood ships an encrypted *.SKF file via E-Mail to the address provided on the P25 Trunking System Keys Request Form placed on Kenwood Tools. - Non-SYSOP entities ordering L-5005 must provide verifiable written authorization from SYSOP to receive an *.SKF file. 3-digit HEX HSID are securely encrypted & embedded in the *.SKF file.	142.20	
L-5024	Assemble Yellow Housing KWD-YH-5000 with NX-5000 series Portable	28.80	



NX-5400

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700/800MHz Digital & FM Analog Portable Radio

L-5039	Configure NX-5200/5300/5400 for CSA US Intrinsically Safe Must order KNB-LS5CU or KNB-LS7M I.S. battery	36.00
L-5051	P25 CAP Compliance of Non-Encrypted Radio - Disable Built-in DES	54.00
L-5077	FSFS++ Forest Service Feature Set - Factory Installation Adds Tactical Zone improvements and Analog Conv & P25 Conv Zone Cloning Note: Must purchase <u>per Radio</u> - This feature set is provided by custom firmware based on V4.21.00 firmware. - Feature set is applicable for analog conventional / P25 conventional modes only. - Feature set does not support mobile multi-deck configuration. - Feature set will not work with any other firmware options or customized firmware. <u>Custom firmware is not eligible for warranty compensation.</u>	64.80
L-1849	FSFS++ Forest Service Feature Set - Field Installation Adds Tactical Zone improvements and Analog Conv & P25 Conv Zone Cloning Note: Purchase per application - <u>provided as Custom FV for unlimited radios</u> <u>To PLACE AN ORDER</u> , submit "Kenwood LMR Customization Application" form along with your PO via email (lmr-customs@us.jvckenwood.com) - This feature set is provided as custom firmware based on V4.21.00 firmware. - Feature set is applicable for analog conventional / P25 conventional modes only. - Feature set does not support Mobile multi-deck configuration. - Feature set will not work with any other firmware options or customized firmware. <u>Custom firmware is not eligible for warranty compensation.</u>	1512.00

-- IMPORTANT NOTES regarding ENCRYPTION MODULES--

Encryption modules, key loaders and radios containing encryption are export controlled by the U.S. Department of Commerce Bureau of Industry & Security EAR regulations and may either require an Export License, are eligible for a License Exception (ENC) or are exportable with No License Required (NLR) depending on the country, the consignee and the intended use. High level encryption is a special commodity that may require an export license to most countries. See www.bis.gov for more information regarding export regulations. DO NOT SHIP encryption items outside the U.S. without proper DOC/BIS Export Licenses and/or compliances.

Kenwood may request the following information to be submitted at time of order (this information must meet Kenwood internal approvals prior to shipment even if being returned to Kenwood later:
KWD-AE30 AES FIPS140-2 SCM, NIST Validation & Customer Shipping

A secure delivery method direct to the end user customer is required by the NIST AES FIPS 140-2 validation rules. For U.S. Federal Government entities the SCM must ship from Kenwood USA Corporation directly to the end user customer by a trusted carrier (FEDEX, UPS or a designated Kenwood USA Corporation employee); shipping/handling by a dealer or other entity is not acceptable. This may or may not be required by local/state government agencies or business/industrial users. Please check with the end use customer about their AES encryption handling requirements before ordering. Kenwood will not be responsible for shipments of KWD-AE30K modules to erroneous destinations specified on an order.

STANDARD



Basic Standard Key Full Key

All NX-3000 series portables include:

- Belt Clip (KBH-11)
- Accessory Cover
- Channel Stopper
- User Guide
- Premium Warranty: 3 Years*

All Accessories / options: 1 Year

Purchase Battery, Charger, Antenna separately

*Note:

1. To meet IP grades and MIL, the universal connector cap or KENWOOD official accessory must be installed/connected.
2. To maintain immersion specs (IP67), all warranty service must be done by National Kenwood Authorized Service Centers. IP67 Certification is valid under the 3 year premium warranty. No re-certification is available.

Because of spurious signal (birdie), the following frequencies (and ± 7.5 kHz ranges) are not allowed:

- | | | |
|------------|------------|------------|
| • 139.2000 | • 403.2000 | • 460.8000 |
| • 144.0000 | • 408.0000 | • 465.6000 |
| • 148.8000 | • 412.8000 | • 470.4000 |
| • 153.6000 | • 417.6000 | • 475.2000 |
| • 158.4000 | • 422.4000 | • 480.0000 |
| • 160.0000 | • 427.2000 | • 484.8000 |
| • 163.2000 | • 432.0000 | • 489.6000 |
| • 168.0000 | • 436.8000 | • 494.4000 |
| • 172.8000 | • 441.6000 | • 499.2000 |
| | • 446.4000 | • 504.0000 |
| | • 451.2000 | • 508.8000 |
| | • 456.0000 | • 513.6000 |
| | | • 518.4000 |

■ GENERAL FEATURES

- 5 W (136-174 MHz) Models
- 5 W (400-520 MHz) Models
- 512 CH-GID / 128 Zones
- 64 CH-GID / 4 Zones (For Basic Models)
- Basic Models (w/o LCD and keypad)
- Standard Keypad Models (w/ LCD and D-pad/4key)
- Full Keypad Models (w/ LCD and D-pad/12 key)
- 4-Line Basic Frame (2-Line Main/Sub-LCD, icon & key guide)
- 5-Line Text Message Frame (3 Lines of Text, icon & key guide)
- Multi-Language Display
- Date & 12/24 Hour Time Clock
- 7-color Light Bar Indicator
- Transmit/Busy/Call Alert/Warn LED
- Remote Stun/Kill/Check
- On/Off Volume Knob
- 16-Position Mechanical Selector
- 4-way Directional-pad (For Standard/Full Keypad)
- Emergency Key
- 2 Side PF Keys
- 1W Speaker Audio
- Dual Digital Protocol¹
- Emergency Call Features
- Built-in GPS Receiver / Antenna
- Built-in Bluetooth® 4.0 Module
- Built-in Motion Sensor
- Active Noise Reduction (ANR)
- KPG-D3N Windows® FPU
- Flash Firmware Upgrading
- Optional Software-based DES and AES Encryptions (Digital Only)
- MIL-STD-810 C/D/E/F/G
- IP54/55² Water & Dust Intrusion
- IP67² Immersion
- Digital Encode/Decode Format
- Color Housing Option

1. Designed to operate digital, DMR OR NXDN, along with analog FM; a single FM digital protocol is selected with programming software.
2. Must equip **Accessory Cover** included with a Radio. Speaker / Microphone does not cover IPs.

■ DIGITAL – NXDN® MODE

- NXDN® Conventional
- NXDN® TYPE-C (Gen1/Gen2) Trunking Option
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Paging Call
- Emergency Call
- All Group Call
- Digital Two-Tone
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN® Scrambler

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional
- DMR Tier 3 Trunking Option
- DMR Auto Slot Select (DASS)
- AMBE+2™ VOCODER
- 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Site Roaming
- Call Interrupt (Direct & Repeater Mode)
- Paging Call
- Emergency Call
- All Group Call
- Late Entry
- Status Messaging
- Remote Control by Subscriber Units
- ARC4 Encryption Option

■ ANALOG MODE

- Conventional Zones
- LTR® Zones
- FleetSync®/I: PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- MDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF
- Built-in Voice Inversion Scrambler

OPTIONAL FEATURES

- 1000 Channel (**KWD-3000CH**)
- Front Panel Programming (**KWD-3001FP**)
- Built-in Bluetooth® Module for Data (**KWD-3002BT**)
- Digital NXDN Trunking (**KWD-3501TR**)
- DMR Tier 2 Conventional (**Factory Installed**)
- DMR Tier 3 Trunking (**KWD-3302TR**)
- DMR ARC4 Enhanced Encryption (**KWD-3502EE**)
- AES/DES Encryption (**KWD-3503AE**)
- Remote Control Command by Subscriber Units (**KWD-3504RC**)

Approved by CSA-us International Inc. for Classes I, II & III, Div. 1, Groups C, D, E, F, G and are also approved for non-Incendive use in Class I, Div. 2, Groups A, B hazardous locations.

RADIO		LIST
NX-3200K	VHF (136-174MHz), 5.0 Watts, 64 CH, Basic Model	781.20
NX-3200K2	VHF (136-174MHz), 5.0 Watts, 512 CH, Standard Key Model	847.70
NX-3200K3	VHF (136-174MHz), 5.0 Watts, 512 CH, Full Key Model	912.70
NX-3300K	UHF (400-520MHz), 5.0 Watts, 64 CH, Basic Model	781.20
NX-3300K2	UHF (400-520MHz), 5.0 Watts, 512 CH, Standard Key Model	847.70
NX-3300K3	UHF (400-520MHz), 5.0 Watts, 512 CH, Full Key Model	912.70



NX-3200/3300

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VHF/UHF Digital & FM Analog Portable Radios

Li-ion VALUE PACKAGES (Preferred for Trunked Mode Usage) LIST

NX-3200K2-XLKVP	VHF Extra-Cap Li-Ion Value Pack : NX-3200K2+KNB-78L(2860mAh)+KSC-25LSK+KRA-26M	1,110.60
NX-3300K2-XLKVP	UHF Extra-Cap Li-Ion Value Pack : NX-3300K2+KNB-78L(2860mAh)+KSC-25LSK+KRA-27M	1,110.60

Li-ion VALUE PACKAGES (Preferred for Conventional Mode Usage) LIST

NX-3200K2LAKVP	VHF Hi-Cap Li-Ion Value Pack : NX-3200K2+KNB-57LAM(2000mAh)+KSC-25LSK+KRA-26M	1,067.90
NX-3300K2LAKVP	UHF Hi-Cap Li-Ion Value Pack : NX-3300K2+KNB-57LAM(2000mAh)+KSC-25LSK+KRA-27M	1,067.90
NX-3200K2SLAKVP	VHF Li-Ion Value Pack : NX-3200K2+KNB-55LAM(1480mAh)+KSC-25LSK+KRA-26M	1,019.10
NX-3300K2SLAKVP	UHF Li-Ion Value Pack : NX-3300K2+KNB-55LAM(1480mAh)+KSC-25LSK+KRA-27M	1,019.10

CSA US APPROVED MODELS LIST

Must Order L-5062 & KNB-79LCM Intrinsically Safe Battery per radio

NX-3200-ISCK	VHF (136-174MHz), 5.0 Watts, 64 CH, Basic Model	781.20
NX-3200-ISCK2	VHF (136-174MHz), 5.0 Watts, 512 CH, Standard Key Model	847.70
NX-3200-ISCK3	VHF (136-174MHz), 5.0 Watts, 512 CH, Full Key Model	912.70
NX-3300-ISCK	UHF (400-520MHz), 5.0 Watts, 64 CH, Basic Model	781.20
NX-3300-ISCK2	UHF (400-520MHz), 5.0 Watts, 512 CH, Standard Key Model	847.70
NX-3300-ISCK3	UHF (400-520MHz), 5.0 Watts, 512 CH, Full Key Model	912.70

Note: KNB-68LC is NOT compatible for NX-3000 Intrinsically Safe usage.

SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form
- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features	LIST
KWD-3000CH	License Key for 1000 Channel Expansion 190.20
KWD-3001FP	License Key for Front Panel Programming 148.50
KWD-3002BT	License Key for Bluetooth Data (Required for Data Communication) Note: Voice Communication for Bluetooth Head Set does NOT require KWD-3002BT. You can pair with any Bluetooth audio device without this option. 41.70
KWD-3302TR	License Key for DMR Tier 3 Trunking 118.80
KWD-3501TR	License Key for Digital Trunking (Includes NXDN Type-C and Type-C Gen2) 49.50
KWD-3502EE	License Key for DMR ARC4 Enhanced Encryption 47.50
KWD-3503AE	License Key for AES/DES Encryption Note: 1. Factory Installation only. Must order L-5054. 2. Requires KPG-AE1/DE1 software key loader to encrypt. 3. KWD-3503AE is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) Please see descriptions at the bottom. 534.70
KWD-3504RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license. 47.50
KWD-3505DE	License Key for DES Encryption Note: Requires KPG-AE1/DE1 software key loader to load encryption keys 118.80

ANTENNAS	LIST
KRA-22M	VHF Low-profile helical antenna 148-162 MHz 22.00
KRA-22M2	VHF Low-profile helical antenna 162-174 MHz 22.00



NX-3200/3300

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VHF/UHF Digital & FM Analog Portable Radios

ANTENNAS CON'T		LIST
KRA-22M3	VHF Low-profile helical antenna 136-150 MHz	22.00
KRA-23M	UHF Low-profile helical antenna 450-490 MHz	22.00
KRA-23M2	UHF Low-profile helical antenna 470-520 MHz	22.00
KRA-23M3	UHF Low-profile helical antenna 403-430 MHz	22.00
KRA-26M	VHF helical antenna 146-162 MHz	22.00
KRA-26M2	VHF helical antenna 162-174 MHz	22.00
KRA-26M3	VHF helical antenna 136-150 MHz	22.00
KRA-27M	UHF whip antenna 440-490 MHz	22.00
KRA-27M2	UHF whip antenna 470-520 MHz	22.00
KRA-27M3	UHF whip antenna 400-450 MHz	22.00
KRA-41M	VHF stubby antenna 148-162 MHz	18.30
KRA-41M2	VHF stubby antenna 162-174 MHz	18.30
KRA-41M3	VHF stubby antenna 136-150 MHz	18.30
KRA-42M	UHF stubby antenna 440-490 MHz	18.30
KRA-42M2	UHF stubby antenna 470-520 MHz	18.30
KRA-42M3	UHF stubby antenna 403-430 MHz	18.30
KRA-25	High gain VHF helically loaded whip antenna 148-162 MHz	46.00
KRA-28	Broad-band VHF helically loaded whip antenna 140-170 MHz	56.30
BATTERIES AND CHARGERS		LIST
KNB-78LM	2860 mAh, Li-ion battery, IP67, battery only, best for trunked mode operation	176.20
KNB-57LAM	2000 mAh, Li-ion battery, IP67, battery only, best for conventional mode operation	133.50
KNB-55LAM	1480 mAh, Li-ion battery, IP67, battery only	84.70
KNB-56N	1400 mAh, Ni-MH battery, IP67, battery only	107.00
KNB-79LCM	CSA US Intrinsically Safe Battery Li-ion 2860mAh, IP67, battery only [Intrinsically Safe Option]	216.70
KBP-5	AA Alkaline Refillable Battery Pack (6 AA; 9V) cells not included	72.20
Single Unit Desk Chargers		
KSC-25LSK	100~240 volt rapid rate single unit charger for KNB-40LC(V)/55L/57/68LC/78LM/79LCM Li-ion Battery	64.70
KSC-25SK	110 volt Rapid rate single unit charger for KNB-26N/40LC(V)/55L/56N/57L/68LC/78LM/79LCM	83.20
6 Unit Chargers		
KMB-16	Six Unit Charger Adapter for the KSC-16/20/24/25/25L chargers (chargers not included)	249.50
KMB-23	Six Unit Charger Adapter for the KSC-16/20/24/25/25L/32 chargers (chargers not included)	381.30
KSC-526K	Rapid rate 6-unit charger CEC Compliant Note: Requires charging pocket KSC-52PBW and/or KSC-52PCW, and/or KSC-52PAW	906.20
KSC-52PCW	Charging pocket for KSC-526K compatible with NX-3000 series	12.00
KMB-526K	Wall Mount Bracket for KSC-526K	91.50
Vehicle Chargers/Adapters		
KVC-4	Vehicular charger adapter for the KSC-16/18/20/24/25SK chargers (chargers not included) *KSC-25LSK is not compatible with KVC-4.	156.20
KVC-23A	Rapid rate DC vehicular charger for TK-5x10/5x20, NX-5x00/NX-3x00/x00/x10/x20, TK-x180, TK-x170, & TK-x360 portables with Lithium Ion /Lithium Polymer/NiMH packs only. <u>Note:</u> Compatible with KNB-L11 battery	402.70



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VHF/UHF Digital & FM Analog Portable Radios

CARRYING ACCESSORIES		LIST
KBH-11	Spring action belt clip (2.5")	19.70
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-206K	Heavy-Duty Leather Case w/Swivel Belt Loop for Basic Model	65.50
KLH-206K2	Heavy-Duty Leather Case w/Swivel Belt Loop for Standard Keypad Model	65.50
KLH-206K3	Heavy-Duty Leather Case w/Swivel Belt Loop for Full Keypad Model	65.50
KLH-207K	Nylon carrying case for Basic Model	35.20
KLH-207K2	Nylon carrying case for Standard Keypad Model	35.20
KLH-207K3	Nylon carrying case for Full Keypad Model	35.20
SPECIAL COLOR HOUSING		LIST
KWD-YH-3000U	High Visibility Green Housing Kit for NX-3x00 series Standard Key Portables Must order L-5068 for Factory Install. Eligible for warranty of IP67 immersion only when factory installed with L-5068. Note: If you order only housing and perform Dealer Installation, IP67 Warranty Claim will not be eligible. Note: Coloring of housing changed to High Visibility Green after Nov 2021 production. Original yellow is no longer available.	53.70
MICROPHONES & AUDIO ACCESSORIES		LIST
<i>*IP grades for microphones and audio accessories are decided by each item.</i>		
KMC-40	MIL-SPEC, Speaker Mic. with Antenna Connector Note: 5/16" Coax cable hex wrench included (antenna is not included). [Intrinsically Safe Option]	495.00
KMC-70M	MIL-SPEC, IP54/55/67/68* Speaker Mic with Active Noise Reduction Note: IP68 is available only when used with NX-5000 series portable [Intrinsically Safe Option]	174.20
KMC-72W	MIL-SPEC, IP54/55/67 Noise-cancelling Speaker Mic [Intrinsically Safe Option]	133.80
KEP-1	3.5mm earphone kit for KMC-41/42W/54W/70M/72W Speaker Mics [Intrinsically Safe Option]	74.50
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black) [Intrinsically Safe Option]	223.20
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black) Note: Not compatible with TDMA operations [Intrinsically Safe Option]	283.70
KHS-14C	Lt. Wt. Single muff headset w/boom mic & In-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	155.80
KHS-15DC-BH	Hvy-duty behind-the-headset w/boom mic & earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	611.00
KHS-15D-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & PTT [Intrinsically Safe Option]	522.80
OPTION MODULES		LIST
KCT-48VU	External Vibration Unit Note: Audio accessories cannot be used when this option installed.	114.00
SERVICE RELATED ACCESSORIES		LIST
KPG-D3NK	License Key for KPG-D3NK Programming Software for NX-3000 Portable/Mobile Note: Requires KPT-300LMC for authentication	184.00
KPG-AE1K	License Key for AES/DES Encryption Software Key Loader for KWD-3503AE Note: - Requires KPT-300LMC for authentication - KPG-AE1 is a U.S. DOC/EIS Export Controlled Item (ECCN 5D002A).	649.10
KPG-DE1K	License Key for DES Encryption Software Key Loader for KWD-3505DE Note: - Requires KPT-300LMC for authentication	436.50
KPG-36XM	Full Speed USB Programming interface cable	212.30



NX-3200/3300

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VHF/UHF Digital & FM Analog Portable Radios

INSTALLATION / TUNING CHARGES		LIST
L-836	Assemble KMB-16 with six KSC-25/25L	16.20
L-961	Assemble KMB-23 with six KSC-24/25/25L/32 (Rapid Rate, 120 Volt versions only)	18.00
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. <u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>	129.70
L-5052	NX-3000 Series Portables Programming (with basic TX/RX check) Must submit <u>NX-x000 Series Programming Order Form</u> upon placing order for any programming services.	40.50
L-5054	Installation AES/DES for NX-3000 Portable/Mobile	27.00
L-5062	Configure NX-3000 series for CSA US Intrinsically Safe Note: NX-3000 series I.S. radios must be used with matching I.S. battery KNB-79LCM.	36.00
L-5068	Assemble Color Housing KWD-YH-3000U/P with NX-3000 series Portable	28.80

-- IMPORTANT NOTES regarding ENCRYPTION SOFTWARE OPTION--

Encryption Software Option, key loaders and radios containing encryption are export controlled by the U.S. Department of Commerce Bureau of Industry & Security EAR regulations and may either require an Export License, are eligible for a License Exception (ENC) or are exportable with No License Required (NLR) depending on the country, the consignee and the intended use. High level encryption is a special commodity that may require an export license to most countries. See www.bis.gov for more information regarding export regulations. DO NOT SHIP encryption items outside the U.S. without proper DOC/BIS Export Licenses and/or compliances.

JVCKENWOOD may request the following information to be submitted at time of order (this information must meet JVCKENWOOD internal approvals prior to shipment even if being returned to JVCKENWOOD later:

a) **Initial Destination:** Initial delivery point if different from Ultimate Destination

(customer distribution center, headquarters, dealership, manufacturer's representative)

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

b) **Ultimate Destination:** Final delivery point(s); deployment/distribution

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

c) **Intended Use of Radios:** Law enforcement, security, operations, etc.



NX-3400

800/900MHz Digital & FM Analog Portable Radio

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All NX-3000 series portables include:

- Belt Clip (KBH-11)
- Antenna (KRA-38K)
- Accessory Cover
- Channel Stopper
- User Guide
- Premium Warranty: 3 Years*

All Accessories / options: 1 Year

Purchase Battery and Charger separately

*Note:

1. To meet IP grades and MIL, the universal connector cap or KENWOOD official accessory must be installed/connected.
2. To maintain immersion specs (IP67), all warranty service must be done by National Kenwood Authorized Service Centers. IP67 Certification is valid under the 3 year premium warranty. No re-certification is available.

Because of spurious signal (birdie), the following frequencies (and $\pm 6.25\text{kHz}$ ranges) are not allowed:

- 854.4000 • 936.0000
- 859.2000 • 940.8000
- 864.0000
- 868.8000

STANDARD

■ GENERAL FEATURES

- 3 W (806-941 MHz) Model
- 512 CH-GID / 128 Zones
- Full Keypad Model (w/ LCD and D-pad/12 key)
- 4-Line Basic Frame (2-Line Main/Sub-LCD, icon & key guide)
- 5-Line Text Message Frame (3 Lines of Text, icon & key guide)
- Multi-Language Display
- Date & 12/24 Hour Time Clock
- 7-color Light Bar Indicator
- Transmit/Busy/Call Alert/Warn LED
- Remote Stun/Kill/Check
- On/Off Volume Knob
- 16-Position Mechanical Selector
- 4-way Directional-pad (For Standard/Full Keypad)
- Emergency Key
- 2 Side PF Keys
- 1W Speaker Audio
- Dual Digital Protocol¹
- Emergency Call Features
- Built-in GPS Receiver / Antenna
- Built-in Bluetooth® 4.0 Module
- Built-in Motion Sensor
- Active Noise Reduction (ANR)
- KPG-D3N Windows® FPU
- Flash Firmware Upgrading
- Optional Software-based DES and AES Encryptions (Digital Only)
- MIL-STD-810 C/D/E/F/G
- IP54/55² Water & Dust Intrusion
- IP67² Immersion
- Digital Encode/Decode Format

1. Designed to operate digital, DMR OR NXDN, along with analog FM; a single FM digital protocol is selected with programming software.

2. Must equip Accessory Cover included with a Radio. Speaker Microphone does not cover IPs.

■ DIGITAL – NXDN® MODE

- NXDN® Conventional
- NXDN® TYPE-C (Gen1/Gen2) Trunking
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Paging Call
- Emergency Call
- All Group Call
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN® Scrambler

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional Option
- DMR Tier 3 Trunking Option
- DMR Auto Slot Select (DASS)
- AMBE+2™ VOCODER
- 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Site Roaming
- Call Interrupt (Direct & Repeater Mode)
- Paging Call
- Emergency Call
- All Group Call
- Late Entry
- Status Messaging
- Remote Control by Subscriber Units
- ARC4 Encryption Option

■ ANALOG MODE

- Conventional Zones
- LTR® Zones
- FleetSync®/II: PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- MDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF

OPTIONAL FEATURES

- 1000 Channel (**KWD-3000CH**)
- Front Panel Programming (**KWD-3001FP**)
- Built-in Bluetooth® Module for Data (**KWD-3002BT**)
- Digital NXDN Trunking (**Factory Installed**)
- DMR Tier 2 Conventional (**KWD-3301CV**)
- DMR Tier 3 Trunking (**KWD-3301CV & KWD-3302TR**)
- DMR ARC4 Enhanced Encryption (**KWD-3502EE**)
- AES/DES Encryption (**KWD-3503AE**)
- Remote Control Command by Subscriber Units (**KWD-3504RC**)

Approved by CSA-us International Inc, for Classes I, II & III, Div. 1, Groups C, D, E, F, G and are also approved for non-incendive use in Class I, Div. 2, Groups A, B hazardous locations.

RADIO

NX-3400K3 800/900MHz, 3.0 Watts, 512 CH, Full Key Model, NXDN Conv & Trunking

LIST

1121.80

Li-ion VALUE PACKAGES (Preferred for Trunked Mode Usage)

NX-3400K3-XLKVP Extra-Cap Li-Ion Value Pack : NX-3400K3+KNB-78L(2860mAh)+KSC-25LSK

LIST

1362.70



NX-3400

800/900MHz Digital & FM Analog Portable Radio

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CSA US APPROVED MODELS

LIST

Must Order L-5062 & KNB-79LCM Intrinsically Safe Battery per radio

NX-3400-ISCK3	800/900MHz, 3.0 Watts, 512 CH, Full Key Model, NXDN Conv & Trunking	1121.80
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Note: KNB-68LC is NOT compatible for NX-3000 Intrinsically Safe usage.

SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form
- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features		LIST
KWD-3000CH	License Key for 1000 Channel Expansion	190.20
KWD-3001FP	License Key for Front Panel Programming	148.50
KWD-3002BT	License Key for Bluetooth Data (Required for Data Communication) Note: Voice Communication for Bluetooth Head Set does NOT require KWD-3002BT. You can pair with any Bluetooth audio device without this option.	41.70
KWD-3301CV	License Key for DMR Tier 2 Conventional	49.50
KWD-3302TR	License Key for DMR Tier 3 Trunking (Requires KWD-3301CV)	118.80
KWD-3502EE	License Key for DMR ARC4 Enhanced Encryption	47.50
KWD-3503AE	License Key for AES/DES Encryption Note: 1. Factory Installation only. Must order L-5054. 2. Requires KPG-AE1/DE1 software key loader to encrypt. 3. KWD-3503AE is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) Please see descriptions at the bottom.	534.70
KWD-3504RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	47.50
KWD-3505DE	License Key for DES Encryption Note: Requires KPG-AE1/DE1 software key loader to load encryption keys	118.80

ANTENNAS		LIST
KRA-32K	700/800 MHz Whip Antenna	46.80
KRA-36	700/800 MHz Stubby Antenna	33.50
KRA-38K	800/900 MHz Whip Antenna	46.80
KRA-39	900 MHz Stubby Antenna	33.50

BATTERIES AND CHARGERS		LIST
KNB-78LM	2860 mAh, Li-ion battery, IP67, battery only, best for trunked mode operation	176.20
KNB-57LAM	2000 mAh, Li-ion battery, IP67, battery only, best for conventional mode operation	133.50
KNB-55LAM	1480 mAh, Li-ion battery, IP67, battery only	84.70
KNB-56N	1400 mAh, Ni-MH battery, IP67, battery only	107.00
KNB-79LCM	CSA US Intrinsically Safe Battery Li-ion 2860mAh, IP67, battery only [Intrinsically Safe Option]	216.70
KBP-5	AA Alkaline Refillable Battery Pack (6 AA; 9V) cells not included	72.20



NX-3400

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800/900MHz Digital & FM Analog Portable Radio

Single Unit Desk Chargers

KSC-25LSK	100~240 volt rapid rate single unit charger for KNB-40LC(V)/55L/57L/68LC/78LM/79LCM Li-ion Battery	64.70
KSC-25SK	110 volt Rapid rate single unit charger for KNB-26N/40LC(V)/55L/56N/57L/68LC/78LM/79LCM	83.20

6 Unit Chargers

KMB-16	Six Unit Charger Adapter for the KSC-16/20/24/25/25L chargers (chargers not included)	249.50
KMB-23	Six Unit Charger Adapter for the KSC-16/20/24/25/25L/32 chargers (chargers not included)	381.30
KSC-526K	Rapid rate 6-unit charger CEC Compliant Note: Requires charging pocket KSC-52PBW and/or KSC-52PCW, and/or KSC-52PAW	906.20
KSC-52PCW	Charging pocket for KSC-526K compatible with NX-3000 series	12.00
KMB-526K	Wall Mount Bracket for KSC-526K	91.50

Vehicle Chargers/Adapters

KVC-4	Vehicular charger adapter for the KSC-16/18/20/24/25SK chargers (chargers not included) *KSC-25LSK is not compatible with KVC-4.	156.20
KVC-23A	Rapid rate DC vehicular charger for TK-5x10/5x20, NX-5x00/NX-3x00/x00/x10/x20, TK-x180, TK-x170, & TK-x360 portables with Lithium Ion /Lithium Polymer/NiMH packs only. Note: Compatible with KNB-L11 battery	402.70

CARRYING ACCESSORIES

		LIST
KBH-11	Spring action belt clip (2.5")	19.70
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-206K3	Heavy-Duty Leather Case w/Swivel Belt Loop for Full Keypad Model	65.50
KLH-207K3	Nylon carrying case for Full Keypad Model	35.20

MICROPHONES & AUDIO ACCESSORIES

*IP grades for microphones and audio accessories are decided by each item.

		LIST
KMC-40	MIL-SPEC, Speaker Mic. with Antenna Connector Note: 5/16" Coax cable hex wrench included (antenna is not included).	495.00
KMC-70M	MIL-SPEC, IP54/55/67/68* Speaker Mic with Active Noise Reduction Note: IP68 is available only when used with NX-5000 series portable [Intrinsically Safe Option]	174.20
KMC-72W	MIL-SPEC, IP54/55/67 Noise-cancelling Speaker Mic [Intrinsically Safe Option]	133.80
KEP-1	3.5mm earphone kit for KMC-41/42W/54W/70M/72W Speaker Mics [Intrinsically Safe Option]	74.50
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black) [Intrinsically Safe Option]	223.20
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black) Note: Not compatible with TCMA operations [Intrinsically Safe Option]	283.70
KHS-14C	Lt. Wt. Single muff headset w/boom mic & In-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	155.80
KHS-15DC-BH	Hvy-duty behind-the-headset w/boom mic & earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	611.00
KHS-15D-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & PTT [Intrinsically Safe Option]	522.80

OPTION MODULES

		LIST
KCT-48VU	External Vibration Unit Note: Audio accessories cannot be used when this option installed.	114.00

SERVICE RELATED ACCESSORIES

		LIST
KPG-D3NK	License Key for KPG-D3NK Programming Software for NX-3000 Portable/Mobile Note: Requires KPT-300LMC for authentication	184.00



NX-3400

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800/900MHz Digital & FM Analog Portable Radio

KPG-AE1K	License Key for AES/DES Encryption Software Key Loader for KWD-3503AE <u>Note:</u> - Requires KPT-300LMC for authentication - KPG-AE1 is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A).	649.10
KPG-DE1K	License Key for DES Encryption Software Key Loader for KWD-3505DE <u>Note:</u> - Requires KPT-300LMC for authentication	436.50
KPG-36XM	Full Speed USB Programming interface cable	212.30
INSTALLATION / TUNING CHARGES		LIST
L-836	Assemble KMB-16 with six KSC-25/25L	16.20
L-961	Assemble KMB-23 with six KSC-24/25/25L/32 (Rapid Rate, 120 Volt versions only)	18.00
L-5001	Factory Activation of Radio Feature Licenses (per Radio) <u>Note:</u> Must purchase Radio Feature Licenses separately. <u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>	129.70
L-5052	NX-3000 Series Portables Programming (with basic TX/RX check) Must submit NX-3000 Series Programming Order Form upon placing order for any programming services.	40.50
L-5054	Installation AES/DES for NX-3000 Portable/Mobile	27.00
L-5062	Configure NX-3000 series for CSA US Intrinsically Safe <u>Note:</u> NX-3000 series I.S. radios must be used with matching I.S. battery KNB-79LCM.	36.00

-- IMPORTANT NOTES regarding ENCRYPTION SOFTWARE OPTION--

Encryption Software Option, key loaders and radios containing encryption are export controlled by the U.S. Department of Commerce Bureau of Industry & Security EAR regulations and may either require an Export License, are eligible for a License Exception (ENC) or are exportable with No License Required (NLR) depending on the country, the consignee and the intended use. High level encryption is a special commodity that may require an export license to most countries. See www.bis.gov for more information regarding export regulations. DO NOT SHIP encryption items outside the U.S. without proper DOC/BIS Export Licenses and/or compliances.

JVCKENWOOD may request the following information to be submitted at time of order (this information must meet JVCKENWOOD internal approvals prior to shipment even if being returned to JVCKENWOOD later:

a) **Initial Destination:** Initial delivery point if different from Ultimate Destination

(customer distribution center, headquarters, dealership, manufacturer's representative)

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

b) **Ultimate Destination:** Final delivery point(s); deployment/distribution

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

c) **Intended Use of Radios:** Law enforcement, security, operations, etc.

STANDARD


Basic Standard Key Full Key

All NX-3000 series portables include:

- Belt Clip (KBH-11)
- 2-PIN Accessory Cover
- Channel Stopper
- User Guide
- Premium Warranty: 3 Years*

All Accessories / options: 1 Year

Purchase Battery, Charger, Antenna separately

Note:

1. To meet IP grades and MIL, the 2-pin connector cap must be installed.
2. To maintain immersion specs (IP67), all warranty service must be done by National Kenwood Authorized Service Centers. IP67 Certification is valid under the 3 year premium warranty. No re-certification is available.

Because of spurious signal (birdie), the following frequencies (and ± 7.5 kHz ranges) are not allowed:

- | | | |
|------------|------------|------------|
| • 139.2000 | • 403.2000 | • 460.8000 |
| • 144.0000 | • 408.0000 | • 465.6000 |
| • 148.8000 | • 412.8000 | • 470.4000 |
| • 153.6000 | • 417.6000 | • 475.2000 |
| • 158.4000 | • 422.4000 | • 480.0000 |
| • 160.0000 | • 427.2000 | • 484.8000 |
| • 163.2000 | • 432.0000 | • 489.6000 |
| • 168.0000 | • 436.8000 | • 494.4000 |
| • 172.8000 | • 441.6000 | • 499.2000 |
| | • 446.4000 | • 504.0000 |
| | • 451.2000 | • 508.8000 |
| | • 456.0000 | • 513.6000 |
| | | • 518.4000 |

GENERAL FEATURES

- 5 W (136-174 MHz) Models
- 5 W (400-520 MHz) Models
- 260 CH-GID / 128 Zones
- 64 CH-GID / 4 Zones (For Basic Models)
- Basic Models (w/o LCD and keypad)
- Standard Keypad Models (w/ LCD and D-pad/4key)
- Full Keypad Models (w/ LCD and D-pad/12 key)
- 4-Line Basic Frame (2-Line Main/Sub-LCD, icon & key guide)
- 5-Line Text Message Frame (3 Lines of Text, icon & key guide)
- Multi-Language Display
- Date & 12/24 Hour Time Clock
- 7-color Light Bar Indicator
- Transmit/Busy/Call Alert/Warn LED
- Remote Stun/Kill/Check
- On/Off Volume Knob
- 16-Position Mechanical Selector
- 4-way Directional-pad (For Standard/Full Keypad)
- Emergency Key
- 2 Side PF Keys
- 1W Speaker Audio
- Dual Digital Protocol¹
- Emergency Call Features
- Built-in GPS Receiver / Antenna
- Built-in Bluetooth® 4.0 Module
- Built-in Motion Sensor
- Active Noise Reduction (ANR)
- KPG-D3N Windows® FPU
- Flash Firmware Upgrading
- Optional Software-based DES and AES Encryptions (Digital Only)
- MIL-STD-810 C/D/E/F/G
- IP54/55² Water & Dust Intrusion
- IP67² Immersion
- Color Housing Option

1. Designed to operate digital, DMR OR NXDN, along with analog FM; a single FM digital protocol is selected with programming software.
2. Must equip Accessory Cover included with a Radio. Speaker Microphone does not cover IPs.

DIGITAL – NXDN® MODE

- NXDN® Conventional
- NXDN® TYPE-C (Gen1/Gen2) Trunking Option
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Paging Call
- Emergency Call
- All Group Call
- Digital Two-Tone
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN® Scrambler

DIGITAL – DMR MODE

- DMR Tier 2 Conventional
- DMR Tier 3 Trunking Option
- DMR Auto Slot Select (DASS)
- AMBE+2™ VOCODER
- 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Site Roaming
- Call Interrupt (Direct & Repeater Mode)
- Paging Call
- Emergency Call
- All Group Call
- Late Entry
- Status Messaging
- Remote Control by Subscriber Units
- ARC4 Encryption Option

ANALOG MODE

- Conventional Zones
- LTR® Zones
- FleetSync®/II: PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- MDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF

OPTIONAL FEATURES

- 1000 Channel (**KWD-3000CH**)
- Front Panel Programming (**KWD-3001FP**)
- Built-in Bluetooth® Module for Data (**KWD-3002BT**)
- Digital NXDN Trunking (**KWD-3501TR**)
- DMR Tier 2 Conventional (**Factory Installed**)
- DMR Tier 3 Trunking (**KWD-3302TR**)
- DMR ARC4 Enhanced Encryption (**KWD-3502EE**)
- AES/DES Encryption (**KWD-3503AE**)
- Remote Control Command by Subscriber Units (**KWD-3504RC**)

Approved by CSA-us International Inc. for Classes I, II & III, Div. 1, Groups D, E, F, G and are also approved for non-incendive use in Class I, Div. 2, Groups A, B, C hazardous locations.



NX-3220/3320

Table of Contents

VHF/UHF Digital & FM Analog Portable Radios

RADIO		LIST
NX-3220K	VHF (136-174MHz), 5.0 Watts, 64 CH, Basic Model	621.50
NX-3220K2	VHF (136-174MHz), 5.0 Watts, 260CH, Standard Key Model	731.50
NX-3220K3	VHF (136-174MHz), 5.0 Watts, 260CH, Full Key Model	796.20
NX-3320K	UHF (400-520MHz), 5.0 Watts, 64 CH, Basic Model	621.50
NX-3320K2	UHF (400-520MHz), 5.0 Watts, 260CH, Standard Key Model	731.50
NX-3320K3	UHF (400-520MHz), 5.0 Watts, 260CH, Full Key Model	796.20
RADIO TRUNKING PACKAGE		LIST
NX-3220K-TR	VHF (136-174MHz), 5.0 Watts, 64 CH, Basic Model with NXDN Trunking	654.30
NX-3220K2-TR	VHF (136-174MHz), 5.0 Watts, 260CH, Standard Key Model with NXDN Trunking	764.30
NX-3220K3-TR	VHF (136-174MHz), 5.0 Watts, 260CH, Full Key Model with NXDN Trunking	829.00
NX-3320K-TR	UHF (400-520MHz), 5.0 Watts, 64 CH, Basic Model with NXDN Trunking	654.30
NX-3320K2-TR	UHF (400-520MHz), 5.0 Watts, 260CH, Standard Key Model with NXDN Trunking	764.30
NX-3320K3-TR	UHF (400-520MHz), 5.0 Watts, 260CH, Full Key Model with NXDN Trunking	829.00
Li-ion VALUE PACKAGES (Preferred for Trunked Mode Usage)		LIST
NX-3220K2-XLKVP	VHF Extra-Cap Li-Ion Value Pack : NX-3220K2+KNB-78L(2860mAh)+KSC-25LSK+KRA-26M	994.40
NX-3320K2-XLKVP	UHF Extra-Cap Li-Ion Value Pack : NX-3320K2+KNB-78L(2860mAh)+KSC-25LSK+KRA-27M	994.40
Li-ion VALUE PACKAGES (Preferred for Conventional Mode Usage)		LIST
NX-3220K2LAKVP	VHF Hi-Cap Li-Ion Value Pack : NX-3220K2+KNB-57LAM(2000mAh)+KSC-25LSK+KRA-26M	951.70
NX-3320K2LAKVP	UHF Hi-Cap Li-Ion Value Pack : NX-3320K2+KNB-57LAM(2000mAh)+KSC-25LSK+KRA-27M	951.70
NX-3220KSLAKVP	VHF Li-Ion Value Pack : NX-3220K+KNB-55LAM(1480mAh)+KSC-25LSK+KRA-26M	792.90
NX-3220K2SLAKVP	VHF Li-Ion Value Pack : NX-3220K2+KNB-55LAM(1480mAh)+KSC-25LSK+KRA-26M	902.90
NX-3220K3SLAKVP	VHF Li-Ion Value Pack : NX-3220K3+KNB-55LAM(1480mAh)+KSC-25LSK+KRA-26M	967.60
NX-3320KSLAKVP	UHF Li-Ion Value Pack : NX-3320K+KNB-55LAM(1480mAh)+KSC-25LSK+KRA-27M	792.90
NX-3320K2SLAKVP	UHF Li-Ion Value Pack : NX-3320K2+KNB-55LAM(1480mAh)+KSC-25LSK+KRA-27M	902.90
NX-3320K3SLAKVP	UHF Li-Ion Value Pack : NX-3320K3+KNB-55LAM(1480mAh)+KSC-25LSK+KRA-27M	967.60
CSA US APPROVED MODELS		LIST
Must Order L-5062 & KNB-79LCM Intrinsically Safe Battery per radio		
NX-3220-ISCK	VHF (136-174MHz), 5.0 Watts, 64 CH, Basic Model	621.50
NX-3220-ISCK2	VHF (136-174MHz), 5.0 Watts, 512 CH, Standard Key Model	731.50
NX-3220-ISCK3	VHF (136-174MHz), 5.0 Watts, 512 CH, Full Key Model	796.20
NX-3320-ISCK	UHF (400-520MHz), 5.0 Watts, 64 CH, Basic Model	621.50
NX-3320-ISCK2	UHF (400-520MHz), 5.0 Watts, 512 CH, Standard Key Model	731.50
NX-3320-ISCK3	UHF (400-520MHz), 5.0 Watts, 512 CH, Full Key Model	796.20

Note: KNB-68LC is NOT compatible for NX-3000 Intrinsically Safe usage.

SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires **KPT-300LMC & L-5000** for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- **FPU & Software Applications:** Software License Key Request Form
- **Radio Feature Licenses:** Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.



NX-3220/3320

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VHF/UHF Digital & FM Analog Portable Radios

Radio Features		LIST
KWD-3000CH	License Key for 1000 Channel Expansion	190.20
KWD-3001FP	License Key for Front Panel Programming	148.50
KWD-3002BT	License Key for Bluetooth Data (Required for Data Communication) Note: Voice Communication for Bluetooth Head Set does NOT require KWD-3002BT. You can pair with any Bluetooth audio device without this option.	41.70
KWD-3302TR	License Key for DMR Tier 3 Trunking	118.80
KWD-3501TR	License Key for Digital Trunking (Includes NXDN Type-C and Type-C Gen2)	49.50
KWD-3502EE	License Key for DMR ARC4 Enhanced Encryption	47.50
KWD-3503AE	License Key for AES/DES Encryption Note: 1. Factory Installation only. Must order L-5054. 2. Requires KPG-AE1/DE1 software key loader to encrypt. 3. KWD-3503AE is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) Please see descriptions at the bottom.	534.70
KWD-3504RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	47.50
KWD-3505DE	License Key for DES Encryption Note: Requires KPG-AE1/DE1 software key loader to load encryption keys	118.80
ANTENNAS		LIST
KRA-22M	VHF Low-profile helical antenna 148-162 MHz	22.00
KRA-22M2	VHF Low-profile helical antenna 162-174 MHz	22.00
KRA-22M3	VHF Low-profile helical antenna 136-150 MHz	22.00
KRA-23M	UHF Low-profile helical antenna 450-490 MHz	22.00
KRA-23M2	UHF Low-profile helical antenna 470-520 MHz	22.00
KRA-23M3	UHF Low-profile helical antenna 403-430 MHz	22.00
KRA-26M	VHF helical antenna 146-162 MHz	22.00
KRA-26M2	VHF helical antenna 162-174 MHz	22.00
KRA-26M3	VHF helical antenna 136-150 MHz	22.00
KRA-27M	UHF whip antenna 440-490 MHz	22.00
KRA-27M2	UHF whip antenna 470-520 MHz	22.00
KRA-27M3	UHF whip antenna 400-450 MHz	22.00
KRA-41M	VHF stubby antenna 148-162 MHz	18.30
KRA-41M2	VHF stubby antenna 162-174 MHz	18.30
KRA-41M3	VHF stubby antenna 136-150 MHz	18.30
KRA-42M	UHF stubby antenna 440-490 MHz	18.30
KRA-42M2	UHF stubby antenna 470-520 MHz	18.30
KRA-42M3	UHF stubby antenna 403-430 MHz	18.30
KRA-25	High gain VHF helically loaded whip antenna 148-162 MHz	46.00
KRA-28	Broad-band VHF helically loaded whip antenna 140-170 MHz	56.30
BATTERIES AND CHARGERS		LIST
KNB-78LM	2860 mAh, Li-ion battery, IP67, battery only, best for trunked mode operation	176.20
KNB-57LAM	2000 mAh, Li-ion battery, IP67, battery only, best for conventional mode operation	133.50
KNB-55LAM	1480 mAh, Li-ion battery, IP67, battery only	84.70
KNB-56N	1400 mAh, Ni-MH battery, IP67, battery only	107.00
KNB-79LCM	CSA US Intrinsically Safe Battery Li-ion 2860mAh, IP67, battery only [Intrinsically Safe Option]	216.70
KBP-5	AA Alkaline Refillable Battery Pack (6 AA; 9V) cells not included	72.20



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VHF/UHF Digital & FM Analog Portable Radios

Single Unit Desk Chargers

KSC-25LSK	100~240 volt rapid rate single unit charger for KNB-40LC(V)/55L/57L/57LAM/68LC/78LM/79LCM Li-ion Battery	64.70
KSC-25SK	110 volt Rapid rate single unit charger for KNB-26N/40LC(V)/55L/56N/57L/57LAM/68LC/78LM/79LCM	83.20

6 Unit Chargers

KMB-16	Six Unit Charger Adapter for the KSC-16/20/24/25/25L chargers (chargers not included)	249.50
KMB-23	Six Unit Charger Adapter for the KSC-16/20/24/25/25L/32 chargers (chargers not included)	381.30
KSC-526K	Rapid rate 6-unit charger CEC Compliant Note: Requires charging pocket KSC-52PBW and/or KSC-52PCW, and/or KSC-52PAW	906.20
KSC-52PCW	Charging pocket for KSC-526K compatible with NX-3000 series	12.00
KMB-526K	Wall Mount Bracket for KSC-526K	91.50

Vehicle Chargers/Adapters

KVC-4	Vehicular charger adapter for the KSC-16/18/20/24/25SK chargers (chargers not included) *KSC-25LSK is not compatible with KVC-4.	156.20
KVC-23A	Rapid rate DC vehicular charger for TK-5x10/5x20, NX-5x00/NX-3x00/x00/x10/x20, TK-x180, TK-x170, & TK-x360 portables with Lithium Ion /Lithium Polymer/NiMH packs only. Note: Compatible with KNB-L11 battery	402.70

CARRYING ACCESSORIES

LIST

KBH-11	Spring action belt clip (2.5")	19.70
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-206K	Heavy-Duty Leather Case w/Swivel Belt Loop for Basic Model	65.50
KLH-206K2	Heavy-Duty Leather Case w/Swivel Belt Loop for Standard Keypad Model	65.50
KLH-206K3	Heavy-Duty Leather Case w/Swivel Belt Loop for Full Keypad Model	65.50
KLH-207K	Nylon carrying case for Basic Model	35.20
KLH-207K2	Nylon carrying case for Standard Keypad Model	35.20
KLH-207K3	Nylon carrying case for Full Keypad Model	35.20

SPECIAL COLOR HOUSING

LIST

KWD-YH-3000P	High Visibility Green Housing Kit for NX-3x20 series Standard Key Portables Must order L-5068 for Factory Install. Eligible for warranty of IP67 immersion only when factory installed with L-5068. Note: If you order only housing and perform Dealer Installation, IP67 Warranty Claim will not be eligible. Note: Coloring of housing changed to High Visibility Green after Nov 2021 production. Original yellow is no longer available.	53.70
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MICROPHONES & AUDIO ACCESSORIES

LIST

*IP grades for microphones and audio accessories are decided by each item.

KMC-45D	MIL-SPEC, IP54/55 Speaker microphone (Built-in 2.5mm miniature earphone jack) Note: KMC-45 (Non D version) is not compatible with DMR (TDMA) operation. [Intrinsically Safe Option]	115.30
KMC-21A	Compact speaker microphone [Intrinsically Safe Option]	69.00
KEP-2	2.5mm earphone kit for KMC-17/45 Speaker Mic [Intrinsically Safe Option]	74.50
KHS-7C	Single muff headset w/boom mic no PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	85.70
KHS-7AC	Lt. Wt Single muff headset w/boom mic & in-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	110.00
KHS-8BL	Two-Wire palm mic w/earphone (black) [Intrinsically Safe Option]	146.70
KHS-9BL	Three-Wire lapel mic w/earphone (black) Note: Available for Analog and NXDN (FDMA) only. NOT compatible with DMR (TDMA) operations.	237.00



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VHF/UHF Digital & FM Analog Portable Radios

KHS-10DC-BH	Hvy-duty Behind-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	504.20
KHS-10DC-OH	Hvy-duty Over-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	538.50
KHS-22A	Behind-the-Head Headset with flexible boom mic and in-line PTT single ear receiver (low profile wire head band) [Intrinsically Safe Option]	75.80
KHS-26	Clip Mic w/earphone	40.00
KHS-27A	D-Ring Ear Hanger w/PTT & Mic	35.00
KHS-31C	C-Ring Ear Hanger w/PTT & Mic	42.70
SERVICE RELATED ACCESSORIES		LIST
KPG-D3NK	License Key for KPG-D3NK Programming Software for NX-3000 Portable/Mobile Note: Requires KPT-300LMC for authentication	184.00
KPG-AE1K	License Key for AES/DES Encryption Software Key Loader for KWD-3503AE Note: - Requires KPT-300LMC for authentication - KPG-AE1 is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A).	649.10
KPG-DE1K	License Key for DES Encryption Software Key Loader for KWD-3505DE Note: - Requires KPT-300LMC for authentication	436.50
KPG-22UM	USB Programming interface cable	212.30
INSTALLATION / TUNING CHARGES		LIST
L-836	Assemble KMB-16 with six KSC-25/25L	16.20
L-961	Assemble KMB-23 with six KSC-24/25/25L/32 (Rapid Rate, 120 Volt versions only)	18.00
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. <u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>	129.70
L-5052	NX-3000 Series Portables Programming (with basic TX/RX check) Must submit NX-x000 Series Programming Order Form upon placing order for any programming services.	40.50
L-5054	Installation AES/DES for NX-3000 Portable/Mobile	27.00
L-5062	Configure NX-3000 series for CSA US Intrinsically Safe Note: NX-3000 series I.S. radios must be used with matching I.S. battery KNB-79LCM.	36.00
L-5068	Assemble Color Housing KWD-YH-3000U/P with NX-3000 series Portable	28.80

-- IMPORTANT NOTES regarding ENCRYPTION SOFTWARE OPTION--

Encryption Software Option, key loaders and radios containing encryption are export controlled by the U.S. Department of Commerce Bureau of Industry & Security EAR regulations and may either require an Export License, are eligible for a License Exception (ENC) or are exportable with No License Required (NLR) depending on the country, the consignee and the intended use. High level encryption is a special commodity that may require an export license to most countries. See www.bis.gov for more information regarding export regulations. DO NOT SHIP encryption items outside the U.S. without proper DOC/BIS Export Licenses and/or compliances.

JVCKENWOOD may request the following information to be submitted at time of order (this information must meet JVCKENWOOD internal approvals prior to shipment even if being returned to JVCKENWOOD later:

a) **Initial Destination:** Initial delivery point if different from Ultimate Destination
(customer distribution center, headquarters, dealership, manufacturer's representative)

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

b) **Ultimate Destination:** Final delivery point(s); deployment/distribution

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

c) **Intended Use of Radios:** Law enforcement, security, operations, etc.



NX-3420

800/900MHz Digital & FM Analog Portable Radio

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STANDARD



All NX-3420 portables include:

- Belt Clip (KBH-11)
- Antenna (KRA-38K)
- 2-PIN Accessory Cover
- Channel Stopper
- User Guide
- Premium Warranty: 3 Years*

All Accessories / options: 1 Year

Purchase Battery and Charger separately

Note:

1. To meet IP grades and MIL, the 2-pin connector cap must be installed.
2. To maintain immersion specs (IP67), all warranty service must be done by National Kenwood Authorized Service Centers. IP67 Certification is valid under the 3 year premium warranty. No re-certification is available.

Because of spurious signal (birdie), the following frequencies (and $\pm 6.25\text{kHz}$ ranges) are not allowed:

- 854.4000 • 936.0000
- 859.2000 • 940.8000
- 864.0000
- 868.8000

GENERAL FEATURES

- 3 W (806-941 MHz) Model
- 260 CH-GID / 128 Zones
- Full Keypad Model (w/ LCD and D-pad/12 key)
- 4-Line Basic Frame (2-Line Main/Sub-LCD, icon & key guide)
- 5-Line Text Message Frame (3 Lines of Text, icon & key guide)
- Multi-Language Display
- Date & 12/24 Hour Time Clock
- 7-color Light Bar Indicator
- Transmit/Busy/Call Alert/Warn LED
- Remote Stun/Kill/Check
- On/Off Volume Knob
- 16-Position Mechanical Selector
- 4-way Directional-pad (For Standard/Full Keypad)
- Emergency Key
- 2 Side PF Keys
- 1W Speaker Audio
- Dual Digital Protocol¹
- Emergency Call Features
- Built-in GPS Receiver / Antenna
- Built-in Bluetooth[®] 4.0 Module
- Built-in Motion Sensor
- Active Noise Reduction (ANR)
- KPG-D3N Windows[®] FPU
- Flash Firmware Upgrading
- Optional Software-based DES and AES Encryptions (Digital Only)
- MIL-STD-810 C/D/E/F/G
- IP54/55² Water & Dust Intrusion
- IP67² Immersion
- Digital Encode/Decode Format

1. Designed to operate digital, DMR OR NXDN, along with analog FM; a single FM digital protocol is selected with programming software.

2. Must equip **Accessory Cover** included with a Radio. Speaker Microphone does not cover IPs.

DIGITAL – NXDN[®] MODE

- NXDN[®] Conventional
- NXDN[®] TYPE-C (Gen1/Gen2) Trunking
- AMBE+2[™] VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Paging Call
- Emergency Call
- All Group Call
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN[®] Scrambler

DIGITAL – DMR MODE

- DMR Tier 2 Conventional Option
- DMR Tier 3 Trunking Option
- DMR Auto Slot Select (DASS)
- AMBE+2[™] VOCODER
- 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Site Roaming
- Call Interrupt (Direct & Repeater Mode)
- Paging Call
- Emergency Call
- All Group Call
- Late Entry
- Status Messaging
- Remote Control by Subscriber Units
- ARC4 Encryption Option

ANALOG MODE

- Conventional Zones
- LTR[®] Zones
- FleetSync[®]/I: PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- MDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF
- Built-in Voice Inversion Scrambler

OPTIONAL FEATURES

- 1000 Channel (**KWD-3000CH**)
- Front Panel Programming (**KWD-3001FP**)
- Built-in Bluetooth[®] Module for Data (**KWD-3002BT**)
- Digital NXDN Trunking (**Factory Installed**)
- DMR Tier 2 Conventional (**KWD-3301CV**)
- DMR Tier 3 Trunking (**KWD-3301CV & KWD-3302TR**)
- DMR ARC4 Enhanced Encryption (**KWD-3502EE**)
- AES/DES Encryption (**KWD-3503AE**)
- Remote Control Command by Subscriber Units (**KWD-3504RC**)

Approved by CSA-us International Inc. for Classes I, II & III, Div. 1, Groups D, E, F, G and are also approved for non-Incendive use in Class I, Div. 2, Groups A, B, C hazardous locations.

RADIO		LIST
NX-3420K3	800/900MHz, 3.0 Watts, 260 CH, Full Key Model, NXDN Conv & Trunking	869.50
Li-ion VALUE PACKAGES (Preferred for Trunked Mode Usage)		LIST
NX-3420K3-XLKVP	Extra-Cap Li-Ion Value Pack : NX-3420K3+KNB-78L(2860mAh)+KSC-25LSK	1110.40



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800/900MHz Digital & FM Analog Portable Radio

CSA US APPROVED MODELS

LIST

Must Order L-5062 & KNB-79LCM Intrinsically Safe Battery per radio

NX-3420-ISCK3	800/900MHz, 3.0 Watts, 260 CH, Full Key Model, NXDN Conv & Trunking	869.50
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Note: KNB-68LC is NOT compatible for NX-3000 Intrinsically Safe usage.

SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form

- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features		LIST
KWD-3000CH	License Key for 1000 Channel Expansion	190.20
KWD-3001FP	License Key for Front Panel Programming	148.50
KWD-3002BT	License Key for Bluetooth Data (Required for Data Communication) Note: Voice Communication for Bluetooth Head Set does NOT require KWD-3002BT. You can pair with any Bluetooth audio device without this option.	41.70
KWD-3301CV	License Key for DMR Tier 2 Conventional	49.50
KWD-3302TR	License Key for DMR Tier 3 Trunking (Requires KWD-3301CV)	118.80
KWD-3502EE	License Key for DMR ARC4 Enhanced Encryption	47.50
KWD-3503AE	License Key for AES/DES Encryption Note: 1. Factory Installation only. Must order L-5054. 2. Requires KPG-AE1/DE1 software key loader to encrypt. 3. KWD-3503AE is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) Please see descriptions at the bottom.	534.70
KWD-3504RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	47.50
KWD-3505DE	License Key for DES Encryption Note: Requires KPG-AE1/DE1 software key loader to load encryption keys	118.80

ANTENNAS

		LIST
KRA-32K	700/800 MHz Whip Antenna	46.80
KRA-36	700/800 MHz Stubby Antenna	33.50
KRA-38K	800/900 MHz Whip Antenna	46.80
KRA-39	900 MHz Stubby Antenna	33.50

BATTERIES AND CHARGERS

		LIST
KNB-78LM	2860 mAh, Li-ion battery, IP67, battery only, best for trunked mode operation	176.20
KNB-57LAM	2000 mAh, Li-ion battery, IP67, battery only, best for conventional mode operation	133.50
KNB-55LAM	1480 mAh, Li-ion battery, IP67, battery only	84.70
KNB-56N	1400 mAh, Ni-MH battery, IP67, battery only	107.00
KNB-79LCM	CSA US Intrinsically Safe Battery Li-ion 2860mAh, IP67, battery only [Intrinsically Safe Option]	216.70
KBP-5	AA Alkaline Refillable Battery Pack (6 AA; 9V) cells not included	72.20



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800/900MHz Digital & FM Analog Portable Radio

Single Unit Desk Chargers

KSC-25LSK	100~240 volt rapid rate single unit charger for KNB-40LC(V)/55L/57L/57LAM/68LC/78LM/79LCM Li-ion Battery	64.70
KSC-25SK	110 volt Rapid rate single unit charger for KNB-26N/40LC(V)/55L/56N/57L/57LAM/68LC/78LM/79LCM	83.20

6 Unit Chargers

KMB-16	Six Unit Charger Adapter for the KSC-16/20/24/25/25L chargers (chargers not included)	249.50
KMB-23	Six Unit Charger Adapter for the KSC-16/20/24/25/25L/32 chargers (chargers not included)	381.30
KSC-526K	Rapid rate 6-unit charger CEC Compliant Note: Requires charging pocket KSC-52PBW and/or KSC-52PCW, and/or KSC-52PAW	906.20
KSC-52PCW	Charging pocket for KSC-526K compatible with NX-3000 series	12.00
KMB-526K	Wall Mount Bracket for KSC-526K	91.50

Vehicle Chargers/Adapters

KVC-4	Vehicular charger adapter for the KSC-16/18/20/24/25SK chargers (chargers not included) *KSC-25LSK is not compatible with KVC-4.	156.20
KVC-23A	Rapid rate DC vehicular charger for TK-5x10/5x20, NX-5x00/NX-3x00/x00/x10/x20, TK-x180, TK-x170, & TK-x360 portables with Lithium Ion /Lithium Polymer/NiMH packs only. Note: Compatible with KNB-L11 battery	402.70

CARRYING ACCESSORIES

LIST

KBH-11	Spring action belt clip (2.5")	19.70
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-206K3	Heavy-Duty Leather Case w/Swivel Belt Loop for Full Keypad Model	65.50
KLH-207K3	Nylon carrying case for Full Keypad Model	35.20

MICROPHONES & AUDIO ACCESSORIES

LIST

*IP grades for microphones and audio accessories are decided by each item.

KMC-45D	MIL-SPEC, IP54/55 Speaker microphone (Built-in 2.5mm miniature earphone jack) Note: KMC-45 (Non D version) is not compatible with DMR (TDMA) operation. [Intrinsically Safe Option]	115.30
KMC-21A	Compact speaker microphone [Intrinsically Safe Option]	69.00
KEP-2	2.5mm earphone kit for KMC-17/45 Speaker Mic [Intrinsically Safe Option]	74.50
KHS-7C	Single muff headset w/boom mic no PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	85.70
KHS-7AC	Lt. Wt Single muff headset w/boom mic & in-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	110.00
KHS-8BL	Two-Wire palm mic w/earphone (black) [Intrinsically Safe Option]	146.70
KHS-9BL	Three-Wire lapel mic w/earphone (black) Note: Available for Analog and NXDN (FDMA) only, NOT compatible with DMR (TDMA) operations.	237.00
KHS-10DC-BH	Hvy-duty Behind-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	504.20
KHS-10DC-OH	Hvy-duty Over-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	538.50
KHS-22A	Behind-the-Head Headset with flexible boom mic and in-line PTT single ear receiver (low profile wire head band) [Intrinsically Safe Option]	75.80
KHS-26	Clip Mic w/earphone	40.00
KHS-27A	D-Ring Ear Hanger w/PTT & Mic	35.00
KHS-31C	C-Ring Ear Hanger w/PTT & Mic	42.70



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800/900MHz Digital & FM Analog Portable Radio

SERVICE RELATED ACCESSORIES		LIST
KPG-D3NK	License Key for KPG-D3NK Programming Software for NX-3000 Portable/Mobile Note: Requires KPT-300LMC for authentication	184.00
KPG-AE1K	License Key for AES/DES Encryption Software Key Loader for KWD-3503AE Note: - Requires KPT-300LMC for authentication - KPG-AE1 is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A).	649.10
KPG-DE1K	License Key for DES Encryption Software Key Loader for KWD-3505DE Note: - Requires KPT-300LMC for authentication	436.50
KPG-22UM	USB Programming interface cable	212.30
INSTALLATION / TUNING CHARGES		LIST
L-836	Assemble KMB-16 with six KSC-25/25L	16.20
L-961	Assemble KMB-23 with six KSC-24/25/25L/32 (Rapid Rate, 120 Volt versions only)	18.00
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. KPT-300LMC's History Menu will not display the Radio Features activated by Factory.	129.70
L-5052	NX-3000 Series Portables Programming (with basic TX/RX check) Must submit NX-x000 Series Programming Order Form upon placing order for any programming services.	40.50
L-5054	Installation AES/DES for NX-3000 Portable/Mobile	27.00
L-5062	Configure NX-3000 series for CSA US Intrinsically Safe Note: NX-3000 series I.S. radios must be used with matching I.S. battery KNB-79LCM.	36.00

-- IMPORTANT NOTES regarding ENCRYPTION SOFTWARE OPTION--

Encryption Software Option, key loaders and radios containing encryption are export controlled by the U.S. Department of Commerce Bureau of Industry & Security EAR regulations and may either require an Export License, are eligible for a License Exception (ENC) or are exportable with No License Required (NLR) depending on the country, the consignee and the intended use. High level encryption is a special commodity that may require an export license to most countries. See www.bis.gov for more information regarding export regulations. DO NOT SHIP encryption items outside the U.S. without proper DOC/BIS Export Licenses and/or compliances.

JVCKENWOOD may request the following information to be submitted at time of order (this information must meet JVCKENWOOD internal approvals prior to shipment even if being returned to JVCKENWOOD later:

a) **Initial Destination:** Initial delivery point if different from Ultimate Destination (customer distribution center, headquarters, dealership, manufacturer's representative)

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

b) **Ultimate Destination:** Final delivery point(s); deployment/distribution

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

c) **Intended Use of Radios:** Law enforcement, security, operations, etc.

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VHF/UHF NXDN & FM Analog Portable Radios

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All NX-1000 series portables include:

- Li-ion Battery (KNB-45L)
- Fast Charger (KSC-35SK)
- Antenna [KRA-26M(VHF)/27M(UHF)]
- Belt Clip (KBH-10)
- 2-PIN Connector Cap
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

Note:

1. To meet IP grades and MIL, the 2-pin connector cap or accessory must be installed.

STANDARD

■ GENERAL FEATURES

- 5 W (136-174 MHz) Models
- 5 W (400-470 MHz) Models
- 5 W (450-520 MHz) Models
- NXDN & Analog Mode
- Optional DMR Mode Conversion
- AMBE+2™ VOCODER
- 260 CH-GID / 128 Zones
- 64 CH-GID / 4 Zones (For Basic Models)
- Basic Models
- Standard Keypad Models w/ LCD
- 13-seg, 8-character LCD
- 7-color LED Indicator
- KENWOOD Audio Quality
 - Audio Equalizer: Flat, High, or Low
 - Auto Gain Control: On, High, or Low
 - Noise Suppressor
 - Microphone type selection
- Multiple Scan Functions
 - Dual Priority, Single, Zone, Multi, Scan
- On/Off Volume Knob
- 16-Position Mechanical Selector
- 2 Side PF Keys
- 1W Speaker Audio
- VOX
- Emergency Call Features
- Lone Worker
- Max/Min Volume Setting
- Voice Announcement
- Front Panel Programming Mode
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G
- IP54/55 Water & Dust Intrusion
- Intrinsically Safe Option

■ DIGITAL – NXDN® MODE

- NXDN® Conventional & Site Roaming
- NXDN® Type-D Trunking Option
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Digital / Analog Mixed Mode
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- NXDN® Scrambler
- NXDN® ESN Validation (for Type-D System)
- Late Entry

■ DIGITAL – DMR MODE (Optional)

- DMR Tier 2 Conventional & Site Roaming
- DMR Auto Slot Select (DASS)
- 12.5 kHz Channels
- Digital / Analog Mixed Mode
- Call Interrupt
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- Over-the-Air Alias
- Late Entry
- ARC4 Encryption Option

■ ANALOG MODE

- Conventional Zones
- FleetSync®: PTT ID, Stun/Revive, Talk back, Selcall
- MDC-1200: PTT ID, Radio Inhibit/Unihit, Radio Check, Emergency
- QT / DQT, Two-Tone, DTMF
- Built-in Voice Inversion Scrambler
- Built-in Comander

OPTIONAL FEATURES

- NXDN Type-D Trunking License (**KWD-1202TDK**)
- DMR Conversion License (**KWD-1301CN**)
- DMR ARC4 Enhanced Encryption (**KWD-1500EE**) *Only applicable after DMR conversion
- Remote Control Command by Subscriber Units (**KWD-1501RC**)

Digital mode conversion & Type-D requires additional firmware loading after applying upgrade license. Please download latest firmware from MyTools website > Product > Firmware

Approved for Class I, Div. 1, Group D and are also approved for non-Incendive use in Class I, Div. 2, Groups A, B, C, D hazardous locations.

RADIO			LIST
NX-1200NVBK	VHF (136-174MHz), 5W, 64 CH, Basic Model, NXDN/Analog		405.80
NX-1200NVBK2	VHF (136-174MHz), 5W, 260 CH, LCD & Standard Keypad, NXDN/Analog		506.80
NX-1300NUBK	UHF (450-520MHz), 5W, 64 CH, Basic Model, NXDN/Analog		405.80
NX-1300NUBK2	UHF (450-520MHz), 5W, 260 CH, LCD & Standard Keypad, NXDN/Analog		506.80
NX-1300NUBK4	UHF (400-470MHz), 5W, 64 CH, Basic Model, NXDN/Analog		405.80
NX-1300NUBK5	UHF (400-470MHz), 5W, 260 CH, LCD & Standard Keypad, NXDN/Analog		506.80
CSA US APPROVED MODELS			LIST
All in one package with Radio, Antenna, Battery (KNB-82LCM Intrinsically Safe Battery) and Charger			
NX-1200-ISCNBK	VHF (136-174MHz), 5W, 64 CH, Basic Model, NXDN/Analog		602.00
Note: Can be used in Class I Gas Environment only			

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NX-1200-ISCNBK2	VHF (136-174MHz), 5W, 260 CH, LCD & Standard Keypad, NXDN/Analog Note: Can be used in Class I Gas Environment only	702.70
CSA US APPROVED MODELS, CON'T		LIST
NX-1300-ISCNBK	UHF (450-520MHz), 5W, 64 CH, Basic Model, NXDN/Analog Note: Can be used in Class I Gas Environment only	602.00
NX-1300-ISCNBK2	UHF (450-520MHz), 5W, 260 CH, LCD & Standard Keypad, NXDN/Analog Note: Can be used in Class I Gas Environment only	702.70
NX-1300-ISCNBK4	UHF (400-470MHz), 5W, 64 CH, Basic Model, NXDN/Analog Note: Can be used in Class I Gas Environment only	602.00
NX-1300-ISCNBK5	UHF (400-470MHz), 5W, 260 CH, LCD & Standard Keypad, NXDN/Analog Note: Can be used in Class I Gas Environment only	702.70
ANTENNAS		LIST
KRA-26M	VHF helical antenna 146-162 MHz	22.00
KRA-26M2	VHF helical antenna 162-174 MHz	22.00
KRA-26M3	VHF helical antenna 136-150 MHz	22.00
KRA-27M	UHF whip antenna 440-490 MHz	22.00
KRA-27M2	UHF whip antenna 470-520 MHz	22.00
KRA-27M3	UHF whip antenna 400-450 MHz	22.00
KRA-41M	VHF stubby antenna 148-162 MHz	18.30
KRA-41M2	VHF stubby antenna 162-174 MHz	18.30
KRA-41M3	VHF stubby antenna 136-150 MHz	18.30
KRA-42M	UHF stubby antenna 440-490 MHz	18.30
KRA-42M2	UHF stubby antenna 470-520 MHz	18.30
KRA-42M3	UHF stubby antenna 403-430 MHz	18.30
KRA-22M	VHF low profile antenna 148-162 MHz	22.00
KRA-22M2	VHF low profile antenna 162-174 MHz	22.00
KRA-22M3	VHF low profile antenna 136-150 MHz	22.00
KRA-23M	UHF low profile antenna 450-490 MHz	22.00
KRA-23M2	UHF low profile antenna 470-520 MHz	22.00
KRA-23M3	UHF low profile antenna 403-430 MHz	22.00
BATTERIES AND CHARGERS		LIST
KNB-45L	2000 mAh, Li-ion battery - requires KSC-35K/SK charger	87.20
KNB-69L	2550 mAh, Li-ion battery - requires KSC-35K/SK charger	105.00
KNB-82LCM	CSA US Intrinsically Safe Battery Li-ion 1900mAh, battery only [Intrinsically Safe Option]	154.00
KNB-29N	1500 mAh, NiMH battery - requires KSC-43K charger	49.30
KSC-35SK	110~220 volt Fast rate single unit charger for KNB-45L/69L	42.20
KSC-43K	110~220 volt Fast rate single unit charger for KNB-29N/45L/69L	49.20
KMB-28AK	Six Unit Charger Adapter for the KSC-35SK chargers (chargers not included) Note: A supplied in-line AC-DC switching power supply with six DC plugs supply installed KSC-xx charger bases. This unit is lower profile and less weight than similar Kenwood six unit charger adapters.	280.00
KVC-22	110~220 volt Fast rate DC vehicular charger adapter for KSC-35SK charger (charger not included)	49.20

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VHF/UHF NXDN & FM Analog Portable Radios

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CARRYING ACCESSORIES**LIST**

KBH-10	Spring action belt clip	11.00
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-187	Nylon case for NX-1200/1300 srs	19.70

MICROPHONES & AUDIO ACCESSORIES**LIST**

KMC-45D	MIL-SPEC, IP54/55 Speaker microphone (Built-in 2.5mm miniature earphone jack) Note: KMC-45 (Non D version) is not compatible with DMR (TDMA) operation. [Intrinsically Safe Option]	115.30
KMC-21A	Compact speaker microphone [Intrinsically Safe Option]	69.00
KEP-2	2.5mm earphone kit for KMC-17/45 Speaker Mic [Intrinsically Safe Option]	74.50
KHS-7C	Single muff headset w/boom mic no PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	85.70
KHS-7AC	Lt. Wt Single muff headset w/boom mic & in-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	110.00
KHS-8BL	Two-Wire palm mic w/earphone (black) [Intrinsically Safe Option]	146.70
KHS-9BL	Three-Wire lapel mic w/earphone (black) Note: Available for Analog and NXDN (FDMA) only, NOT compatible with DMR (TDMA) operations.	237.00
KHS-10DC-BH	Hvy-duty Behind-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	504.20
KHS-10DC-OH	Hvy-duty Over-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	538.50
KHS-22A	Behind-the-Head Headset with flexible boom mic and in-line PTT single ear receiver (low profile wire head band) [Intrinsically Safe Option]	75.80
KHS-26	Clip Mic w/earphone [Intrinsically Safe Option]	40.00
KHS-27A	D-Ring Ear Hanger w/PTT & Mic	35.00
KHS-31C	C-Ring Ear Hanger w/PTT & Mic	42.70

SOFTWARE LICENSING & RADIO FEATURE OPTIONS**IMPORTANT:** NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form

- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features		LIST
KWD-1202TDK	License Key for NXDN Type-D Trunking	12.00
KWD-1301CN	License Key for DMR Conventional Conversion	49.50
KWD-1500EE	License key for DMR ARC4 Enhanced Encryption Note: ARC4 Enhanced Encryption is available only in DMR mode.	39.70
KWD-1501RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	39.70

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VHF/UHF NXDN & FM Analog Portable Radios

SERVICE RELATED ACCESSORIES**LIST**

KPG-D6NK	License Key for KPG-D6NK Programming Software for NX-1000 series portable/mobile <u>Note:</u> Requires KPT-300LMC for authentication	122.80
KPG-22UM	USB Programming interface cable	212.30
E30-3410-05	2 pin Clone Cable	107.00

Contact Kenwood Parts for price and availability for listed parts

D32-0456-03	Channel stopper for NX-1000 series Basic(No Display) model	-
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INSTALLATION / TUNING CHARGES**LIST**

L-5001	Factory Activation of Radio Feature Licenses (per Radio) <u>Note:</u> Must purchase Radio Feature Licenses separately. <u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>	129.70
L-5075	NX-1000 Series Portables Programming (with basic TX/RX check) Must submit <u>NX-x000 Series Programming Order Form</u> upon placing order for any programming services.	40.50

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NX-1200NV/1300NU (K3/K6)

VHF/UHF NXDN & FM Analog Portable Radios

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NX-1000 series full keypad portables include:

- Li-ion Battery (KNB-84LA)
- Fast Charger (KSC-35SK)
- Antenna [KRA-26M(VHF)/27M(UHF)]
- Belt Clip (KBH-10)
- 2-PIN Connector Cap
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

Note:

1. To meet IP grades and MIL, radio must be installed with the KNB-84LA and the 2-pin connector cap.

STANDARD

■ GENERAL FEATURES

- 5 W (136-174 MHz) Models
- 5 W (400-470 MHz) Models
- 5 W (450-520 MHz) Models
- NXDN & Analog Mode
- Optional DMR Mode Conversion
- AMBE+2™ VOCODER
- 260 CH-GID / 128 Zones
- Full Keypad Models w/ LCD
- 13-seg, 8-character LCD
- 7-color LED Indicator
- KENWOOD Audio Quality
 - Audio Equalizer: Flat, High, or Low
 - Auto Gain Control: On, High, or Low
 - Noise Suppressor
 - Microphone type selection
- Multiple Scan Functions
 - Dual Priority, Single, Zone, Multi, Scan
- On/Off Volume Knob
- 16-Position Mechanical Selector
- 2 Side PF Keys
- 1W Speaker Audio
- VOX
- Emergency Call Features
 - Lone Worker
 - Max/Min Volume Setting
 - Voice Announcement
 - Front Panel Programming Mode
 - Manual Dialing
- (Analog DTMF, Digital Status Messaging and Individual Calling)
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G
- IEC 60529 - IP54/55/67 Water & Dust Intrusion

■ DIGITAL – NXDN® MODE

- NXDN® Conventional & Site Roaming
- NXDN® Type-D Trunking Option
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Digital / Analog Mixed Mode
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- NXDN® Scrambler
- NXDN® ESN Validation (for Type-D System)
- Late Entry

■ DIGITAL – DMR MODE (Optional)

- DMR Tier 2 Conventional & Site Roaming
- DMR Auto Slot Select (DASS)
- 12.5 kHz Channels
- Digital / Analog Mixed Mode
- Call Interrupt
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- Over-the-Air Alias
- Late Entry
- ARC4 Encryption Option

■ ANALOG MODE

- Conventional Zones
- FleetSync®: PTT ID, Stun/Revive, Talk back, Selcall
- MDC-1200: PTT ID, Radio Inhibit/Unihit, Radio Check, Emergency
- QT / DQT, Two-Tone, DTMF
- Built-in Voice Inversion Scrambler
- Built-in Compander

OPTIONAL FEATURES

- NXDN Type-D Trunking License (**KWD-1202TDK**)
- DMR Conversion License (**KWD-1301CN**)
- DMR ARC4 Enhanced Encryption (**KWD-1500EE**) *Only applicable after DMR conversion
- Remote Control Command by Subscriber Units (**KWD-1501RC**)

Digital mode conversion & Type-D requires additional firmware loading after applying upgrade license. Please download latest firmware from MyTools website > Product > Firmware

RADIO		LIST
NX-1200NVK3	VHF (136-174MHz), 5W, 260 CH, LCD & Full Keypad, NXDN/Analog	601.20
NX-1300NUK3	UHF (450-520MHz), 5W, 260 CH, LCD & Full Keypad, NXDN/Analog	601.20
NX-1300NUK6	UHF (400-470MHz), 5W, 260 CH, LCD & Full Keypad, NXDN/Analog	601.20
ANTENNAS		LIST
KRA-26M	VHF helical antenna 146-162 MHz	22.00
KRA-26M2	VHF helical antenna 162-174 MHz	22.00
KRA-26M3	VHF helical antenna 136-150 MHz	22.00
KRA-27M	UHF whip antenna 440-490 MHz	22.00
KRA-27M2	UHF whip antenna 470-520 MHz	22.00
KRA-27M3	UHF whip antenna 400-450 MHz	22.00

NEXEDGE™

NX-1200NV/1300NU (K3/K6)

VHF/UHF NXDN & FM Analog Portable Radios

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ANTENNAS, CON'T

		LIST
KRA-41M	VHF stubby antenna 148-162 MHz	18.30
KRA-41M2	VHF stubby antenna 162-174 MHz	18.30
KRA-41M3	VHF stubby antenna 136-150 MHz	18.30
KRA-42M	UHF stubby antenna 440-490 MHz	18.30
KRA-42M2	UHF stubby antenna 470-520 MHz	18.30
KRA-42M3	UHF stubby antenna 403-430 MHz	18.30
KRA-22M	VHF low profile antenna 148-162 MHz	22.00
KRA-22M2	VHF low profile antenna 162-174 MHz	22.00
KRA-22M3	VHF low profile antenna 136-150 MHz	22.00
KRA-23M	UHF low profile antenna 450-490 MHz	22.00
KRA-23M2	UHF low profile antenna 470-520 MHz	22.00
KRA-23M3	UHF low profile antenna 403-430 MHz	22.00

BATTERIES AND CHARGERS

		LIST
KNB-45L	2000 mAh, Li-ion battery - requires KSC-35K/SK charger	87.20
KNB-69L	2550 mAh, Li-ion battery - requires KSC-35K/SK charger	105.00
KNB-84LA	1900 mAh, Li-ion battery (IEC 60529 - IP67) - requires KSC-35K/SK charger	98.50
KNB-29N	1500 mAh, NiMH battery - requires KSC-43K charger	49.30
KSC-35SK	110~220 volt Fast rate single unit charger for KNB-45L/69L/84LA	42.20
KSC-43K	110~220 volt Fast rate single unit charger for KNB-29N/45L/69L/84LA	49.20
KMB-28AK	Six Unit Charger Adapter for the KSC-35SK chargers (chargers not included) Note: A supplied in-line AC-DC switching power supply with six DC plugs supply installed KSC-xx charger bases. This unit is lower profile and less weight than similar Kenwood six unit charger adapters.	280.00
KVC-22	110~220 volt Fast rate DC vehicular charger adapter for KSC-35SK charger (charger not included)	49.20

CARRYING ACCESSORIES

		LIST
KBH-10	Spring action belt clip	11.00
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-187	Nylon case for NX-1200/1300 srs (non-DTMF)	19.70

MICROPHONES & AUDIO ACCESSORIES

		LIST
KMC-45D	MIL-SPEC, IP54/55 Speaker microphone (Built-in 2.5mm miniature earphone jack) Note: KMC-45 (Non D version) is not compatible with DMR (TDMA) operation.	115.30
KMC-21A	Compact speaker microphone	69.00
KEP-2	2.5mm earphone kit for KMC-17/45 Speaker Mic	74.50
KHS-7C	Single muff headset w/boom mic no PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	85.70
KHS-7AC	Lt. Wt Single muff headset w/boom mic & in-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	110.00
KHS-8BL	Two-Wire palm mic w/earphone (black)	146.70
KHS-9BL	Three-Wire lapel mic w/earphone (black) Note: Available for Analog and NXDN (FDMA) only. NOT compatible with DMR (TDMA) operations.	237.00
KHS-10DC-BH	Hvy-duty Behind-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB	504.20
KHS-10DC-OH	Hvy-duty Over-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB	538.50
KHS-22A	Behind-the-Head Headset with flexible boom mic and in-line PTT single ear receiver (low profile wire head band)	75.80
KHS-26	Clip Mic w/earphone	40.00
KHS-27A	D-Ring Ear Hanger w/PTT & Mic	35.00
KHS-31C	C-Ring Ear Hanger w/PTT & Mic	42.70

NEXEDGE®

NX-1200NV/1300NU (K3/K6)

VHF/UHF NXDN & FM Analog Portable Radios

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SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form
- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features		DEALER	LIST
KWD-1202TDK	License Key for NXDN Type-D Trunking		12.00
KWD-1301CN	License Key for DMR Conventional Conversion		49.50
KWD-1500EE	License key for DMR ARC4 Enhanced Encryption <u>Note:</u> ARC4 Enhanced Encryption is available only in DMR mode.		39.70
KWD-1501RC	License Key for Remote Control by Subscriber Unit <u>Note:</u> - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.		39.70
SERVICE RELATED ACCESSORIES			LIST
KPG-D6NK	License Key for KPG-D6NK Programming Software for NX-1000 series portable/mobile <u>Note:</u> Requires KPT-300LMC for authentication		122.80
KPG-22UM	USB Programming interface cable		212.30
E30-3410-05	2 pin Clone Cable		107.00
Contact Kenwood Parts for price and availability for listed parts			
D32-0456-03	Channel stopper for NX-1000 series Basic(No Display) model	-	-
INSTALLATION / TUNING CHARGES			LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio) <u>Note:</u> Must purchase Radio Feature Licenses separately. KPT-300LMC's History Menu will not display the Radio Features activated by Factory.		129.7
L-5075	NX-1000 Series Portables Programming (with basic TX/RX check) Must submit <u>NX-x000 Series Programming Order Form</u> upon placing order for any programming services.		40.50



NX-1200DV/1300DU

VHF/UHF DMR & FM Analog Portable Radios

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All NX-1000 series portables include:

- Li-ion Battery (KNB-45L)
- Fast Charger (KSC-35SK)
- Antenna [KRA-26M(VHF)/27M(UHF)]
- Belt Clip (KBH-10)
- 2-PIN Connector Cap
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

Note:

1. To meet IP grades and MIL, the 2-pin connector cap or accessory must be installed.

STANDARD

■ GENERAL FEATURES

- 5 W (136-174 MHz) Models
- 5 W (400-470 MHz) Models
- 5 W (450-520 MHz) Models
- DMR & Analog Mode
- Optional NXDN Mode Conversion
- AMBE+2™ VOCODER
- 260 CH-GID / 128 Zones
- 64 CH-GID / 4 Zones (For Basic Models)
- Basic Models
- Standard Keypad Models (w/ LCD)
- 13-seg, 8-character LCD
- 7-color LED Indicator
- KENWOOD Audio Quality
 - Audio Equalizer: Flat, High, or Low
 - Auto Gain Control: On, High, or Low
 - Noise Suppressor
 - Microphone type selection
- Multiple Scan Functions
 - Dual Priority, Single, Zone, Multi, Scan
- On/Off Volume Knob
- 16-Position Mechanical Selector
- 2 Side PF Keys
- 1W Speaker Audio
- VOX
- Emergency Call Features
 - Lone Worker
 - Max/Min Volume Setting
 - Voice Announcement
- Front Panel Programming Mode
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G
- IP54/55 Water & Dust Intrusion
- Intrinsically Safe Option

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional & Site Roaming
- DMR Auto Slot Select (DASS)
- 12.5 kHz Channels
- Digital / Analog Mixed Mode
- Call Interrupt
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- Over-the-Air Alias
- Late Entry
- ARC4 Encryption Option

■ DIGITAL – NXDN® MODE (Optional)

- NXDN® Conventional & Site Roaming
- NXDN® Type-D Trunking Option
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Digital / Analog Mixed Mode
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- NXDN® Scrambler
- NXDN® ESN Validation (for Type-D System)
- Late Entry

■ ANALOG MODE

- Conventional Zones
- FleetSync®: PTT ID, Stun/Revive, Talk back, Selcall
- MDC-1200: PTT ID, Radio Inhibit/Unihit, Radio Check, Emergency
- QT / DQT
- Two-Tone
- DTMF
- Built-in Voice Inversion Scrambler (per channel)
- Built-in Compander (per channel)

OPTIONAL FEATURES

- NXDN Conversion License (**KWD-1201CD**)
- NXDN Type-D Trunking License (**KWD-1202TDK**) *Requires KWD-1201CD enabled
- DMR ARC4 Enhanced Encryption (**KWD-1500EE**)
- Remote Control Command by Subscriber Units (**KWD-1501RC**)

Digital mode conversion & Type-D requires additional firmware loading after applying upgrade license. Please download latest firmware from MyTools website > Product > Firmware

Approved for Class I, Div. 1, Group D and are also approved for non-Incendive use in Class I, Div. 2, Groups A, B, C, D hazardous locations.

RADIO			LIST
NX-1200DVBK	VHF (136-174MHz), 5W, 64 CH, Basic Model, DMR/Analog		405.80
NX-1200DVBK2	VHF (136-174MHz), 5W, 260 CH, LCD & Standard Keypad, DMR/Analog		506.80
NX-1300DUBK	UHF (450-520MHz), 5W, 64 CH, Basic Model, DMR/Analog		405.80
NX-1300DUBK2	UHF (450-520MHz), 5W, 260 CH, LCD & Standard Keypad, DMR/Analog		506.80
NX-1300DUBK4	UHF (400-470MHz), 5W, 64 CH, Basic Model, DMR/Analog		405.80
NX-1300DUBK5	UHF (400-470MHz), 5W, 260 CH, LCD & Standard Keypad, DMR/Analog		506.80



NX-1200DV/1300DU

VHF/UHF DMR & FM Analog Portable Radios

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CSA US APPROVED MODELS

LIST

All in one package with Radio, Antenna, Battery (KNB-82LCM Intrinsically Safe Battery) and Charger

NX-1200-ISCDBK	VHF (136-174MHz), 5W, 64 CH, Basic Model, DMR/Analog Note: Can be used in Class I Gas Environment only	602.00
NX-1200-ISCDBK2	VHF (136-174MHz), 5W, 260 CH, LCD & Standard Keypad, DMR/Analog Note: Can be used in Class I Gas Environment only	702.70
NX-1300-ISCDBK	UHF (450-520MHz), 5W, 64 CH, Basic Model, DMR/Analog Note: Can be used in Class I Gas Environment only	602.00
NX-1300-ISCDBK2	UHF (450-520MHz), 5W, 260 CH, LCD & Standard Keypad, DMR/Analog Note: Can be used in Class I Gas Environment only	702.70
NX-1300-ISCDBK4	UHF (400-470MHz), 5W, 64 CH, Basic Model, DMR/Analog Note: Can be used in Class I Gas Environment only	602.00
NX-1300-ISCDBK5	UHF (400-470MHz), 5W, 260 CH, LCD & Standard Keypad, DMR/Analog Note: Can be used in Class I Gas Environment only	702.70

ANTENNAS

DEALER

LIST

KRA-26M	VHF helical antenna 146-162 MHz	22.00
KRA-26M2	VHF helical antenna 162-174 MHz	22.00
KRA-26M3	VHF helical antenna 136-150 MHz	22.00
KRA-27M	UHF whip antenna 440-490 MHz	22.00
KRA-27M2	UHF whip antenna 470-520 MHz	22.00
KRA-27M3	UHF whip antenna 400-450 MHz	22.00
KRA-41M	VHF stubby antenna 148-162 MHz	18.30
KRA-41M2	VHF stubby antenna 162-174 MHz	18.30
KRA-41M3	VHF stubby antenna 136-150 MHz	18.30
KRA-42M	UHF stubby antenna 440-490 MHz	18.30
KRA-42M2	UHF stubby antenna 470-520 MHz	18.30
KRA-42M3	UHF stubby antenna 403-430 MHz	18.30
KRA-22M	VHF low profile antenna 148-162 MHz	22.00
KRA-22M2	VHF low profile antenna 162-174 MHz	22.00
KRA-22M3	VHF low profile antenna 136-150 MHz	22.00
KRA-23M	UHF low profile antenna 450-490 MHz	22.00
KRA-23M2	UHF low profile antenna 470-520 MHz	22.00
KRA-23M3	UHF low profile antenna 403-430 MHz	22.00

BATTERIES AND CHARGERS

LIST

KNB-45L	2000 mAh, Li-ion battery - requires KSC-35K/SK charger	87.20
KNB-69L	2550 mAh, Li-ion battery - requires KSC-35K/SK charger	105.00
KNB-82LCM	CSA US Intrinsically Safe Battery Li-ion 1900mAh, battery only [Intrinsically Safe Option]	154.00
KNB-29N	1500 mAh, NiMH battery - requires KSC-43K charger	49.30
KSC-35SK	110~220 volt Fast rate single unit charger for KNB-45L/69L	42.20
KSC-43K	110~220 volt Fast rate single unit charger for KNB-29N/45L/69L	49.20
KMB-28AK	Six Unit Charger Adapter for the KSC-35SK chargers (chargers not included) Note: A supplied in-line AC-DC switching power supply with six DC plugs supply installed KSC-xx charger bases. This unit is lower profile and less weight than similar Kenwood six unit charger adapters.	280.00
KVC-22	110~220 volt Fast rate DC vehicular charger adapter for KSC-35SK charger (charger not included)	49.20



NX-1200DV/1300DU

VHF/UHF DMR & FM Analog Portable Radios

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CARRYING ACCESSORIES

		LIST
KBH-10	Spring action belt clip	11.00
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-187	Nylon case for NX-1200/1300 srs	19.70

MICROPHONES & AUDIO ACCESSORIES

		LIST
KMC-45D	MIL-SPEC, IP54/55 Speaker microphone (Built-in 2.5mm miniature earphone jack) Note: KMC-45 (Non D version) is not compatible with DMR (TDMA) operation. [Intrinsically Safe Option]	115.30
KMC-21A	Compact speaker microphone [Intrinsically Safe Option]	69.00
KEP-2	2.5mm earphone kit for KMC-17/45 Speaker Mic [Intrinsically Safe Option]	74.50
KHS-7C	Single muff headset w/boom mic no PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	85.70
KHS-7AC	Lt. Wt Single muff headset w/boom mic & in-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	110.00
KHS-8BL	Two-Wire palm mic w/earphone (black) [Intrinsically Safe Option]	146.70
KHS-9BL	Three-Wire lapel mic w/earphone (black) Note: Available for Analog and NXDN (FDMA) only. NOT compatible with DMR (TDMA) operations.	237.00
KHS-10DC-BH	Hvy-duty Behind-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	504.20
KHS-10DC-OH	Hvy-duty Over-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB [Intrinsically Safe Option]	538.50
KHS-22A	Behind-the-Head Headset with flexible boom mic and in-line PTT single ear receiver (low profile wire head band) [Intrinsically Safe Option]	75.80
KHS-26	Clip Mic w/earphone [Intrinsically Safe Option]	40.00
KHS-27A	D-Ring Ear Hanger w/PTT & Mic	35.00
KHS-31C	C-Ring Ear Hanger w/PTT & Mic	42.70

SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- **FPU & Software Applications:** Software License Key Request Form
- **Radio Feature Licenses:** Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features		LIST
KWD-1201CD	License Key for NXDN Conventional Conversion	49.50
KWD-1202TDK	License Key for NXDN Type-D Trunking Note: Requires KWD-1201CD (NXDN Conventional) enabled before applying NXDN Type-D Trunking license.	12.00
KWD-1500EE	License key for DMR ARC4 Enhanced Encryption Note: ARC4 Enhanced Encryption is available only in DMR mode.	39.70
KWD-1501RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	39.70



NX-1200DV/1300DU

VHF/UHF DMR & FM Analog Portable Radios

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SERVICE RELATED ACCESSORIES

		LIST
KPG-D6NK	License Key for KPG-D6NK	122.80
	Programming Software for NX-1000 series portable/mobile	
	<u>Note:</u> Requires KPT-300LMC for authentication	
KPG-22UM	USB Programming interface cable	212.30
E30-3410-05	2 pin Clone Cable	107.00

Contact Kenwood Parts for price and availability for listed parts

D32-0456-03	Channel stopper for NX-1000 series Basic(No Display) model	-
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INSTALLATION / TUNING CHARGES

		LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio)	129.70
	<u>Note:</u> Must purchase Radio Feature Licenses separately.	
	<u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>	
L-5075	NX-1000 Series Portables Programming (with basic TX/RX check)	40.50
	Must submit <u>NX-x000 Series Programming Order Form</u> upon placing order for any programming services.	



NX-1200DV/1300DU (K3/K6)

VHF/UHF DMR & FM Analog Portable Radios

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NX-1000 series full keypad portables include:

- Li-ion Battery (KNB-84LA)
- Fast Charger (KSC-35SK)
- Antenna [KRA-26M(VHF)/27M(UHF)]
- Belt Clip (KBH-10)
- 2-PIN Connector Cap
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

Note:

1. To meet IP grades and MIL, radio must be installed with the KNB-84LA and the 2-pin connector cap.

STANDARD

■ GENERAL FEATURES

- 5 W (136-174 MHz) Models
- 5 W (400-470 MHz) Models
- 5 W (450-520 MHz) Models
- DMR & Analog Mode
- Optional NXDN Mode Conversion
- AMBE+2™ VOCODER
- 260 CH-GID / 128 Zones
- Full Keypad Models w/ LCD
- 13-seg, 8-character LCD
- 7-color LED Indicator
- KENWOOD Audio Quality
 - Audio Equalizer: Flat, High, or Low
 - Auto Gain Control: On, High, or Low
 - Noise Suppressor
 - Microphone type selection
- Multiple Scan Functions
 - Dual Priority, Single, Zone, Multi, Scan
- On/Off Volume Knob
- 16-Position Mechanical Selector
- 2 Side PF Keys
- 1W Speaker Audio
- VOX
- Emergency Call Features
 - Lone Worker
 - Max/Min Volume Setting
 - Voice Announcement
 - Front Panel Programming Mode
 - Manual Dialing
- (Analog DTMF, Digital Status Messaging and Individual Calling)
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G
- IEC 60529 - IP54/55/67 Water & Dust Intrusion

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional & Site Roaming
- DMR Auto Slot Select (DASS)
- 12.5 kHz Channels
- Digital / Analog Mixed Mode
- Call Interrupt
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- Over-the-Air Alias
- Late Entry
- ARC4 Encryption Option

■ DIGITAL – NXDN® MODE (Optional)

- NXDN® Conventional & Site Roaming
- NXDN® Type-D Trunking Option
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Digital / Analog Mixed Mode
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- NXDN® Scrambler
- NXDN® ESN Validation (for Type-D System)
- Late Entry

■ ANALOG MODE

- Conventional Zones
- FleetSync®: PTT ID, Stun/Revive, Talk back, Selcall
- MDC-1200: PTT ID, Radio Inhibit/Unihit, Radio Check, Emergency
- QT / DQT
- Two-Tone
- DTMF
- Built-in Voice Inversion Scrambler (per channel)
- Built-in Comander (per channel)

OPTIONAL FEATURES

- NXDN Conversion License (**KWD-1201CD**)
- NXDN Type-D Trunking License (**KWD-1202TDK**) *Requires KWD-1201CD enabled
- DMR ARC4 Enhanced Encryption (**KWD-1500EE**)
- Remote Control Command by Subscriber Units (**KWD-1501RC**)

Digital mode conversion & Type-D requires additional firmware loading after applying upgrade license. Please download latest firmware from MyTools website > Product > Firmware

RADIO		LIST
NX-1200DVK3	VHF (136-174MHz), 5W, 260 CH, Full Keypad Model, DMR/Analog	601.20
NX-1300DUK3	UHF (450-520MHz), 5W, 260 CH, Full Keypad Model, DMR/Analog	601.20
NX-1300DUK6	UHF (400-470MHz), 5W, 260 CH, Full Keypad Model, DMR/Analog	601.20
ANTENNAS		LIST
KRA-26M	VHF helical antenna 146-162 MHz	22.00
KRA-26M2	VHF helical antenna 162-174 MHz	22.00
KRA-26M3	VHF helical antenna 136-150 MHz	22.00
KRA-27M	UHF whip antenna 440-490 MHz	22.00
KRA-27M2	UHF whip antenna 470-520 MHz	22.00
KRA-27M3	UHF whip antenna 400-450 MHz	22.00



NX-1200DV/1300DU (K3/K6)

VHF/UHF DMR & FM Analog Portable Radios

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ANTENNAS, CON'T		LIST
KRA-41M	VHF stubby antenna 148-162 MHz	18.30
KRA-41M2	VHF stubby antenna 162-174 MHz	18.30
KRA-41M3	VHF stubby antenna 136-150 MHz	18.30
KRA-42M	UHF stubby antenna 440-490 MHz	18.30
KRA-42M2	UHF stubby antenna 470-520 MHz	18.30
KRA-42M3	UHF stubby antenna 403-430 MHz	18.30
KRA-22M	VHF low profile antenna 148-162 MHz	22.00
KRA-22M2	VHF low profile antenna 162-174 MHz	22.00
KRA-22M3	VHF low profile antenna 136-150 MHz	22.00
KRA-23M	UHF low profile antenna 450-490 MHz	22.00
KRA-23M2	UHF low profile antenna 470-520 MHz	22.00
KRA-23M3	UHF low profile antenna 403-430 MHz	22.00
BATTERIES AND CHARGERS		LIST
KNB-45L	2000 mAh, Li-ion battery - requires KSC-35K/SK charger	87.20
KNB-69L	2550 mAh, Li-ion battery - requires KSC-35K/SK charger	105.00
KNB-84LA	1900 mAh, Li-ion battery (IEC 60529 - IP67) - requires KSC-35K/SK charger	98.50
KNB-29N	1500 mAh, NiMH battery - requires KSC-43K charger	49.30
KSC-35SK	110~220 volt Fast rate single unit charger for KNB-45L/69L	42.20
KSC-43K	110~220 volt Fast rate single unit charger for KNB-29N/45L/69L	49.20
KMB-28AK	Six Unit Charger Adapter for the KSC-35SK chargers (chargers not included) Note: A supplied in-line AC-DC switching power supply with six DC plugs supply installed KSC-xx charger bases. This unit is lower profile and less weight than similar Kenwood six unit charger adapters.	280.00
KVC-22	110~220 volt Fast rate DC vehicular charger adapter for KSC-35SK charger (charger not included)	49.20
CARRYING ACCESSORIES		LIST
KBH-10	Spring action belt clip	11.00
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-187	Nylon case for NX-1200/1300 srs (non-DTMF)	19.70
MICROPHONES & AUDIO ACCESSORIES		LIST
KMC-45D	MIL-SPEC, IP54/55 Speaker microphone (Built-in 2.5mm miniature earphone jack) Note: KMC-45 (Non D version) is not compatible with DMR (TDMA) operation.	115.30
KMC-21A	Compact speaker microphone	69.00
KEP-2	2.5mm earphone kit for KMC-17/45 Speaker Mic	74.50
KHS-7C	Single muff headset w/boom mic no PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	85.70
KHS-7AC	Lt. Wt Single muff headset w/boom mic & in-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	110.00
KHS-8BL	Two-Wire palm mic w/earphone (black)	146.70
KHS-9BL	Three-Wire lapel mic w/earphone (black) Note: Available for Analog and NXDN (FDMA) only. NOT compatible with DMR (TDMA) operations.	237.00
KHS-10DC-BH	Hvy-duty Behind-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB	504.20
KHS-10DC-OH	Hvy-duty Over-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB	538.50
KHS-22A	Behind-the-Head Headset with flexible boom mic and in-line PTT single ear receiver (low profile wire head band)	75.80
KHS-26	Clip Mic w/earphone	40.00



NX-1200DV/1300DU (K3/K6)

VHF/UHF DMR & FM Analog Portable Radios

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KHS-27A	D-Ring Ear Hanger w/PTT & Mic	35.00
KHS-31C	C-Ring Ear Hanger w/PTT & Mic	42.70

SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form
- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features		LIST
KWD-1201CD	License Key for NXDN Conventional Conversion	49.50
KWD-1202TDK	License Key for NXDN Type-D Trunking <u>Note:</u> Requires KWD-1201CD (NXDN Conventional) enabled before applying NXDN Type-D Trunking license.	12.00
KWD-1500EE	License key for DMR ARC4 Enhanced Encryption <u>Note:</u> ARC4 Enhanced Encryption is available only in DMR mode.	39.70
KWD-1501RC	License Key for Remote Control by Subscriber Unit <u>Note:</u> - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	39.70

SERVICE RELATED ACCESSORIES

		LIST
KPG-D6NK	License Key for KPG-D6NK Programming Software for NX-1000 series portable/mobile <u>Note:</u> Requires KPT-300LMC for authentication	122.80
KPG-22UM	USB Programming interface cable	212.30
E30-3410-05	2 pin Clone Cable	107.00
Contact Kenwood Parts for price and availability for listed parts		
D32-0456-03	Channel stopper for NX-1000 series Basic(No Display) model	-

INSTALLATION / TUNING CHARGES

		LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio) <u>Note:</u> Must purchase Radio Feature Licenses separately. KPT-300LMC's History Menu will not display the Radio Features activated by Factory.	129.70
L-5075	NX-1000 Series Portables Programming (with basic TX/RX check) Must submit <u>NX-x000 Series Programming Order Form</u> upon placing order for any programming services.	40.50

NX-1200AV/1300AU

VHF/UHF Digital Upgradeable Portable Radios

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All NX-1000 series portables include:

- Li-ion Battery (KNB-45L)
- Fast Charger (KSC-35SK)
- Antenna [KRA-26M(VHF)/27M(UHF)]
- Belt Clip (KBH-10)
- 2-PIN Connector Cap
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

STANDARD

■ GENERAL FEATURES

- 5 W (136-174 MHz) Models
- 5 W (400-470 MHz) Models
- 5 W (450-520 MHz) Models
- Analog Mode
- Optional NXDN Upgrade
- Optional DMR Upgrade
- AMBE+2™ VOCODER for optional digital modes
- 260 CH-GID / 128 Zones
- 64 CH-GID / 4 Zones (For Basic Models)
- Basic Models
- Standard Keypad Models w/ LCD
- 13-seg, 8-character LCD
- 7-color LED Indicator
- KENWOOD Audio Quality
 - Audio Equalizer: Flat, High, or Low
 - Auto Gain Control: On, High, or Low
 - Noise Suppressor
 - Microphone type selection
- Multiple Scan Functions
 - Dual Priority, Single, Zone, Multi, Scan
- On/Off Volume Knob
- 16-Position Mechanical Selector
- 2 Side PF Keys
- 1W Speaker Audio
- VOX
- Emergency Call Features
 - Lone Worker
- Max/Min Volume Setting
- Voice Announcement
- Front Panel Programming Mode
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G
- IP54/55 Water & Dust Intrusion

■ ANALOG MODE

- Conventional Zones
- FleetSync®: PTT ID, Stun/Revive, Talk back, Selcall
- MDC-1200: PTT ID, Radio Inhibit/Unihit, Radio Check, Emergency
- QT / DQT
- Two-Tone
- DTMF
- Built-in Voice Inversion Scrambler (per channel)
- Built-in Compander (per channel)

■ DIGITAL – NXDN® MODE (Optional)

- NXDN® Conventional & Site Roaming
- NXDN® Type-D Trunking Option
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Digital / Analog Mixed Mode
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- NXDN® Scrambler
- NXDN® ESN Validation (for Type-D System)
- Late Entry

■ DIGITAL – DMR MODE (Optional)

- DMR Tier 2 Conventional & Site Roaming
- DMR Auto Slot Select (DASS)
- 12.5 kHz Channels
- Digital / Analog Mixed Mode
- Call Interrupt
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- Over-the-Air Alias
- Late Entry
- ARC4 Encryption Option

OPTIONAL FEATURES

- NXDN Conventional Upgrade License (**KWD-1200CAK**)
- NXDN Type-D Trunking License (**KWD-1202TDK**) *Requires KWD-1200CAK enabled
- DMR Tier 2 Conventional Upgrade License (**KWD-1300CAK**)
- DMR ARC4 Enhanced Encryption (**KWD-1500EE**) *Only applicable after DMR conversion
- Remote Control Command by Subscriber Units (**KWD-1501RC**)

Digital mode conversion & Type-D requires additional firmware loading after applying upgrade license. Please download latest firmware from MyTools website > Product > Firmware

RADIO

		LIST
NX-1200AVBK	VHF (136-174MHz), 5W, 64 CH, Basic, Analog	373.70
NX-1200AVBK2	VHF (136-174MHz), 5W, 260 CH, LCD & Standard Keypad, Analog	463.80
NX-1300AUBK	UHF (450-520MHz), 5W, 64 CH, Basic, Analog	373.70
NX-1300AUBK2	UHF (450-520 MHz), 5W, 260 CH, LCD & Standard Keypad, Analog	463.80
NX-1300AUBK4	UHF (400-470MHz), 5W, 64 CH, Basic, Analog	373.70
NX-1300AUBK5	UHF (400-470 MHz), 5W, 260 CH, LCD & Standard Keypad, Analog	463.80

ANTENNAS

		LIST
KRA-26M	VHF helical antenna 146-162 MHz	22.00
KRA-26M2	VHF helical antenna 162-174 MHz	22.00
KRA-26M3	VHF helical antenna 136-150 MHz	22.00
KRA-27M	UHF whip antenna 440-490 MHz	22.00
KRA-27M2	UHF whip antenna 470-520 MHz	22.00

NX-1200AV/1300AU

VHF/UHF Digital Upgradeable Portable Radios

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KRA-27M3	UHF whip antenna 400-450 MHz	22.00
KRA-41M	VHF stubby antenna 148-162 MHz	18.30
KRA-41M2	VHF stubby antenna 162-174 MHz	18.30
KRA-41M3	VHF stubby antenna 136-150 MHz	18.30
KRA-42M	UHF stubby antenna 440-490 MHz	18.30
KRA-42M2	UHF stubby antenna 470-520 MHz	18.30
KRA-42M3	UHF stubby antenna 403-430 MHz	18.30
KRA-22M	VHF low profile antenna 148-162 MHz	22.00
KRA-22M2	VHF low profile antenna 162-174 MHz	22.00
KRA-22M3	VHF low profile antenna 136-150 MHz	22.00
KRA-23M	UHF low profile antenna 450-490 MHz	22.00
KRA-23M2	UHF low profile antenna 470-520 MHz	22.00
KRA-23M3	UHF low profile antenna 403-430 MHz	22.00
BATTERIES AND CHARGERS		LIST
KNB-45L	2000 mAh, Li-ion battery - requires KSC-35K/SK charger	87.20
KNB-69L	2550 mAh, Li-ion battery - requires KSC-35K/SK charger	105.00
KNB-29N	1500 mAh, NiMH battery - requires KSC-43K charger	49.30
KSC-35SK	110~220 volt Fast rate single unit charger for KNB-45L/69L	42.20
KSC-43K	110~220 volt Fast rate single unit charger for KNB-29N/45L/69L	49.20
KMB-28AK	Six Unit Charger Adapter for the KSC-35SK chargers (chargers not included) Note: A supplied in-line AC-DC switching power supply with six DC plugs supply installed KSC-xx charger bases. This unit is lower profile and less weight than similar Kenwood six unit charger adapters.	280.00
KVC-22	110~220 volt Fast rate DC vehicular charger adapter for KSC-35SK charger (charger not included)	49.20
CARRYING ACCESSORIES		LIST
KBH-10	Spring action belt clip	11.00
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-187	Nylon case for NX-1200/1300 srs	19.70
MICROPHONES & AUDIO ACCESSORIES		LIST
KMC-45D	MIL-SPEC, IP54/55 Speaker microphone (Built-in 2.5mm miniature earphone jack)	115.30
KMC-21A	Compact speaker microphone	69.00
KEP-2	2.5mm earphone kit for KMC-17/45 Speaker Mic	74.50
KHS-7C	Single muff headset w/boom mic no PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	85.70
KHS-7AC	Lt. Wt Single muff headset w/boom mic & in-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	110.00
KHS-8BL	Two-Wire palm mic w/earphone (black)	146.70
KHS-9BL	Three-Wire lapel mic w/earphone (black) Note: Available for Analog and NXDN (FDMA) only. NOT compatible with DMR (TDMA) operations.	237.00
KHS-10DC-BH	Hvy-duty Behind-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB	504.20
KHS-10DC-OH	Hvy-duty Over-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB	538.50
KHS-22A	Behind-the-Head Headset with flexible boom mic and in-line PTT single ear receiver (low profile wire head band)	75.80
KHS-26	Clip Mic w/earphone	40.00
KHS-27A	D-Ring Ear Hanger w/PTT & Mic	35.00
KHS-31C	C-Ring Ear Hanger w/PTT & Mic	42.70

NX-1200AV/1300AU

VHF/UHF Digital Upgradeable Portable Radios

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SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form

- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features		LIST
KWD-1200CAK	License Key for NXDN Conventional Upgrade	49.50
KWD-1202TDK	License Key for NXDN Type-D Trunking Note: Requires KWD-1200CAK (NXDN Conventional) enabled before applying NXDN Type-D Trunking license.	12.00
KWD-1300CAK	License Key for DMR Tier2 Conventional Upgrade	49.50
KWD-1500EE	License key for DMR ARC4 Enhanced Encryption Note: ARC4 Enhanced Encryption is available only in DMR mode.	39.70
KWD-1501RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	39.70

SERVICE RELATED ACCESSORIES		LIST
KPG-D6NK	License Key for KPG-D6NK Programming Software for NX-1000 series portable/mobile Note: Requires KPT-300LMC for authentication	122.80
KPG-22UM	USB Programming interface cable	212.30
E30-3410-05	2 pin Clone Cable	107.00
<i>Contact Kenwood Parts for price and availability for listed parts</i>		
D32-0456-03	Channel stopper for NX-1000 series Basic(No Display) model	-

INSTALLATION / TUNING CHARGES		LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. <u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>	129.70
L-5075	NX-1000 Series Portables Programming (with basic TX/RX check) Must submit NX-x000 Series Programming Order Form upon placing order for any programming services.	40.50

NX-1202AV/1302AU

VHF/UHF Digital Upgradeable Portable Radios

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All NX-1000 series portables include:

- Li-ion Battery (KNB-45L)
- Fast Charger (KSC-35SK)
- Antenna [KRA-26M(VHF)/27M(UHF)]
- Belt Clip (KBH-10)
- 2-PIN Connector Cap
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

STANDARD

■ GENERAL FEATURES

- 2 W (136-174 MHz) Models
- 2 W (450-520 MHz) Models
- Analog Mode
- Optional NXDN Upgrade
- Optional DMR Upgrade
- AMBE+2™ VOCODER for optional digital modes
- 64 CH-GID / 4 Zones
- Basic Models
- 7-color LED Indicator
- KENWOOD Audio Quality
 - Audio Equalizer: Flat, High, or Low
 - Auto Gain Control: On, High, or Low
 - Noise Suppressor
 - Microphone type selection
- Multiple Scan Functions
 - Dual Priority, Single, Zone, Multi, Scan
- On/Off Volume Knob
- 16-Position Mechanical Selector
- 2 Side PF Keys
- 1W Speaker Audio
- VOX
- Emergency Call Features
- Lone Worker
- Max/Min Volume Setting
- Voice Announcement
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G
- IP54/55 Water & Dust Intrusion

■ ANALOG MODE

- Conventional Zones
- FleetSync®: PTT ID, Stun/Revive, Talk back, Selcall
- MDC-1200: PTT ID, Radio Inhibit/Unihit, Radio Check, Emergency
- QT / DQT
- Two-Tone
- DTMF
- Built-in Voice Inversion Scrambler (per channel)
- Built-in Compander (per channel)

■ DIGITAL – NXDN® MODE (Optional)

- NXDN® Conventional & Site Roaming
- NXDN® Type-D Trunking Option
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Digital / Analog Mixed Mode
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- NXDN® Scrambler
- NXDN® ESN Validation (for Type-D System)
- Late Entry

■ DIGITAL – DMR MODE (Optional)

- DMR Tier 2 Conventional & Site Roaming
- DMR Auto Slot Select (DASS)
- 12.5 kHz Channels
- Digital / Analog Mixed Mode
- Call Interrupt
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check, & Control
- Over-the-Air Alias (TX only / No display)
- Late Entry
- ARC4 Encryption Option

OPTIONAL FEATURES

Note:

- To meet IP grades and MIL, the 2-pin connector cap or accessory must be installed.

- NXDN Conventional Upgrade License (**KWD-1200CAK**)
- NXDN Type-D Trunking License (**KWD-1202TDK**) *Requires KWD-1200CAK enabled
- DMR Tier 2 Conventional Upgrade License (**KWD-1300CAK**)
- DMR ARC4 Enhanced Encryption (**KWD-1500EE**) *Only applicable after DMR conversion
- Remote Control Command by Subscriber Units (**KWD-1501RC**)

Digital mode conversion & Type-D requires additional firmware loading after applying upgrade license. Please download latest firmware from MyTools website > Product > Firmware

RADIO		LIST
NX-1202AVBK	VHF (136-174MHz), 2W, 64 CH, Basic Model, Analog	337.20
NX-1302AUBK	UHF (450-520MHz), 2W, 64 CH, Basic Model, Analog	337.20
ANTENNAS		LIST
KRA-26M	VHF helical antenna 146-162 MHz	22.00
KRA-26M2	VHF helical antenna 162-174 MHz	22.00
KRA-26M3	VHF helical antenna 136-150 MHz	22.00
KRA-27M	UHF whip antenna 440-490 MHz	22.00
KRA-27M2	UHF whip antenna 470-520 MHz	22.00
KRA-41M	VHF stubby antenna 148-162 MHz	18.30
KRA-41M2	VHF stubby antenna 162-174 MHz	18.30
KRA-41M3	VHF stubby antenna 136-150 MHz	18.30
KRA-42M	UHF stubby antenna 440-490 MHz	18.30

NX-1202AV/1302AU

VHF/UHF Digital Upgradeable Portable Radios

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KRA-42M2	UHF stubby antenna 470-520 MHz	18.30
KRA-22M	VHF low profile antenna 148-162 MHz	22.00
KRA-22M2	VHF low profile antenna 162-174 MHz	22.00
KRA-22M3	VHF low profile antenna 136-150 MHz	22.00
KRA-23M	UHF low profile antenna 450-490 MHz	22.00
KRA-23M2	UHF low profile antenna 470-520 MHz	22.00
BATTERIES AND CHARGERS		LIST
KNB-45L	2000 mAh, Li-ion battery - requires KSC-35K/SK charger	87.20
KNB-69L	2550 mAh, Li-ion battery - requires KSC-35K/SK charger	105.00
KNB-29N	1500 mAh, NiMH battery - requires KSC-43K charger	49.30
KSC-35SK	110~220 volt Fast rate single unit charger for KNB-45L/69L	42.20
KSC-43K	110~220 volt Fast rate single unit charger for KNB-29N/45L/69L	49.20
KMB-28AK	Six Unit Charger Adapter for the KSC-35SK chargers (chargers not included) Note: A supplied in-line AC-DC switching power supply with six DC plugs supply installed KSC-xx charger bases. This unit is lower profile and less weight than similar Kenwood six unit charger adapters.	280.00
KVC-22	110~220 volt Fast rate DC vehicular charger adapter for KSC-35SK charger (charger not included)	49.20
CARRYING ACCESSORIES		LIST
KBH-10	Spring action belt clip	11.00
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	35.20
KLH-187	Nylon case for NX-1200/1300 srs	19.70
MICROPHONES & AUDIO ACCESSORIES		LIST
KMC-45D	MIL-SPEC, IP54/55 Speaker microphone (Built-in 2.5mm miniature earphone jack)	115.30
KMC-21A	Compact speaker microphone	69.00
KEP-2	2.5mm earphone kit for KMC-17/45 Speaker Mic	74.50
KHS-7C	Single muff headset w/boom mic no PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	85.70
KHS-7AC	Lt. Wt Single muff headset w/boom mic & in-line PTT Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	110.00
KHS-8BL	Two-Wire palm mic w/earphone (black)	146.70
KHS-9BL	Three-Wire lapel mic w/earphone (black) Note: Available for Analog and NXDN (FDMA) only. NOT compatible with DMR (TDMA) operations.	237.00
KHS-10DC-BH	Hvy-duty Behind-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB	504.20
KHS-10DC-OH	Hvy-duty Over-the-head Headset W/boom Mic Earcup-mounted PTT with NRR of 24dB	538.50
KHS-22A	Behind-the-Head Headset with flexible boom mic and in-line PTT single ear receiver (low profile wire head band)	75.80
KHS-26	Clip Mic w/earphone	40.00
KHS-27A	D-Ring Ear Hanger w/PTT & Mic	35.00
KHS-31C	C-Ring Ear Hanger w/PTT & Mic	42.70

NX-1202AV/1302AU

VHF/UHF Digital Upgradeable Portable Radios

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SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form

- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features		LIST
KWD-1200CAK	License Key for NXDN Conventional Upgrade	49.50
KWD-1202TDK	License Key for NXDN Type-D Trunking Note: Requires KWD-1200CAK (NXDN Conventional) enabled before applying NXDN Type-D Trunking license.	12.00
KWD-1300CAK	License Key for DMR Tier2 Conventional Upgrade	49.50
KWD-1500EE	License key for DMR ARC4 Enhanced Encryption Note: ARC4 Enhanced Encryption is available only in DMR mode.	39.70
KWD-1501RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	39.70

SERVICE RELATED ACCESSORIES		LIST
KPG-D6NK	License Key for KPG-D6NK Programming Software for NX-1000 series portable/mobile Note: Requires KPT-300LMC for authentication	122.80
KPG-22UM	USB Programming interface cable	212.30
E30-3410-05	2 pin Clone Cable	107.00
Contact Kenwood Parts for price and availability for listed parts		
D32-0456-03	Channel stopper for NX-1000 series Basic(No Display) model	-

INSTALLATION / TUNING CHARGES		LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. KPT-300LMC's History Menu will not display the Radio Features activated by Factory.	129.70
L-5075	NX-1000 Series Portables Programming (with basic TX/RX check) Must submit NX-x000 Series Programming Order Form upon placing order for any programming services.	40.50

ProTalk**PKT-300**

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UHF BRS Portable Radios**Includes:**

- Belt Clip Holster
- Drop-in charger
- Fixed Antenna
- 2,200 mAh Li-ion Battery
- Instruction Manual
- Standard Warranty: 2 Years*

* All Accessories / options: 1 Year

GENERAL FEATURES

- UHF 2.0 Watt or 500 mW Transmit Power
- Small (1.97" W x 1.06" D x 3.86" H) & Lightweight (4.87 oz)
- Li-Ion battery with up to 18 Hours Talk Time (5/5/90 duty cycle, battery saver on)
- 6 Channel Operation (factory pre-set)
- 99 User-Programmable Memory Bank Frequencies
- Channel Scan
- Wireless Cloning Mode (Not clonable with PKT-23K and TK-3230DXK)
- Key Lock/Super Lock
- User Programmable QT (45) and DQT (174) Signaling
- Selectable Power On Tone (3 options)
- 10 Call Alert Tones
- Voice Scrambler (Privacy function)
- Speaker Mute Function
- Compander
- SelCall for Caller ID (Available in future)
- LCD Battery Meter & Low Battery Alert
- VOX (Voice-activated transmit)
- Time Out Timer
- 2 Color Transmit / Busy LED/ Backlit LCD Display
- 3 Function Keys: Menu, Call, Monitor
- 2-PIN Audio Accessory Jack
- Antenna (fixed non-removable)
- Passes IP52 & 8 Rugged Mil-Spec 810 C, D, E, F, G & H Standards
- FCC License required
- 2 Year Radio Warranty

Due to spurious signal (birdie), the following frequency (and $\pm 10\text{kHz}$ ranges) are not allowed:

• 468.000MHz $\pm 10\text{kHz}$ (467.99 ~ 468.01MHz)

RADIO		LIST
PKT-300K	450-470 MHz UHF 2.0W or 500 mW, 6 Ch. Compact Portable Transceiver	229.80
BATTERY AND CHARGER		LIST
KNB-81LW	Li-Ion battery (Same as supplied with PKT-300K)	69.20
KSC-50K	Li-Ion Rapid rate charger (Same as supplied with PKT-300K)	42.30
KSC-44MLKS	AC Adapter (For cradle multi unit use, up to 6 units)	53.70
KSC-506K	Rapid rate 6-Unit Charger for KNB-81L	244.30
CARRYING ACCESSORY		LIST
KBH-23M	Belt Clip Holster (Same as supplied with PKT-300K)	18.70
KBH-21W	Belt Clip	12.50
HEADSETS, MICROPHONE AND SPEAKERS		LIST
KMC-21A	Compact speaker microphone	69.00
KMC-45D	Speaker microphone (Built-in 2.5mm miniature earphone jack)	115.30
KHS-22A	Behind-the-Head Headset with flexible boom mic and in-line PTT single ear receiver; low profile wire head band; VOX-ready	75.80
KHS-26	Clip Mic w/earphone	40.00
KHS-27A	D-Ring Ear Hanger w/PTT & Mic	35.00
KHS-31C	C-Ring Ear Hanger w/PTT & Mic	42.70
KEP-2	2.5mm earphone kit for KMC-45 Speaker Mic (Black only)	74.50
KHS-8BL	Two-Wire palm mic w/earphone (black)	146.70
KHS-9BL	Three-Wire lapel mic w/earphone (black)	237.00
KHS-7C	Single muff headset w/boom mic No PTT (black) Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	85.70
KHS-7AC	Lt. Wt Single muff headset w/boom mic & in-line PTT (black) Note: Operating & Storage temperature is -4°F to 122°F (-20°C to 50°C)	110.00

ProTalk®**PKT-300**

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UHF BRS Portable Radios

PROGRAMMING SOFTWARE/CABLE**LIST**

KPG-208DK	Windows® 10 & 11, Programming software for PKT-300	346.50
KPG-22UM	USB to 2-Pin Programming interface cable	212.30

-- NOTES --

* Please see Kenwood's ProTalk® MAP (Minimum Advertised Price) policy.



NX-5700/5800/5900

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VHF/UHF/700/800MHz Digital & FM Analog Mobile Radios



NX-5000(K-version*) Mobiles include:

- Basic Control Head (KCH-19M)
- Standard Microphone (KMC-65M)
- Mounting Bracket (KMB-33M)
- DC Cable
- Blade Fuse
- User Guide
- Premium Warranty: 3 Years

All Accessories / options: 1 Year

*BK-version comes with a RF deck only.
1. Multi Digital Protocol can be used for two(2) of the three(3) Digital Protocols set by programming software. P25/DMR Digital Protocols are options.

2. Requires L-5023 DB25 Cable between Decks.

STANDARD

GENERAL FEATURES

- 50 W (136-174 MHz) Models
- 45 W (380-470, 450-520 MHz) Models
- 35 W (700/800 MHz) Models
- 1024 CH-GID / 128 Zones
- Full Color 2.55" (154 x 422 pixels) TFT Display
- Multi-line Text Display
- Function/Status Icons
- Multi-Language Display
- Date & 12/24 Hour Time Clock
- Transmit/Busy/Call Alert/Warn LED
- Emergency/AUX Key
- 4W Speaker Audio
- DB-25 Accessory Connector
- Multi Digital Protocol ¹
- Emergency Call Features
- Built-in GPS Receiver
- Built-in Bluetooth® Module
- Built-in 56-bit DES Encryption (4 keys programmable by KPG-D1(N)K)
- Mobile Relay Station² (DMR Mode³)
- Cross Band Repeater (Only)
- Active Noise Reduction (ANR)
- KPG-D1N Windows® FPU
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G
- IP54/55

DIGITAL – P25 MODE

- P25 Conventional Option
- P25 Phase 1 Trunking Option
- P25 Phase 2 Trunking Option
- Conv/Trunking OTAR Option
- Conventional Voting Scan Option
- Packet Data Option for P25 OTAR, GPS & OTAP
- Text Data
- Radio Authentication
- Tone Paging

DIGITAL – NXDN® MODE

- NXDN® Conventional
- NXDN® TYPE-C (Gen1/Gen2) Trunking (except 700MHz)
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming (requires KPG-180AP OTAP Manager Software)
- Paging Call
- Emergency Call
- All Group Call
- Digital Two-Tone
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN® Scrambler

DIGITAL – DMR MODE

- DMR Tier 2 Conventional Option
- DMR Tier 3 Trunking Option
- DMR Auto Slot Select (DASS)
- AMBE+2™ VOCODER
- 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Call Interrupt (Direct & Repeater Mode)
- Paging Call
- Emergency Call
- All Group Call
- Late Entry
- Status Messaging
- Remote Control by Subscriber Units
- ARC4 Encryption Optional
- Site Roaming

ANALOG MODE

- Conventional Zones
- LTR® Zones
- FleetSync®/II: PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- MDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF
- Built-in Voice Inversion Scrambler

Multi-Deck Compatible Models & Modes

Models	Bands	Power	Operable Modes
NX-5600H	Lowband VHF (39-50)	110 Watts	Analog/NXDN
NX-5700	VHF (136-174)	50 Watts	Analog/NXDN/DMR/P25
NX-5700H	VHF (136-174)	110 Watts	Analog/NXDN/P25
NX-5800H	UHF (380-470, 450-520)	100 Watts	Analog/NXDN/P25
NX-5800	UHF (380-470, 450-520)	50 Watts	Analog/NXDN/DMR/P25
NX-5900	7/800	35 Watts	Analog/NXDN/DMR/P25

OPTIONAL FEATURES & CONFIGURATIONS

GENERAL FEATURES

- 4000 Channel (KWD-5000CH)
- Front Panel Programming (KWD-5001FP)
- microSD/microSDHC Memory Card Slot (KWD-5002SD)
- Built-in Bluetooth® Module for Data (KWD-5003BT)
- Remote Control by Subscriber Units (KWD-5007RC)
- 256-bit AES Encryption (KWD-AE30K/31K Encryption Module required)

DIGITAL – P25 MODE

- Conventional Features (KWD-5100CV)
- Phase 1 Trunking Features (KWD-5100CV & 5101TR)
- Phase 2 Trunking Features (KWD-5100CV & 5101TR & 5102TR)
- Conventional OTAR (KWD-5103RK)
- Trunking OTAR (KWD-5103RK & 5106DT)
- Conventional Voting Scan (KWD-5105VT)
- Packet Data required for Trunked OTAR/GPS/OTAP (KWD-5106DT)
- P25 ARC4 Encryption (KWD-5107EE)
- Link Layer Authentication (KWD-5100CV & KWD-5101TR & KWD-AE3x Encryption Board Required)

DIGITAL – DMR MODE

- DMR Tier 2 Conventional Features (KWD-5300CV)
- DMR Tier 3 Trunking Features (KWD-5300CV & KWD-5301TR)

MOUNTING & REMOTE CONFIGURATIONS (See NX-5000 Accessory page for details)

- KCH-20R Featured Control Head
- KCH-21R Handheld Control Head
- Single Remote Control Head (KRK Kit & KCT-71 or KCT-77 Cable required)
- Dual Remote Control Heads (KCH-19/20R/21R & KRK Kit & KCT-71 or KCT-77 Cables required)
- Multiple RF Decks (KRK Kit & KCT-71 or KCT-77 Control Cable + KWD-5004MR License Key Activation required*)



 NX-5700/5800/5900 VHF/UHF/700/800MHz Digital & FM Analog Mobile Radios Table of Contents		
RADIO		LIST
NX-5700K	VHF (136-174MHz), 50 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1300.50
NX-5800K	UHF (450-520MHz), 45 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1300.50
NX-5800K2	UHF (380-470MHz), 45 Watts NXDN Conventional / TYPE-C (Gen1/Gen2) Trunking	1300.50
NX-5900K	700 / 800 MHz, 30/35 Watts NXDN Conventional / 800MHz TYPE-C (Gen1/Gen2) Trunking	1658.00
RF Deck Only		LIST
MUST purchase necessary accessories separately		
NX-5700BK	VHF (50W, 136-174 MHz) RF Deck Only	956.00
NX-5800BK	UHF (45W, 450-520 MHz) RF Deck Only	956.00
NX-5800BK2	UHF (45W, 380-470 MHz) RF Deck Only	956.00
NX-5900BK	35W, 700/800 MHz RF Deck Only	1313.70
SOFTWARE LICENSING & RADIO FEATURE OPTIONS		
IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.		
Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.		
License Keys will be E-mailed to the address provided on the order form.		
Form is available on MyTools website > Product > Forms		
- FPU & Software Applications: Software License Key Request Form		
- Radio Feature Licenses: Radio Feature License Keys Request Form		
<i>Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.</i>		
General Radio Features		LIST
KWD-5000CH	License Key for 4000 Channel Expansion	499.00
KWD-5001FP	License Key for Front Panel Programming	356.30
KWD-5002SD	License Key for microSD Memory Card Slot Activation	124.70
KWD-5003BT	License Key for Bluetooth Data (Required for Data Communication) Note: Voice Communication for Bluetooth Head Set does NOT require KWD-5003BT. You can pair with any Bluetooth audio device without this option.	41.70
KWD-5004MR	License Key for Multiple RF Decks Receiver Note: Required ONLY for the radios with S/N: B5900000 or earlier.	N/C
KWD-5007RC	License Key for Remote Control by Subscriber Units Note: - P25 Mode is NOT available. - This license may be used by Administrator due to Stun/Revive/Kill. - The license is required for only Transmitting of Remote Control. - PC command for Remote Control does NOT require the license.	47.50
P25 Radio Features		LIST
KWD-5100CV	License Key for P25 Conventional	683.20
KWD-5101TR	License Key for P25 Phase 1 Trunking (requires KWD-5100CV) Note: Required for Link Layer Authentication	617.80
KWD-5102TR	License Key for P25 Phase 2 Trunking (requires KWD-5100CV & KWD-5101TR)	475.20
KWD-5103RK	License Key for P25 OTAR (requires KWD-5106DT for a Trunking Operation)	831.70
KWD-5105VT	License Key for P25 Conventional Voting Scan	142.70
KWD-5106DT	License Key for P25 Trunking OTAR / GPS / OTAP Note: Conventional (OTAR/GPS/OTAP) does NOT require KWD-5106DT.	213.80
KWD-5107EE	License Key for P25 ARC4 Enhanced Encryption	NC
DMR Features		LIST
KWD-5300CV	License Key for DMR Tier 2 Conventional	71.30
KWD-5301TR	License Key for DMR Tier 3 Trunking (requires KWD-5300CV)	158.30
KWD-5500EE	License Key for DMR ARC4 Enhanced Encryption	47.50
Other Accessories, Software, and Services		
Refer to NX-5000 series mobile accessory pages		

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NX-5700H/5800H

VHF/UHF Digital & FM Analog Mobile Radio

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**NX-5000HBF Mobiles include:**

- High Power Radio
- User Guide
- Premium Warranty: 3 Years

All Accessories / options: 1 Year

STANDARD**■ GENERAL FEATURES**

- 110 W (136 -174 MHz) Model
- 100 W (380 - 450, 450 - 520 MHz) Model
- 1024 CH-GID / 128 Zones
- Multi-Digital Operation in NXDN/P25
- Support NX-5000 Remote Control Head Options
- Multi-RF Deck Configuration Available (Lowband, VHF, 380-470, 450-520, 7&800)
- Built-in Micro USB A-B Interface
- Horn Alert / Public Address
- Built-in GPS Receiver
- Built-in Bluetooth® Module
- Built-in 56-bit DES Encryption (4 keys programmable by KPG-D1N)
- Optional 256-bit AES Encryption
- 12 Watt Audio Output
- DB-25 & Molex 9-pin Accessory Connector
- Active Noise Reduction (ANR)
- KPG-D1N Windows® FPU
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G

■ DIGITAL – P25 MODE

- P25 Conventional
- P25 Phase 1 Trunking Option
- P25 Phase 2 Trunking Option
- Conv/Trunking OTAR Option
- Packet Data Option for P25 OTAR, GPS & OTAP
- Conventional Voting Scan Option
- Text Data
- Radio Authentication
- Tone Paging
- ARC4 Encryption Option

■ DIGITAL – NXDN® MODE

- NXDN® Conventional
- NXDN® TYPE-C (Gen1/Gen2) Trunking Option
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming (requires KPG-180AP OTAP Manager Software)
- Paging Call
- Emergency Call
- All Group Call
- Digital Two-Tone
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN® Scrambler

■ ANALOG MODE

- Conventional Zones
- FleetSync®/II: PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- MDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF
- Built-in Voice Inversion Scrambler

OPTIONAL FEATURES & CONFIGURATIONS**■ GENERAL FEATURES**

- 4000 Channel (KWD-5000CH)
- Front Panel Programming (KWD-5001FP)
- microSD/microSDHC Memory Card Slot (KWD-5002SD)
- Built-in Bluetooth® Module for Data (KWD-5003BT)
- Remote Control by Subscriber Units (KWD-5007RC)
- 256-bit AES Encryption (KWD-AE30K/31K Encryption Module required)

■ DIGITAL – P25 MODE

- Conventional Features (Factory Installed)
- Phase 1 Trunking Features (KWD-5101TR)
- Phase 2 Trunking Features (KWD-5101TR & 5102TR)
- Conventional OTAR (KWD-5103RK)
- Trunking OTAR (KWD-5103RK & 5106DT)
- Conventional Voting Scan (KWD-5105VT)
- Packet Data required for Trunked OTAR/GPS/OTAP (KWD-5106DT)
- P25 ARC4 Encryption (KWD-5107EE)
- Link Layer Authentication (KWD-5101TR & KWD-AE3x Encryption Board Required)
- One active key per system, up to 32 systems

■ DIGITAL – NXDN MODE

- Conventional Features (Factory Installed)
- Type-C Trunking Features (KWD-5201TR)

■ Multi-Deck Compatible Models & Modes

Models	Bands	Power	Operable Modes
NX-5600H	Lowband VHF (39-50)	110 Watts	Analog/NXDN
NX-5700	VHF (136-174)	50 Watts	Analog/NXDN/DMR/P25
NX-5700H	VHF (136-174)	110 Watts	Analog/NXDN/P25
NX-5800H	UHF (380-470, 450-520)	100 Watts	Analog/NXDN/P25
NX-5800	UHF (380-470, 450-520)	50 Watts	Analog/NXDN/DMR/P25
NX-5900	7/800	35 Watts	Analog/NXDN/DMR/P25

■ MOUNTING & REMOTE CONFIGURATIONS

(See NX-5000 Accessory page for details)

- KCH-19 Basic Control Head
- KCH-20R Featured Control Head
- KCH-21R Handheld Control Head
- Single Remote Control Head (KRK Kit & KCT-71 or KCT-77 Cable required)
- Dual Remote Control Heads (KCH-19/20R/21R & KRK Kit & KCT-71 or KCT-77 Cables required)
- Multiple RF Decks (KRK Kit & KCT-71 or KCT-77 Control Cable)



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NX-5700H/5800H

VHF/UHF Digital & FM Analog Mobile Radio

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RF Deck Only**LIST***MUST purchase necessary accessories separately*

NX-5700HBF	NX-5700HBF (110W, 136-174 MHz) RF Deck Only, NXDN Conv & P25 Conv (Remote Control Head, Microphone, Bracket, DC Cable not included)	2678.80
NX-5800HBF	NX-5800HBF (100W, 450-520 MHz) RF Deck Only, NXDN Conv & P25 Conv (Remote Control Head, Microphone, Bracket, DC Cable not included)	2678.80
NX-5800HBF2	NX-5800HBF2 (100W, 380-470 MHz) RF Deck Only, NXDN Conv & P25 Conv (Remote Control Head, Microphone, Bracket, DC Cable not included)	2678.80

SOFTWARE LICENSING & RADIO FEATURE OPTIONS**IMPORTANT:** NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

General Radio Features**LIST**

KWD-5000CH	License Key for 4000 Channel Expansion	499.00
KWD-5001FP	License Key for Front Panel Programming	356.30
KWD-5002SD	License Key for microSD Memory Card Slot Activation	124.70
KWD-5003BT	License Key for Bluetooth Data (Required for Data Communication) <u>Note:</u> Voice Communication for Bluetooth Head Set does NOT require KWD-5003BT. You can pair with any Bluetooth audio device without this option.	41.70
KWD-5007RC	License Key for Remote Control by Subscriber Units <u>Note:</u> - P25 Mode is <u>NOT</u> available. - This license may be used by Administrator due to Stun/Revive/Kill. - The license is required for only Transmitting of Remote Control. - PC command for Remote Control does <u>NOT</u> require the license.	47.50

P25 Radio Features**LIST**

KWD-5101TR	License Key for P25 Phase 1 Trunking <u>Note:</u> Required for Link Layer Authentication	617.80
KWD-5102TR	License Key for P25 Phase 2 Trunking (requires KWD-5101TR)	475.20
KWD-5103RK	License Key for P25 OTAR (requires KWD-5106DT for a Trunking Operation)	831.70
KWD-5105VT	License Key for P25 Conventional Voting Scan	142.70
KWD-5106DT	License Key for P25 Trunking OTAR / GPS / OTAP <u>Note:</u> Conventional (OTAR/GPS/OTAP) DO NOT require KWD-5106DT.	213.80
KWD-5107EE	License Key for P25 ARC4 Enhanced Encryption	NC

NXDN Radio Features**LIST**

KWD-5201TR	License Key for NXDN Type-C Trunking	83.20
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Other Accessories, Software, and Services

Refer to NX-5000 series mobile accessory pages

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NX-5600H

Lowband Digital & FM Analog Mobile Radio

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NX-5000HBF Mobiles include:

- High Power Radio
- User Guide
- Premium Warranty: 3 Years

All Accessories / options: 1 Year

STANDARD

■ GENERAL FEATURES

- 110 W (39-50 MHz) Model
- 1024 CH-GID / 128 Zones
- Analog / NXDN Digital Operation
- Support NX-5000 Remote Control Head Options
- Multi-RF Deck Configuration Available (Lowband, VHF, 380-470, 450-520, 7&800)
- Built-in Micro USB A-B Interface
- Horn Alert / Public Address
- Built-in GPS Receiver
- Built-in Bluetooth® Module
- Built-in 56-bit DES Encryption (4 keys programmable by KPG-D1N)
- Optional 256-bit AES Encryption
- 12 Watt Audio Output
- DB-25 & Molex 9-pin Accessory Connector
- Active Noise Reduction (ANR)
- KPG-D1N Windows® FPU
- Flash Firmware Upgrading
- MIL-STD-810 C/D/E/F/G
- IP54/55

■ ANALOG MODE

- Conventional Zones
- FleetSync® III; PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- MDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF
- Built-in Voice Inversion Scrambler
- Noise Blanker

■ DIGITAL – NXDN® MODE

- NXDN® Conventional
- AMBE+2™ VOCODER
- 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming (requires KPG-180AP OTAP Manager Software)
- Paging Call
- Emergency Call
- All Group Call
- Digital Two-Tone
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN® Scrambler

OPTIONAL FEATURES & CONFIGURATIONS

■ GENERAL FEATURES

- 4000 Channel (KWD-5000CH)
- Front Panel Programming (KWD-5001FP)
- microSD/microSDHC Memory Card Slot (KWD-5002SD)
- Built-in Bluetooth® Module for Data (KWD-5003BT)
- Remote Control by Subscriber Units (KWD-5007RC)
- 256-bit AES Encryption (KWD-AE30K/31K Encryption Module required)

■ DIGITAL – NXDN MODE

- Conventional Features (Factory Installed)

■ Multi-Deck Compatible Models & Modes

Models	Bands	Power	Operable Modes
NX-5600H	Lowband VHF (39-50)	110 Watts	Analog/NXDN
NX-5700	VHF (136-174)	50 Watts	Analog/NXDN/DMR/P25
NX-5700H	VHF (136-174)	110 Watts	Analog/NXDN/P25
NX-5800H	UHF (380-470, 450-520)	100 Watts	Analog/NXDN/P25
NX-5800	UHF (380-470, 450-520)	50 Watts	Analog/NXDN/DMR/P25
NX-5900	7/800	35 Watts	Analog/NXDN/DMR/P25

■ MOUNTING & REMOTE CONFIGURATIONS

(See NX-5000 Accessory page for details)

- KCH-19 Basic Control Head
- KCH-20R Featured Control Head
- KCH-21R Handheld Control Head
- Single Remote Control Head (KRK Kit & KCT-71 or KCT-77 Cable required)
- Dual Remote Control Heads (KCH-19/20R/21R & KRK Kit & KCT-71 or KCT-77 Cables required)
- Multiple RF Decks (KRK Kit & KCT-71 or KCT-77 Control Cable)



RF Deck Only

MUST purchase necessary accessories separately

LIST

NX-5600HBF3	NX-5600HBF3 (110W, 39-50 MHz) RF Deck Only, Analog & NXDN Conv (Remote Control Head, Microphone, Bracket, DC Cable not included)	2319.20
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NX-5600H

Lowband Digital & FM Analog Mobile Radio

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SOFTWARE LICENSING & RADIO FEATURE OPTIONS**IMPORTANT:** NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form
- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

General Radio Features		LIST
KWD-5000CH	License Key for 4000 Channel Expansion	499.00
KWD-5001FP	License Key for Front Panel Programming	356.30
KWD-5002SD	License Key for microSD Memory Card Slot Activation	124.70
KWD-5003BT	License Key for Bluetooth Data (Required for Data Communication) <u>Note:</u> Voice Communication for Bluetooth Head Set does NOT require KWD-5003BT. You can pair with any Bluetooth audio device without this option.	41.70
KWD-5007RC	License Key for Remote Control by Subscriber Units <u>Note:</u> - P25 Mode is <u>NOT</u> available. - This license may be used by Administrator due to Stun/Revive/Kill. - The license is required for only Transmitting of Remote Control. - PC command for Remote Control does <u>NOT</u> require the license.	47.50

Other Accessories, Software, and Services

Refer to NX-5000 series mobile accessory pages



NX-5000 Series Mobile Accessories

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MICROPHONES AND SPEAKERS		LIST
KMC-65M	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)	69.80
KMC-66M	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	126.70
KES-8K	External speaker, 10W, 4-Ohm, 3.5mm phone plug	65.30
KES-5A	External speaker, 40W max input Note: Requires KCT-72M to connect to Remote Control Head	80.30
KCT-72M	External Accessory Connection Cable for KCH-19M / KCH-20RM	49.20
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug) Note: NOT compatible with TDMA operations	115.30
KMC-59C	Control Station Desktop Microphone (8-pin mod. plug)	255.50
DC POWER CABLES		LIST
KCT-23M	DC Cable, 35-50W, 10 feet Note: For mid power mobiles (NX-5700/5700B/5800/5800B/5900/5900B) only.	52.50
KCT-23M3	DC Cable, 35-50W, 23 feet Note: For mid power mobiles (NX-5700/5700B/5800/5800B/5900/5900B) only.	72.20
KCT-23M2	DC Cable, 75-110W, 10 feet Note: For high power mobiles (NX-5600HB/5700HB) only.	52.50
KCT-23M4	DC Cable, 75/110W, 23 feet Note: For high power mobiles (NX-5600HB/5700HB) only.	72.20
MOUNTING BRACKETS		LIST
KMB-33M	Mounting Bracket Note: For mid power mobiles (NX-5700/5700B/5800/5800B/5900/5900B) only.	18.80
KMB-36	Mounting Bracket Note: For high power mobiles (NX-5600HB/5700HB) only.	100.80
CONTROL HEADS		LIST
KCH-19M	Basic Control Panel	240.50
KRK-14HM	Control Head Interface Kit for KCH-19M	212.30
	Full Featured Remote Control Panel Note:	
KCH-20RM	- Remote configuration only. No Internal Speaker included. KES-5A is required. - microSD License (KWD-5002SD) and Bluetooth SPP License (KWD-5003BT) are NOT required for both KCH-20RM and connected RF Decks. KCH-20RM and connected RF Decks can be used of microSD and Bluetooth SPP with NQ License Activation.	802.70
	Hand Held Control Head for Long Cable *Requires KCT-77M2 (17 ft.) Note:	
KCH-21RM	- Bluetooth SPP License (KWD-5003BT) is NOT required for both KCH-21RM and connected RF Decks. KCH-21RM has built-in Bluetooth SPP license that will also activate the connected RF Decks.	1332.20
	Hand Held Control Head with Short Cable (4 ft.) Note:	
KCH-21RM-S	- Bluetooth SPP License (KWD-5003BT) is NOT required for both KCH-21RM and connected RF Decks. KCH-21RM has built-in Bluetooth SPP license that will also activate the connected RF Decks.	1332.20
CONTROL HEAD REMOTE KIT (for Mid Power Mobiles)		LIST
KRK-15BM	Control Head Remote Kit Note: For mid power mobiles (NX-5700/5700B/5800/5800B/5900/5900B) only.	67.00
REMOTE & MULTI RF DECK CABLES		LIST
KCT-71M2	Remote Control Cable (17 feet)	94.00
KCT-71M3	Remote Control Cable (25 feet)	107.00
KCT-71M4	Remote Control Cable (1.6 feet)	60.20
KCT-71A50	KCT-71A Extended Control Head Cable (up to 50 ft. max.) Note: Please specify exact length at 1ft. increments when ordering. Caution: Extended control head cables exhibit a loss in speaker audio power to the control heads.	249.50
KCT-71A100	KCT-71A Extended Control Head Cable (up to 100 ft. max.) Note: Please specify exact length at 1ft. increments when ordering. Caution: Extended control head cables exhibit a loss in speaker audio power to the control heads.	321.50
KCT-77M2	Remote Control Cable for KCH-21RM (17 feet)	245.20



NX-5000 Series Mobile Accessories

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OTHER ACCESSORIES

KCT-46	Ignition sense cable Note: For mid power mobiles (NX-5700/5700B/5800/5800B/5900/5900B) only.	18.30
KCT-18	Ignition sense cable Note: For high power mobiles (NX-5600HB/5700HB) only.	26.30
KAP-2	Horn Alert/P.A. Relay Option Note: For mid power mobiles (NX-5700/5700B/5800/5800B/5900/5900B) only.	84.30
KCT-72M	External Accessory Connection Cable for KCH-19M / KCH-20RM	49.20
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	56.30
KMB-10	Key lock adapter Note: For mid power mobiles (NX-5700/5700B/5800/5800B/5900/5900B) only.	35.20
KRA-40GM	GPS Antenna	56.00
KCT-90USB	USB Mobile Cable for SD Card Direct Access Support Note: microSD function requires KWD-5002SD license.	124.70
KCT-91MRS	DB25 Cable for Mobile Relay Station (Conventional Only) Note: - Mobile Relay Station requires Multi RF Deck Configuration. - Built-in GPS and Bluetooth are not available with Mobile Relay Station. - DMR mode is not available	46.00
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	232.00
KMB-34	Control Station Mounting Case for KPS-15 Power Supply with mobile Note: For mid power mobiles (NX-5700/5700B/5800/5800B/5900/5900B) only.	72.20

RADIO FEATURE LICENSE OPTIONS

Refer to model page for available Radio Feature Licenses.

Radio & Feature compatibility may differ per model.

ENCRYPTION MODULES

LIST

KWD-AE30K	AES FIPS140-2 Level 1 & DES Encryption Module (Multi-Key) Order a Labor Code L-5007 if installation is required. KWD-AE30K requires: a Motorola KVL3000 Plus/4000 key loader device. KWD-AE30K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1). Note: Required for Link Layer Authentication	1137.30
KWD-AE31K	AES & DES Encryption Module (Multi-Key) Order a Labor Code L-5008 if installation is required. Note: Requires KPG-AE1/DE1 software key loader or Motorola KVL3000 Plus/4000 key loader device. KWD-AE31K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) Note: Required for Link Layer Authentication	737.20
KPG-AE1K	AES/DES Encryption Software Key Loader for KWD-AE31K Authentication by KPT-300LMC is required Note: KPG-AE1 is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A)	649.10
KPG-DE1K	DES Encryption Software Key Loader for KWD-AE31K Authentication by KPT-300LMC is required	436.50

– IMPORTANT NOTES regarding ENCRYPTION MODULES –

Encryption modules, key loaders and radios containing encryption are export controlled by the U.S. Department of Commerce Bureau of Industry & Security EAR regulations and may either require an Export License, are eligible for a License Exception (ENC) or are exportable with No License Required (NLR) depending on the country, the consignee and the intended use. High level encryption is a special commodity that may require an export license to most countries. See www.bis.gov for more information regarding export regulations. DO NOT SHIP encryption items outside the U.S. without proper DOC/BIS Export Licenses and/or compliances.

Kenwood may request the following information to be submitted at time of order (this information must meet Kenwood internal approvals prior to shipment even if being returned to Kenwood later:

a) **Initial Destination:** Initial delivery point if different from Ultimate Destination

(customer distribution center, headquarters, dealership, manufacturer's representative)

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

b) **Ultimate Destination:** Final delivery point(s); deployment/distribution

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

c) **Intended Use of Radios:** Law enforcement, security, operations, etc.



NX-5000 Series Mobile Accessories

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KWD-AE30 AES FIPS140-2 SCM , NIST Validation & Customer Shipping

A secure delivery method direct to the end user customer is required by the NIST AES FIPS 140-2 validation rules. For U.S. Federal Government entities the SCM must ship from Kenwood USA Corporation directly to the end user customer by a trusted carrier (FEDEX, UPS or a designated Kenwood USA Corporation employee); shipping/handling by a dealer or other entity is not acceptable. This may or may not be required by local/state government agencies or business/industrial users. Please check with the end use customer about their AES encryption handling requirements before ordering. Kenwood will not be responsible for shipments of KWD-AE30K modules to erroneous destinations specified on an order.

REMOTE & MULTI-RF DECK CONFIGURATIONS

DIY - CONFIGURATION GUIDE

NX-5000 series mobile are capable of following configurations using any frequency/power type combinations

- Dash Mount **Mid power models only*
- Single Band / Single Control Head
- Single Band / Dual Control Head
- Dual Band / Single Control Head
- Dual Band / Dual Control Head
- Triple Band / Single Control Head
- Triple Band / Dual Control Head



This order guide is intended for DIY configuring and assembly of NX-5000 multi-deck configuration. For Factory Assembly orders, refer to convenient Accessory Kit & Assembly Labor codes.

STEP 1. Select Mobile(s) / Up to 3 mobiles of any combination

- Mid Power Mobiles : NX-5700B, NX-5800B, NX-5900B
- High Power Mobiles : NX-5600HB, NX-5700HB, NX-5800HB

STEP 2. Add power cable and bracket / For each Mobile Deck

- Mid Power Mobiles : KCT-23M(10 ft) or KCT-23M3(23ft), KMB-33M(bracket), and KRK-15BM(Control Head Remote Kit)
- High Power Mobiles : KCT-23M2(10 ft) or KCT-23M4(23ft), and KMB-36(bracket)

STEP 3. Select Control Head(s). Up to two Control Heads.

- KCH-19M Basic Control Head + KRK-14HM Control Head Interface Kit
- KCH-20RM Full Featured Control Head + KCT-72M(Acc Connection Port) + KES-5A (Speaker)
- KCH-21RM Handheld Control Head

STEP 4. Add Microphone for each Control Head.

- KMC-65M Standard Microphone
- KMC-66M Microphone with 12 keypad
- or from other 8pin audio input accessories

STEP 5. Select Desired Cable Length (Radio to Control Head)

- For KCH-19M/KCH-20RM Control Heads:
17ft.(KCT-71M2, 25ft. (KCT-71M3), 1.6ft.(KCT-71M4), or custom length (KCT-71A50/KCT-71A100)
- For KCH-21RM Control Head:
17ft. (KCT-77M2)

STEP 6. Add Deck to Deck Connection Cable (ONLY for multi-RF configuration)

- For Dual-band configuration : Requires ONE x KCT-71M4 (1.6ft.)
- For Tri-band configuration : Requires TWO x KCT-71M4 (1.6ft)

NEXEDGE®

P25 DMR

NX-5000 Series Mobile Accessories

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CONVENIENT REMOTE & MULTI-RF DECK ACCESSORY KITS

MID POWER / Remote Kit - Single Head / Single RF Deck

LIST

5ABM	KMC-65M, KCH-19M, KRK-14HM, KRK-15BM, KCT-71M2, KCT-23M3, KMB-33M	774.60
5AFM	KMC-65M, KCH-20RM, KRK-15BM, KCT-71M2, KCT-23M3, KMB-33M, KES-5A, KCT-72M	1254.00

5AHM	KCH-21RM, KRK-15BM, KCT-77M2, KCT-23M3, KMB-33M	1735.40
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MID POWER / Remote Kit - Dual Head / Single RF Deck

LIST

5ABBM	KMC-65M(x2), KCH-19M(x2), KRK-14HM(x2), KRK-15BM, KCT-71M2(x2), KCT-23M3, KMB-33M	1391.20
5AFFM	KMC-65M(x2), KCH-20RM(x2), KRK-15BM, KCT-71M2(x2), KCT-23M3, KMB-33M, KES-5A(x2), KCT-72M(x2)	2350.00

MID POWER / Remote Kit - Single Head / Dual RF Deck

LIST

5ABMM	KMC-65M, KCH-19M, KRK-14HM, KRK-15BM(x2), KCT-71M2, KCT-71M4, KCT-23M3(x2), KMB-33M(x2)	992.80
5AFMM	KMC-65M, KCH-20RM, KRK-15BM(x2), KCT-71M2, KCT-71M4, KCT-23M3(x2), KMB-33M(x2), KES-5A, KCT-72M	1472.20
5AHMM	KCH-21RM, KRK-15BM(x2), KCT-77M2, KCT-71M4, KCT-23M3(x2), KMB-33M(x2)	1953.60

MID POWER / Remote Kit - Single Head / Dual RF Deck, External Speakers per deck

LIST

5ABMM-MR	KMC-65M, KCH-19M, KRK-14HM, KRK-15BM(x2), KCT-71M2, KCT-71M4, KCT-23M3(x2), KMB-33M(x2), KES-5A(x2), KAP-2(x2)	1322.00
5AFMM-MR	KMC-65M, KCH-20RM, KRK-15BM(x2), KCT-71M2, KCT-71M4, KCT-23M3(x2), KMB-33M(x2), KES-5A(x2), KAP-2(x2)	1671.90
5AHMM-MR	KCH-21RM, KRK-15BM(x2), KCT-77M2, KCT-71M4, KCT-23M3(x2), KMB-33M(x2), KES-5A(x2), KAP-2(x2)	2282.80

MID POWER / Remote Kit - Dual Head / Dual RF Deck

LIST

5ABBMM	KMC-65M(x2), KCH-19M(x2), KRK-14HM(x2), KRK-15BM(x2), KCT-71M2(x2), KCT-71M4, KCT-23M3(x2), KMB-33M(x2)	1609.40
5AFFMM	KMC-65M(x2), KCH-20RM(x2), KRK-15BM(x2), KCT-71M2(x2), KCT-71M4, KCT-23M3(x2), KMB-33M(x2), KES-5A(x2), KCT-72M(x2)	2568.20

MID POWER / Remote Kit - Dual Head / Dual RF Deck, External Speakers per deck

LIST

5ABBMM-MR	KMC-65M(x2), KCH-19M(x2), KRK-14HM(x2), KRK-15BM(x2), KCT-71M2(x2), KCT-71M4, KCT-23M3(x2), KMB-33M(x2), KES-5A(x2), KAP-2(x2)	1938.60
5AFFMM-MR	KMC-65M(x2), KCH-20RM(x2), KRK-15BM(x2), KCT-71M2(x2), KCT-71M4, KCT-23M3(x2), KMB-33M(x2), KES-5A(x2), KAP-2(x2)	2638.40

HIGH POWER / Single Head Remote Mount Kit

LIST

6ABMIG	KMC-65M, KCH-19M, KRK-14HM, KCT-71M2, KCT-23M4, KCT-18, KMB-36	815.90
6AFMIG	KMC-65M, KCH-20RM, KCT-71M2, KCT-23M4, KCT-72M, KES-5A, KCT-18, KMB-36	1295.30
6AHMIG	KCH-21RM, KCT-77M2, KCT-23M4, KCT-18, KMB-36	1776.70

HIGH POWER / Single Remote Mount / Dual High Power RF Deck

LIST

6AFMMIG	KMC-65M, KCH-20RM, KCT-71M2, KCT-23M4(x2), KCT-72M, KES-5A, KCT-18(x2), KMB-36 (x2), KCT-71M4	1554.80
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HIGH POWER / Single Deck Dual Head Remote Mount

LIST

6ABBMMIG	KMC-65M(x2), KCH-19M(x2), KRK-14HM(x2), KCT-71M2(x2), KCT-23M4, KCT-18, KMB-36	1432.50
6AFFMIG	KMC-65M(x2), KCH-20RM(x2), KCT-71M2(x2), KCT-23M4, KCT-72M(x2), KES-5A(x2), KCT-18, KMB-36	2391.30



NX-5000 Series Mobile Accessories

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REMOTE & MULTI-RF DECK ASSEMBLY LABORS

LIST

Basic assembly and setup service for Remote & Multi-RF Deck configurations.

Note1: MUST submit the Remote Mount Configuration Request Form for multi-band system

Note2: When mixing two accessory kits to configure one multi-band system, you MUST add ONE KCT-71M4 cable to your order.

Ordering Example: Creating Tri-Deck (2 mid power + 1 high power deck)

- 2 x **NX-5x00BK** Any of mid power deck, any band
- 1 x **NX-5x00HBF** Any of high power deck, any band
- 1 x **5AFMM** Accessory kit for two mid power decks
- 1 x **KCT-71M4** Connector cable to bridge two accessory packages
- 1 x **6AFMIG** Accessory kit for high power deck
- 1 x **L-5037** Labor code for Triple Deck Radio assembly

As a result, radio is configured as... two control heads, triple deck connected, with 2 mid power and 1 high power deck.

Note3: MUST purchase NX-5x00(H)B RF Decks and corresponding Remote Kit(s) with all listed labors.

L-5029	Factory Assembly & Factory Packing for Single Head Remote Kit and Radio	81.00
L-5030	Factory Assembly & Factory Packing for Dual Head Remote Kit and Radio	151.20
L-5031	Factory Assembly & Factory Packing for Single Head Remote Kit and Dual Deck Radio	91.80
L-5032	Factory Assembly & Factory Packing for Single Head / Dual Deck / Ext. Speakers	162.00
L-5033	Factory Assembly & Factory Packing for Dual Head and Dual Deck Radio	162.00
L-5034	Factory Assembly & Factory Packing for Dual Head / Dual Deck / Ext. Speakers	167.30
L-5035	Factory Assembly & Factory Packing for Single Head Remote and Triple Deck Radio	151.20
L-5037	Factory Assembly & Factory Packing for Dual Head and Triple Deck Radio	172.80

INSTALLATION / TUNING SERVICES

LIST

L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. <u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>	129.70
L-5006	NX-5000 Mobile Programming (with basic TX/RX check)	40.50
L-5007	Install KWD-AE30K in NX-5000 series Mobile (Must purchase module separately)	81.00
L-5008	Install KWD-AE31K in NX-5000 series Mobile (Must purchase module separately)	81.00
L-5015	Install KAP-2 (Default) HR1/ <u>INTERNAL</u> Sp./PA. Note: This labor code is only for individual orders for mobile configuration. The labor code (L-5032, 5034, and 5036) for Multi RF Deck Configuration Package includes installation of KAP-2.	27.00
L-5019	Install KAP-2 (Default) HR1/ <u>EXTERNAL</u> Sp./PA. Note: This labor code is only for individual orders for mobile configuration. The labor code (L-5032, 5034, and 5036) for Multi RF Deck Configuration Package includes installation of KAP-2.	27.00
L-5051	P25 CAP Compliance of Non-Encrypted Radio - Disable Built-in DES	54.00
L-5077	FSFS++ Forest Service Feature Set - Factory Installation Adds Tactical Zone improvements and Analog Conv & P25 Conv Zone Cloning Note: Must purchase <u>per Radio</u> • This feature set is provided by custom firmware based on V4.21.00 firmware. • Feature set is applicable for analog conventional / P25 conventional modes only. • Feature set does not support mobile multi-deck configuration. • Feature set will not work with any other firmware options or customized firmware. • Custom firmware is not eligible for warranty compensation.	64.80
L-1849	FSFS++ Forest Service Feature Set - Field Installation Adds Tactical Zone improvements and Analog Conv & P25 Conv Zone Cloning Note: Purchase per application - <u>provided as Custom FW for unlimited radios</u> <u>To PLACE AN ORDER</u> , submit "Kenwood LMR Customization Application" form along with your PO via email (lmr-customs@us.jvckenwood.com) • This feature set is provided as custom firmware based on V4.21.00 firmware. • Feature set is applicable for analog conventional / P25 conventional modes only. • Feature set does not support Mobile multi-deck configuration. • Feature set will not work with any other firmware options or customized firmware. • Custom firmware is not eligible for warranty compensation.	1512.00



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SOFTWARE LICENSING & RADIO FEATURE OPTIONS

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- **FPU & Software Applications:** Software License Key Request Form
- **Radio Feature Licenses:** Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

SERVICE RELATED ACCESSORIES

	DEALER	LIST
KPG-D1NK	License Key for KPG-D1NK Programming Software for NX-5000 Portable/Mobile (Windows® Vista/7/8/8.1) Note: Requires KPT-300LMC for authentication Note: Requires P25 Trunk system programming privileges for P25 Trunk programming. Must purchase L-5005 or KWD-ASK Hardware Access Keys	184.00
KWD-ASK-MK	Master Key for activating KWD-ASK-AK Access Keys - Restricted Purchase Requirements - Notes: • For NX-5000 series only. • Sold to trunked system operator (SYSOP) or SYSOP authorized entities only • Must have KPG-D1NK • SYSOP must provide 3-digit HEX HSID to Kenwood with P25 Trunking System Keys Request Form placed on Kenwood Tools. • Purchase KWD-ASK-AK Access Keys if needed.	668.50
KWD-ASK-AK	Access Key for KPG-D1NK P25 trunked programming Notes: Enables P25 Trunked system programming privileges in a KPG-D1NK. • For NX-5000 series only • Must be activated by trunked system operator (SYSOP) with KWD-ASK-MK Master Key • Must have KPG-D1NK • Configurable expiration period of KWD-ASK-AK set by KWD-ASK-MK is available for 3 years for built in battery. USB Key must be replaced since the expiration set up dose not work after 3 years.	280.00
KPG-115	Encryption Key Loader Interface Cable for Motorola KVL-3000/3000 Plus/4000	374.20
KPG-115AUT	KVL-4000 Radio Authentication Cable Note: Only capable for P25 Radio Authentication. Not available for Encryption Key Loading.	469.50
KPG-46XM	Full Speed USB Programming interface cable Note: This cable with USB mode may be used for SD Card Direct Access.	212.30
KPG-CLN-RJ45	Mobile-to-Mobile Cloning Cable (RJ45:RJ45), 3m	229.50
FleetSync® & NEXEDGE® AVL & MESSAGING		LIST
KAS-10	FleetSync & NEXEDGE AVL & Messaging Software with NEXEDGE Trunking VoIP Dispatch Note: - Users can chose to operate Messaging, AVL or VoIP or all three if desired. Compatible with Windows® XP, VISTA & 7 and Microsoft® MapPoint®2006/2009/2010 (certain format bitmap images can be imported). Refer to KAS-10 product spec sheets and manuals for details. - NEXEDGE Gen2, Type-D Trunking and DMR System not supported.	515.50



NX-3720HG/3820HG

VHF/UHF Digital & FM Analog Mobile Radios

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All NX-3000 Series Mobiles include:

- Standard Microphone (KMC-65M)
- Mounting Bracket
- DC Cable
- Blade Fuse
- User Guide
- Premium Warranty: 3 Years

All Accessories / options: 1 Year

Because of spurious signal (birdie), the following frequencies (and ± 7.5 kHz ranges) are not allowed:

- | | | |
|------------|------------|------------|
| • 139.2000 | • 403.2000 | • 460.8000 |
| • 144.0000 | • 408.0000 | • 465.6000 |
| • 148.8000 | • 412.8000 | • 470.4000 |
| • 153.6000 | • 417.6000 | • 475.2000 |
| • 158.4000 | • 422.4000 | • 480.0000 |
| • 163.2000 | • 427.2000 | • 484.8000 |
| • 166.4000 | • 432.0000 | • 489.6000 |
| • 168.0000 | • 436.8000 | • 494.4000 |
| • 172.8000 | • 441.6000 | • 499.2000 |
| | • 446.4000 | • 504.0000 |
| | • 451.2000 | • 508.8000 |
| | • 456.0000 | • 513.6000 |
| | | • 518.4000 |

1. Designed to operate digital, DMR OR NXDN, along with analog FM; a single digital protocol selected with programming software.

STANDARD

GENERAL FEATURES

- 50 W (136-174 MHz) Models
- 45 W (400-470, 450-520 MHz) Models
- 512 CH / 128 Zones
- 4-Line Basic Frame (2-Line Main/Sub-LCD, icon & key guide) / 14 characters
- 4-Line Text Message Frame (2 Lines of Text, icon & key guide)
- Function/Status LCD Icons
- Multi-Language Display
- Date & 12/24 Hour Time Clock
- 7-color LED Indicator
- Transmit/Busy/Call Alert/Warn LED
- Emergency/AUX Key
- 4W Speaker Audio
- DB-15 Accessory Connector
- Dual Digital Protocol ¹
- Emergency Call Features
- Built-in GPS Receiver
- Built-in Bluetooth® Module
- Active Noise Reduction (ANR)
- KPG-D3N Windows® FPU
- Flash Firmware Upgrading
- Optional Software-based DES and AES Encryptions (Digital Only)
- MIL-STD-810 C/D/E/F/G
- IP-54 Water & Dust Intrusion
- Digital Encode/Decode Format

ANALOG MODE

- Conventional Zones
- LTR® Zones
- FleetSync®/I: PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- MDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF
- Built-in Voice Inversion Scrambler

DIGITAL – NXDN® MODE

- NXDN® Conventional
- NXDN® TYPE-C (Gen1/Gen2) Trunking Option
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming (requires KPG-180AP OTAP Manager Software)
- Paging Call
- Emergency Call
- All Group Call
- Digital Two-Tone
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN® Scrambler

DIGITAL – DMR MODE

- DMR Tier 2 Conventional
- DMR Tier 3 Trunking Option
- DMR Auto Slot Select (DASS)
- AMBE+2™ VOCODER
- 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Site Roaming
- Call Interrupt (Direct & Repeater Mode)
- Paging Call
- Emergency Call
- All Group Call
- Late Entry
- Status Messaging
- Remote Control by Subscriber Units
- ARC4 Encryption Option

OPTIONAL FEATURES

- 1000 Channel (**KWD-3000CH**)
- Front Panel Programming (**KWD-3001FP**)
- Built-in Bluetooth® Module for Data (**KWD-3002BT**)
- Digital NXDN Trunking (**KWD-3501TR**)
- DMR Tier 2 Conventional (**Factory Installed**)
- DMR Tier 3 Trunking (**KWD-3302TR**)
- DMR ARC4 Enhanced Encryption (**KWD-3502EE**)
- AES/DES Encryption (**KWD-3503AE**)
- Remote Control by Subscriber Units (**KWD-3504RC**)

RADIO			LIST
NX-3720HGK	VHF (136-174MHz), 50 Watts, 512 CH, 128 Zones		901.80
NX-3820HGK	UHF (450 - 520MHz), 45 Watts, 512 CH, 128 Zones		901.80
NX-3820HGK2	UHF (400 - 470MHz), 45 Watts, 512 CH, 128 Zones		901.80
RADIO TRUNKING PACKAGE			LIST
NX-3720HGK-TR	VHF (136-174MHz), 50 Watts, 512 CH, 128 Zones with NXDN Trunking		934.70
NX-3820HGK-TR	UHF (450 - 520MHz), 45 Watts, 512 CH, 128 Zones with NXDN Trunking		934.70
NX-3820HGK2-TR	UHF (400 - 470MHz), 45 Watts, 512 CH, 128 Zones with NXDN Trunking		934.70



NX-3720HG/3820HG

VHF/UHF Digital & FM Analog Mobile Radios

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SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form
- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features		LIST
KWD-3000CH	License Key for 1000 Channel Expansion	190.20
KWD-3001FP	License Key for Front Panel Programming	148.50
KWD-3002BT	License Key for Bluetooth Data (Required for Data Communication) Note: Voice Communication for Bluetooth Head Set does NOT require KWD-3002BT. You can pair with any Bluetooth audio device without this option.	41.70
KWD-3302TR	License Key for DMR Tier 3 Trunking	118.80
KWD-3501TR	License Key for Digital Trunking (Includes NXDN Type-C and Type-C Gen2)	49.50
KWD-3502EE	License Key for DMR ARC4 Enhanced Encryption	47.50
KWD-3503AE	License Key for AES/DES Encryption Note: 1. Factory Installation only. Must order L-5054. 2. Requires KPG-AE1/DE1 software key loader to encrypt. 3. KWD-3503AE is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) Please see descriptions at the bottom.	534.70
KWD-3504RC	License Key for Remote Control by Subscriber Units Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is required for only Transmitting of Remote Control. - PC command for Remote Control does NOT require the license.	47.50
KWD-3505DE	License Key for DES Encryption Note: Requires KPG-AE1/DE1 software key loader to load encryption keys	118.80

CONTROL HEAD REMOTE KIT		LIST
KRK-18HM	Interface Kit for a Control Head	194.70
KRK-19BM	Interface Kit for an RF Deck	49.20

Note: Remote Control Cable must be purchased separately.

REMOTE CONTROL CABLES		LIST
KCT-71M2	Remote Control Cable (17 feet)	94.00
KCT-71M3	Remote Control Cable (25 feet)	107.00
KCT-71M4	Remote Control Cable (1.6 feet)	60.20
KCT-71A50	KCT-71A Extended Control Head Cable (up to 50 ft. max.) Note: Please specify exact length at 1ft. increments when ordering. Caution: Extended control head cables exhibit a loss in speaker audio power to the control heads.	249.50
KCT-71A100	KCT-71A Extended Control Head Cable (up to 100 ft. max.) Note: Please specify exact length at 1ft. increments when ordering. Caution: Extended control head cables exhibit a loss in speaker audio power to the control heads.	321.50

MOBILE INSTALLATION ACCESSORIES		LIST
KCT-60M	DB15-to-15pin Molex Adapter Cable	38.70
KCT-18	Ignition sense cable (requires KCT-60M Acc. Cable Option)	26.30
KCT-72M	External Accessory Connection Cable for KRK-18HM	49.20
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max.)	56.30
KMB-10	Key lock adapter	35.20
KRA-40GM	GPS Antenna	56.00



NX-3720HG/3820HG

VHF/UHF Digital & FM Analog Mobile Radios

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CONTROL STATION INSTALLATION ACCESSORIES		LIST
KMB-34	Control Station Mounting Case for KPS-15 Power Supply and Mobiles (excludes TK-5x10/6110 series). (mobile mounting hardware included)	72.20
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	232.00
MICROPHONES AND SPEAKERS		LIST
KMC-65M	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)	69.80
KMC-66M	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	126.70
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug) Note: NOT compatible with TDMA operations	115.30
KMC-59C	Control Station Desktop Microphone (8-pin mod. plug) Note: Compatible with FDMA (analog / NXDN) and TDMA (DMR) Operation.	255.50
KES-8K	External speaker, 10W, 4-Ohm, 3.5mm phone plug	65.30
KES-5A	External speaker, 40W max input Note: requires KCT-60M installed.	80.30
SERVICE RELATED ACCESSORIES		LIST
KPG-D3NK	License Key for KPG-D3NK Programming Software for NX-3000 Portable/Mobile Note: Requires KPT-300LMC for authentication	184.00
KPG-AE1K	License Key for AES/DES Encryption Software Key Loader for KWD-3503AE Note: - Requires KPT-300LMC for authentication - KPG-AE1 is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A).	649.10
KPG-DE1K	License Key for DES Encryption Software Key Loader for KWD-3505DE Note: - Requires KPT-300LMC for authentication	436.50
KPG-46XM	Full Speed USB Programming interface cable Note: This cable with USB mode may be used for SD Card Direct Access.	212.30
INSTALLATION / TUNING CHARGES		LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. KPT-300LMC's History Menu will not display the Radio Features activated by Factory.	129.70
L-5053	NX-3720HG/3820HG/3920G/3921G Programming (with basic TX/RX check)	40.50
L-5054	Installation for NX-3000 Portable/Mobile AES	27.00

-- IMPORTANT NOTES regarding ENCRYPTION SOFTWARE OPTION--

Encryption Software Option, key loaders and radios containing encryption are export controlled by the U.S. Department of Commerce Bureau of Industry & Security EAR regulations and may either require an Export License, are eligible for a License Exception (ENC) or are exportable with No License Required (NLR) depending on the country, the consignee and the intended use. High level encryption is a special commodity that may require an export license to most countries. See www.bis.gov for more information regarding export regulations. DO NOT SHIP encryption items outside the U.S. without proper DOC/BIS Export Licenses and/or compliances.

JVCKENWOOD may request the following information to be submitted at time of order (this information must meet JVCKENWOOD internal approvals prior to shipment even if being returned to JVCKENWOOD later:

a) **Initial Destination:** Initial delivery point if different from Ultimate Destination

(customer distribution center, headquarters, dealership, manufacturer's representative)

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

b) **Ultimate Destination:** Final delivery point(s); deployment/distribution

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

c) **Intended Use of Radios:** Law enforcement, security, operations, etc.



NX-3920G/3921G

800/900MHz Digital & FM Analog Mobile Radios

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**All NX-3000 Series Mobiles include:**

- Standard Microphone (KMC-65M)
- Mounting Bracket
- DC Cable
- Blade Fuse
- User Guide
- Premium Warranty: 3 Years

All Accessories / options: 1 Year

Because of spurious signal (birdie), the following frequencies (and ± 6.25 kHz ranges) are not allowed:

- 854.4000 • 936.0000
- 859.2000 • 940.8000
- 864.0000
- 868.8000

1. Designed to operate digital, DMR OR NXDN, along with analog FM; a single digital protocol selected with programming software.

STANDARD**■ GENERAL FEATURES**

- 15 W (800 MHz) Model
- 15 W (900 MHz) Model
- 512 CH / 128 Zones
- 4-Line Basic Frame (2-Line Main/Sub-LCD, icon & key guide) / 14 characters
- 4-Line Text Message Frame (2 Lines of Text, icon & key guide)
- Function/Status LCD Icons
- Multi-Language Display
- Date & 12/24 Hour Time Clock
- 7-color LED Indicator
- Transmit/Busy/Call Alert/Warn LED
- Emergency/AUX Key
- 4W Speaker Audio
- DB-15 Accessory Connector
- Dual Digital Protocol ¹
- Emergency Call Features
- Built-in GPS Receiver
- Built-in Bluetooth® Module
- Active Noise Reduction (ANR)
- KPG-D3N Windows® FPU
- Flash Firmware Upgrading
- Optional Software-based DES and AES Encryptions (Digital Only)
- MIL-STD-810 C/D/E/F/G
- IP-54 Water & Dust Intrusion
- Digital Encode/Decode Format

■ ANALOG MODE

- Conventional Zones
- TR® Zones
- FleetSync®/I: PTT ID ANI, Caller ID Display, Selective/Group Call, Emergency Status, Text Messages
- VDC-1200: PTT ID ANI, Caller ID Display, Emergency, Radio Check & Inhibit
- QT / DQT
- Two-Tone (Conventional Zones Only)
- DTMF
- Built-in Voice Inversion Scrambler

■ DIGITAL – NXDN® MODE

- NXDN® Conventional
- NXDN® TYPE-C (Gen1/Gen2) Trunking
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming (requires KPG-180AP OTAP Manager Software)
- Paging Call
- Emergency Call
- All Group Call
- Status Messaging
- Remote Stun/Kill/Check
- Short & Long Data Messages
- GPS Location
- NXDN® Scrambler

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional Option
- DMR Tier 3 Trunking Option
- DMR Auto Slot Select (DASS)
- AMBE+2™ VOCODER
- 12.5 kHz Channels
- Over-the-Air Alias
- Over-the-Air Programming
- Site Roaming
- Call Interrupt (Direct & Repeater Mode)
- Paging Call
- Emergency Call
- All Group Call
- Late Entry
- Status Messaging
- Remote Control by Subscriber Units
- ARC4 Encryption Option

OPTIONAL FEATURES

- 1000 Channel (KWD-3000CH)
- Front Panel Programming (KWD-3001FP)
- Built-in Bluetooth® Module for Data (KWD-3002BT)
- Digital NXDN Trunking (Factory Installed)
- DMR Tier 2 Conventional (KWD-3301CV)
- DMR Tier 3 Trunking (KWD-3301CV & KWD-3302TR)
- DMR ARC4 Enhanced Encryption (KWD-3502EE)
- AES/DES Encryption (KWD-3503AE)
- Remote Control by Subscriber Units (KWD-3504RC)

RADIO			LIST
NX-3920GK	800MHz, 15 Watts, 512 CH, 128 Zones, NXDN Conv & Trunking		1177.80
NX-3921GK	900MHz, 15 Watts, 512 CH, 128 Zones, NXDN Conv & Trunking		1177.80

SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form
- Radio Feature Licenses: Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.



NX-3920G/3921G

800/900MHz Digital & FM Analog Mobile Radios

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Radio Features		LIST
KWD-3000CH	License Key for 1000 Channel Expansion	190.20
KWD-3001FP	License Key for Front Panel Programming	148.50
KWD-3002BT	License Key for Bluetooth Data (Required for Data Communication) <u>Note:</u> Voice Communication for Bluetooth Head Set does NOT require KWD-3002BT. You can pair with any Bluetooth audio device without this option.	41.70
KWD-3301CV	License Key for DMR Tier 2 Conventional	49.50
KWD-3302TR	License Key for DMR Tier 3 Trunking (Requires KWD-3301CV)	118.80
KWD-3502EE	License Key for DMR ARC4 Enhanced Encryption	47.50
KWD-3503AE	License Key for AES/DES Encryption <u>Note:</u> 1. Factory Installation only. Must order L-5054. 2. Requires KPG-AE1/DE1 software key loader to encrypt. 3. KWD-3503AE is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) Please see descriptions at the bottom.	534.70
KWD-3504RC	License Key for Remote Control by Subscriber Units <u>Note:</u> - This license may be used by Administrator due to Stun/Revive/Kill. - The license is required for only Transmitting of Remote Control. - PC command for Remote Control does NOT require the license.	47.50
KWD-3505DE	License Key for DES Encryption <u>Note:</u> Requires KPG-AE1/DE1 software key loader to load encryption keys	118.80
CONTROL HEAD REMOTE KIT		LIST
KRK-18HM	Interface Kit for a Control Head	194.70
KRK-19BM	Interface Kit for an RF Deck	49.20
<u>Note:</u> Remote Control Cable must be purchased separately.		
REMOTE CONTROL CABLES		LIST
KCT-71M2	Remote Control Cable (17 feet)	94.00
KCT-71M3	Remote Control Cable (25 feet)	107.00
KCT-71M4	Remote Control Cable (1.6 feet)	60.20
KCT-71A50	KCT-71A Extended Control Head Cable (up to 50 ft. max.) <u>Note:</u> Please specify exact length at 1ft. increments when ordering. <u>Caution:</u> Extended control head cables exhibit a loss in speaker audio power to the control heads.	249.50
KCT-71A100	KCT-71A Extended Control Head Cable (up to 100 ft. max.) <u>Note:</u> Please specify exact length at 1ft. increments when ordering. <u>Caution:</u> Extended control head cables exhibit a loss in speaker audio power to the control heads.	321.50
MOBILE INSTALLATION ACCESSORIES		LIST
KCT-60M	DB15-to-15pin Molex Adapter Cable	38.70
KCT-18	Ignition sense cable (requires KCT-60M Acc. Cable Option)	26.30
KCT-72M	External Accessory Connection Cable for KRK-18HM	49.20
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	56.30
KMB-10	Key lock adapter	35.20
KRA-40GM	GPS Antenna	56.00
CONTROL STATION INSTALLATION ACCESSORIES		LIST
KMB-34	Control Station Mounting Case for KPS-15 Power Supply and Mobiles (excludes TK-5x10/6110 series). (mobile mounting hardware included)	72.20
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	232.00
MICROPHONES AND SPEAKERS		LIST
KMC-65M	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)	69.80
KMC-66M	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	126.70
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug) <u>Note:</u> NOT compatible with TDMA operations	115.30



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800/900MHz Digital & FM Analog Mobile Radios

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KMC-59C	Control Station Desktop Microphone (8-pin mod. plug) Note: Compatible with FDMA (analog / NXDN) and TDMA (DMR) Operation.	255.50
KES-8K	External speaker, 10W, 4-Ohm, 3.5mm phone plug	65.30
KES-5A	External speaker, 40W max input Note: requires KCT-60M installed.	80.30
SERVICE RELATED ACCESSORIES		LIST
KPG-D3NK	License Key for KPG-D3NK Programming Software for NX-3000 Portable/Mobile Note: Requires KPT-300LMC for authentication	184.00
KPG-AE1K	License Key for AES/DES Encryption Software Key Loader for KWD-3503AE Note: - Requires KPT-300LMC for authentication - KPG-AE1 is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A).	649.10
KPG-DE1K	License Key for DES Encryption Software Key Loader for KWD-3505DE Note: - Requires KPT-300LMC for authentication	436.50
KPG-46XM	Full Speed USB Programming interface cable Note: This cable with USB mode may be used for SD Card Direct Access.	212.30
INSTALLATION / TUNING CHARGES		LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. <u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>	129.70
L-5053	NX-3720HG/3820HG/3920G/3921G Programming (with basic TX/RX check)	40.50
L-5054	Installation for NX-3000 Portable/Mobile AES	27.00

– IMPORTANT NOTES regarding ENCRYPTION SOFTWARE OPTION–

Encryption Software Option, key loaders and radios containing encryption are export controlled by the U.S. Department of Commerce Bureau of Industry & Security EAR regulations and may either require an Export License, are eligible for a License Exception (ENC) or are exportable with No License Required (NLR) depending on the country, the consignee and the intended use. High level encryption is a special commodity that may require an export license to most countries. See www.bis.gov for more information regarding export regulations. DO NOT SHIP encryption items outside the U.S. without proper DOC/BIS Export Licenses and/or compliances.

JVCKENWOOD may request the following information: to be submitted at time of order (this information must meet JVCKENWOOD internal approvals prior to shipment even if being returned to JVCKENWOOD later:

a) **Initial Destination:** Initial delivery point if different from Ultimate Destination
(customer distribution center, headquarters, dealership, manufacturer's representative)

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

b) **Ultimate Destination:** Final delivery point(s); deployment/distribution

* Business/Agency Name:

* Address:

* Contact Person Name:

* Contact Phone:

c) **Intended Use of Radios:** Law enforcement, security, operations, etc.

NEXEDGE®

NX-1700HNV/1800HNU

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VHF/UHF NXDN & FM Analog Mobile Radios**All NX-1000 series mobiles include:**

- Standard Microphone (KMC-65M)
- Mounting Bracket
- DC Cable
- 15A Fuse
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

■ GENERAL FEATURES

- 50 W (136-174 MHz) Model
- 45 W (400-470 MHz) Model
- NXDN & Analog Mode
- Optional DMR Mode Conversion
- AMBE+2™ VOCODER
- 260 CH-GID / 128 Zones
- 13-Segment 10-character LCD Display
- 7-color large LED indicator
- White Backlit
- KENWOOD Audio Quality
 - 6W (max) loud audio
 - Audio Equalizer: Flat, High, or Low
 - Auto Gain Control: On, High, or Low
 - Microphone type settings
- Multiple Scan Functions
 - Dual/Single Priority Scan, Single/Multi Zone Scan, Normal Scan
- Orange-colored Emergency button
- Horn Alert and Public Address function
- Ignition Sense function
- Voice Announcement
- DB15 Accessory Interface
- Lone Worker
- Max/Min Volume Setting
- Display Customization
- Power-on LED
- Menu Mode
- MIL-STD-810 C/D/E/F/G/H
- IP-54 Water & Dust Intrusion

■ DIGITAL – NXDN® MODE

- NXDN® Conventional & Site Roaming
- NXDN® Type-D Trunking Option
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Digital / Analog Mixed Mode
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check & Control
- GPS Combination with additional module
- Late Entry
- NXDN® Scrambler

■ DIGITAL – DMR MODE (Optional)

- DMR Tier 2 Conventional & Site Roaming
- DMR Auto Slot Select (DASS)
- 12.5 kHz Channels
- Digital / Analog Mixed Mode
- Call Interrupt
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check & Control
- Over-the-Air Alias
- GPS Combination with additional module
- Late Entry
- ARC4 Encryption Option

■ ANALOG MODE

- Conventional Zones
- FleetSync®: PTT ID, Stun/Revive, Mute hold, Talk back, Selcall
- MDC-1200: PTT ID, Radio Inhibit/Uninhibit, Radio Check, Emergency
- QT / DQT
- Two-Tone
- DTMF
- Built-in Voice Inversion Scrambler (per channel)
- Built-in Compander (per channel)

OPTIONAL FEATURES

- NXDN Type-D Trunking License (**KWD-1202TDK**)
- DMR Conversion License (**KWD-1301CN**)
- DMR ARC4 Enhanced Encryption (**KWD-1500EE**) *Only applicable after DMR conversion
- Remote Control Command by Subscriber Units (**KWD-1501RC**)

Digital mode conversion & Type-D requires additional firmware loading after applying upgrade license.
Please download latest firmware from MyTools website > Product > Firmware

MODEL		LIST
NX-1700HNVK	136-174 MHz VHF 50W, 260 Ch / 128 Zones	577.50
NX-1800HNUK2	400-470 MHz UHF 45W, 260 Ch / 128 Zones	577.50
MOBILE INSTALLATION ACCESSORIES		LIST
KCT-60M	DB15-to-15pin Molex Adapter Cable	38.70
KCT-18	Ignition sense cable (requires KCT-60M Acc. Cable Option)	26.30
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	56.30
KMB-10	Key lock adapter	35.20
CONTROL STATION INSTALLATION ACCESSORIES		LIST
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug) Note: NOT compatible with TDMA operations	115.30
KMC-59C	Control Station Desktop Microphone (8-pin mod. plug) Note: Compatible with FDMA (analog / NXDN) and TDMA operations	255.50
KMB-34	Control Station Mounting Case for KPS-15 Power Supply and Mobiles (excludes TK-5x10/6110 series). (mobile mounting hardware included)	72.20
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	232.00
MICROPHONES AND SPEAKERS		LIST
KMC-65M	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)	69.80
KMC-66M	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	126.70
KES-8K	External speaker, 10W, 4-Ohm, 3.5mm phone plug	65.30
KES-5A	External speaker, 40W max input Note: requires KCT-60M installed.	80.30

NEXEDGE®

NX-1700HNV/1800HNU

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VHF/UHF NXDN & FM Analog Mobile Radios

FleetSync® & NEXEDGE® AVL & MESSAGING

		DEALER	LIST
GPS15XL-W	Garmin Internal GPS Receiver Board for NEXEDGE/FleetSync AVL Note: • Conventional operation only. • Requires GA25 MCX GPS antenna. • Refer to www.garmin.com for GPS-15XL-W technical specifications. • Option: Order L-1874 for Kenwood Long Beach installation.	105.10	175.20
GA25MCX	Garmin On-dash Style Magnetic base GPS Antenna for GPS15XL-W Note: shipped loose only; Install GA25MCX antenna to GPS15XL-W before vehicle install.	49.90	83.20

SOFTWARE LICENSING & RADIO FEATURE OPTIONS**IMPORTANT:** NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- **FPU & Software Applications:** Software License Key Request Form- **Radio Feature Licenses:** Radio Feature License Keys Request Form*Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.*

Radio Features		LIST
KWD-1202TDK	License Key for NXDN Type-D Trunking	12.00
KWD-1301CN	License Key for DMR Conventional Conversion	49.50
KWD-1500EE	License key for DMR ARC4 Enhanced Encryption Note: ARC4 Enhanced Encryption is available only in DMR mode.	39.70
KWD-1501RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	39.70

SERVICE RELATED ACCESSORIES

		LIST
KPG-46XM	USB Programming interface cable	212.30
KPG-D6NK	License Key for KPG-D6NK Programming Software for NX-1000 series portable/mobile Note: Requires KPT-300LMC for authentication	122.80

INSTALLATION / TUNING CHARGES

		LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. KPT-300LMC's History Menu will not display the Radio Features activated by Factory.	129.70
L-1873	NX-1000 Series Mobiles Programming (with basic TX/RX check) Must submit NX-x000 Series Programming Order Form upon placing order for any programming services	40.50
L-1874	Install Garmin GPS15XL-W in NX-1000 Series mobile Note: The KGS-3 & GPS15XL-W are not compatible with KGP-2A/2B AVL systems.	108.00

NEXEDGE®

NX-1700HDV/1800H DU

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VHF/UHF DMR & FM Analog Mobile Radios



All NX-1000 series mobiles include:

- Standard Microphone (KMC-65M)
- Mounting Bracket
- DC Cable
- 15A Fuse
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

■ GENERAL FEATURES

- 50 W (136-174 MHz) Model
- 45 W (400-470 MHz) Model
- DMR & Analog Mode
- Optional NXDN Mode Conversion
- AMBE+2™ VOCODER
- 260 CH-GID / 128 Zones
- 13-Segment 10-character LCD Display
- 7-color large LED indicator
- White Backlit
- KENWOOD Audio Quality
 - 6W (max) loud audio
 - Audio Equalizer: Flat, High, or Low
 - Auto Gain Control: On, High, or Low
 - Microphone type settings
- Multiple Scan Functions
 - Dual/Single Priority Scan, Single/Multi Zone Scan, Normal Scan
- Orange-colored Emergency button
- Horn Alert and Public Address function
- Ignition Sense function
- Voice Announcement
- DB15 Accessory Interface
- Lone Worker
- Max/Min Volume Setting
- Display Customization
- Power-on LED
- Menu Mode
- MIL-STD-810 C/D/E/F/G/H
- IP-54 Water & Dust Intrusion

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional & Site Roaming
- DMR Auto Slot Select (DASS)
- 12.5 kHz Channels
- Digital / Analog Mixed Mode
- Call Interrupt
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check & Control
- Over-the-Air Alias
- GPS Combination with additional module
- Late Entry
- ARC4 Encryption Option

■ DIGITAL – NXDN® MODE (Optional)

- NXDN® Conventional & Site Roaming
- NXDN® Type-D Trunking Option
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Digital / Analog Mixed Mode
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check & Control
- GPS Combination with additional module
- Late Entry
- NXDN® Scrambler

■ ANALOG MODE

- Conventional Zones
- FleetSync®: PTT ID, Stun/Revive, Mute hold, Talk back, Selcall
- MDC-1200: PTT ID, Radio Inhibit/Unihabit, Radio Check, Emergency
- QT / DQT
- Two-Tone
- DTMF
- Built-in Voice Inversion Scrambler (per channel)
- Built-in Compander (per channel)

OPTIONAL FEATURES

- NXDN Conversion License (**KWD-1201CD**)
- NXDN Type-D Trunking License (**KWD-1202TDK**) *Requires KWD-1201CD enabled
- DMR ARC4 Enhanced Encryption (**KWD-1500EE**)
- Remote Control Command by Subscriber Units (**KWD-1501RC**)

Digital mode conversion & Type-D requires additional firmware loading after applying upgrade license.
Please download latest firmware from MyTools website > Product > Firmware

MODEL		LIST
NX-1700HDVK	136-174 MHz VHF 50W, 260 Ch / 128 Zones	577.50
NX-1800H DU K2	400-470 MHz UHF 45W, 260 Ch / 128 Zones	577.50
MOBILE INSTALLATION ACCESSORIES		LIST
KCT-60M	DB15-to-15pin Molex Adapter Cable	38.70
KCT-18	Ignition sense cable (requires KCT-60M Acc. Cable Option)	26.30
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	56.30
KMB-10	Key lock adapter	35.20
CONTROL STATION INSTALLATION ACCESSORIES		LIST
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug) Note: NOT compatible with TDMA operations	115.30
KMC-59C	Control Station Desktop Microphone (8-pin mod. plug) Note: Compatible with FDMA (analog / NXDN) and TDMA operations	255.50
KMB-34	Control Station Mounting Case for KPS-15 Power Supply and Mobiles (excludes TK-5x10/6110 series). (mobile mounting hardware included)	72.20
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	232.00
MICROPHONES AND SPEAKERS		LIST
KMC-65M	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)	69.80
KMC-66M	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	126.70
KES-8K	External speaker, 10W, 4-Ohm, 3.5mm phone plug	65.30
KES-5A	External speaker, 40W max input Note: requires KCT-60M installed.	80.30

NEXEDGE®

NX-1700HDV/1800HDU

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VHF/UHF DMR & FM Analog Mobile Radios

FleetSync® & NEXEDGE® AVL & MESSAGING

		LIST
GPS15XL-W	Garmin Internal GPS Receiver Board for DMR/FleetSync AVL Note: • Conventional operation only. • Requires GA25 MCX GPS antenna. • Refer to www.garmin.com for GPS-15XL-W technical specifications. • Option: Order L-1874 for Kenwood Long Beach installation.	175.20
GA25MCX	Garmin On-dash Style Magnetic base GPS Antenna for GPS15XL-W Note: shipped loose only; install GA25MCX antenna to GPS15XL-W before vehicle install.	83.20

SOFTWARE LICENSING & RADIO FEATURE OPTIONS**IMPORTANT:** NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- FPU & Software Applications: Software License Key Request Form- Radio Feature Licenses: Radio Feature License Keys Request Form*Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.*

Radio Features		LIST
KWD-1201CD	License Key for NXDN Conventional Conversion	49.50
KWD-1202TDK	License Key for NXDN Type-D Trunking Note: Requires KWD-1201CD (NXDN Conventional) enabled before applying NXDN Type-D Trunking license.	12.00
KWD-1500EE	License key for DMR ARC4 Enhanced Encryption Note: ARC4 Enhanced Encryption is available only in DMR mode.	39.70
KWD-1501RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	39.70

SERVICE RELATED ACCESSORIES

		LIST
KPG-46XM	USB Programming interface cable	212.30
KPG-D6NK	License Key for KPG-D6NK Programming Software for NX-1000 series portable/mobile Note: Requires KPT-300LMC for authentication	122.80

INSTALLATION / TUNING CHARGES

		LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. KPT-300LMC's History Menu will not display the Radio Features activated by Factory.	129.70
L-1873	NX-1000 Series Mobiles Programming (with basic TX/RX check) Must submit NX-x000 Series Programming Order Form upon placing order for any programming services	40.50
L-1874	Install Garmin GPS15XL-W in NX-1000 Series mobile Note: The KGS-3 & GPS15XL-W are not compatible with KGP-2A/2B AVL systems.	108.00

NEXEDGE®

NX-1700HAV/1800HAU

Table of Contents

VHF/UHF Digital Upgradeable Mobile Radios**All NX-1000 series mobiles include:**

- Standard Microphone (KMC-65M)
- Mounting Bracket
- DC Cable
- 15A Fuse
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

■ GENERAL FEATURES

- 50 W (136-174 MHz) Model
- 45 W (400-470 MHz) Model
- Analog Mode
- Option NXDN Upgrade
- Optional DMR Upgrade
- AMBE+2™ VOCODER
- 260 CH-GID / 128 Zones
- 13-Segment 10-character LCD Display
- 7-color large LED indicator
- White Backlit
- KENWOOD Audio Quality
 - 6W (max) loud audio
 - Audio Equalizer: Flat, High, or Low
 - Auto Gain Control: On, High, or Low
 - Microphone type settings
- Multiple Scan Functions
 - Dual/Single Priority Scan, Single/Multi Zone Scan, Normal Scan
- Orange-colored Emergency button
- Horn Alert and Public Address function
- Ignition Sense function
- Voice Announcement
- DB15 Accessory Interface
- Lone Worker
- Max/Min Volume Setting
- Display Customization
- Power-on LED
- Menu Mode
- MIL-STD-810 C/D/E/F/G/H
- IP-54 Water & Dust Intrusion

■ ANALOG MODE

- Conventional Zones
- FleetSync®: PTT ID, Stun/Revive, Mute hold, Talk back, Selcall
- MDC-1200: PTT ID, Radio Inhibit/Unihit, Radio Check, Emergency
- QT / DQT
- Two-Tone
- DTMF
- Built-in Voice Inversion Scrambler (per channel)
- Built-in Compander (per channel)

■ DIGITAL – NXDN® MODE (Optional)

- NXDN® Conventional & Site Roaming
- NXDN® Type-D Trunking Option
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Digital / Analog Mixed Mode
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check & Control
- GPS Combination with additional module
- Late Entry
- NXDN® Scrambler

■ DIGITAL – DMR MODE (Optional)

- DMR Tier 2 Conventional & Site Roaming
- DMR Auto Slot Select (DASS)
- 12.5 kHz Channels
- Digital / Analog Mixed Mode
- Call Interrupt
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check & Control
- Over-the-Air Alias
- GPS Combination with additional module
- Late Entry
- ARC4 Encryption Option

OPTIONAL FEATURES

- NXDN Conventional Upgrade License (**KWD-1200CAK**)
- NXDN Type-D Trunking License (**KWD-1202TDK**) *Requires KWD-1200CAK enabled
- DMR Tier 2 Conventional Upgrade License (**KWD-1300CAK**)
- DMR ARC4 Enhanced Encryption (**KWD-1500EE**) *Only applicable after DMR conversion
- Remote Control Command by Subscriber Units (**KWD-1501RC**)

Digital mode conversion & Type-D requires additional firmware loading after applying upgrade license.
Please download latest firmware from MyTools website > Product > Firmware

MODEL		LIST
NX-1700HAVK	136-174 MHz VHF 50W, 260 Ch / 128 Zones	548.30
NX-1800HAUK2	400-470 MHz UHF 45W, 260 Ch / 128 Zones	548.30
MOBILE INSTALLATION ACCESSORIES		LIST
KCT-60M	DB15-to-15pin Molex Adapter Cable	38.70
KCT-18	Ignition sense cable (requires KCT-60M Acc. Cable Option)	26.30
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	56.30
KMB-10	Key lock adapter	35.20
CONTROL STATION INSTALLATION ACCESSORIES		LIST
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug) Note: NOT compatible with TDMA operations	115.30
KMC-59C	Control Station Desktop Microphone (8-pin mod. plug) Note: Compatible with FDMA (analog / NXDN) and TDMA operations	255.50
KMB-34	Control Station Mounting Case for KPS-15 Power Supply and Mobiles (excludes TK-5x10/6110 series). (mobile mounting hardware included)	72.20
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	232.00
MICROPHONES AND SPEAKERS		LIST
KMC-65M	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)	69.80
KMC-66M	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	126.70
KES-8K	External speaker, 10W, 4-Ohm, 3.5mm phone plug	65.30
KES-5A	External speaker, 40W max input Note: requires KCT-60M installed.	80.30

NEXEDGE®

NX-1700HAV/1800HAU

Table of Contents

VHF/UHF Digital Upgradeable Mobile Radios

FleetSync® & NEXEDGE® AVL & MESSAGING

		LIST
GPS15XL-W	Garmin Internal GPS Receiver Board for FleetSync AVL Note: • Conventional operation only. • Requires GA25 MCX GPS antenna. • Refer to www.garmin.com for GPS-15XL-W technical specifications. • Option: Order L-1874 for Kenwood Long Beach installation.	175.20
GA25MCX	Garmin On-dash Style Magnetic base GPS Antenna for GPS15XL-W Note: shipped loose only; Install GA25MCX antenna to GPS15XL-W before vehicle install.	83.20

SOFTWARE LICENSING & RADIO FEATURE OPTIONS**IMPORTANT:** NX-5000/5000S/3000/3x20/1x00 series radio requires KPT-300LMC & L-5000 for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

Form is available on MyTools website > Product > Forms

- [FPU & Software Applications:](#) Software License Key Request Form
- [Radio Feature Licenses:](#) Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features		LIST
KWD-1200CAK	License Key for NXDN Conventional Upgrade	49.50
KWD-1202TDK	License Key for NXDN Type-D Trunking Note: Requires KWD-1200CAK (NXDN Conventional) enabled before applying NXDN Type-D Trunking license.	12.00
KWD-1300CAK	License Key for DMR Tier2 Conventional Upgrade	49.50
KWD-1500EE	License key for DMR ARC4 Enhanced Encryption Note: ARC4 Enhanced Encryption is available only in DMR mode.	39.70
KWD-1501RC	License Key for Remote Control by Subscriber Unit Note: - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.	39.70

SERVICE RELATED ACCESSORIES

		LIST
KPG-46XM	USB Programming interface cable	212.30
KPG-D6NK	License Key for KPG-D6NK Programming Software for NX-1000 series portable/mobile Note: Requires KPT-300LMC for authentication	122.80

INSTALLATION / TUNING CHARGES

		LIST
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. <u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>	129.70
L-1873	NX-1000 Series Mobiles Programming (with basic TX/RX check) Must submit NX-x000 Series Programming Order Form upon placing order for any programming services	40.50
L-1874	Install Garmin GPS15XL-W in NX-1000 Series mobile Note: The KGS-3 & GPS15XL-W are not compatible with KGP-2A/2B AVL systems.	108.00



NXR-1700/1800

VHF/UHF FM Analog / NXDN / DMR Repeater

Table of Contents



All NXR-1000 series repeaters include:

- Handle
- DC Power Cable*
- L-type Rack Mount Brackets (Long and short)
- Screws
- Plate to Couple 2 Repeaters
- 4x Rubber Feet
- Instruction Manual
- Premium Warranty: 2 Years**

*DC Power Cable is NOT compatible with current TKR-D and NXR-x10 model

** All Accessories / options: 1 Year



GENERAL FEATURES

■ GENERAL FEATURES

- 50 W (136-174 MHz)
- 40 W (450-520 MHz)
- 40 W (400-470 MHz)
- Light, Compact and Space-efficient
- 1.71-inch OLED with Icons and Numeric Display
- Thermal-controlled Cooling Fan
- Up to 32 Channels
- Dual Digital Protocol: DMR Tier 2 *1 / NXDN Conventional*1
- USB-A Connector for Audio Accessories
- External I/O Pin from DB25
- Non-repeat Simplex / Semi-Duplex Mode for Analog and NXDN
- Hot Standby System Redundancy
- Built-in IP Network Adapter
- Unicast and Multicast Call Routing
- SNMP Protocol
- G.711 Audio Codec (for Test Console and Third-party Applications)
- IP Remote Management (Monitor / Control / Programming / Test Console)
- Supports IP Consoles and OTAP
- Built-in SIP telephone client (Digital only)*1 *2
- IP Remote Control Interface (IPRCI)
- Enhanced Security (HTTPS)
- CW ID, Hang Timer
- Multi-site Conventional IP Network up to 16 Sites (both Digital and Analog)*1 *3
- Voting Repeater + Up to 15 Receivers (Analog / NXDN / DMR)*1 *3
- IP Conventional Networking Compatible with NXR-5000 (NXDN), legacy KT1-3 (NXDN) and KT1-5 (DMR)

■ DIGITAL – COMMON

- Built-in AMBE+2™ Vocoder
- Mixed Analog / Digital Operation
- Site Roaming with Beacon
- RF-link: NXDN*1 / DMR*1
- Repeat Encrypted Voice / Data (AES / DES / ARC4 Enhanced Encryption)
- User List / Site Group Table

■ DIGITAL – NXDN REPEATER (Optional)

- 6.25 & 12.5 kHz Channels
- NXDN Conventional*1
- NXDN Digital Voting*1 *3
- NXDN Digital Site Roaming *3
- Radio Access Control
- IP Network Voice Logging

■ DIGITAL – DMR REPEATER (Optional)

- 12.5kHz Channel
- DMR Tier 2 Conventional*1
- DMR Digital Voting*1 *3
- DMR Site Roaming *3
- Call Interruption

■ ANALOG REPEATER

- FM Conventional
- Multiple QT/DQT
- Analog Call Routing *1 *3
- Voting
- IP Console

*1: Software Option

*2: Requires firmware upgrade of terminal

*3: Requires Multi-Site Option: Available From EFJ

REPEATER		LIST
NXR-1700E	Repeater, Analog, VHF, 136-174MHz, 1-50W	2,737.30
NXR-1800E	Repeater, Analog, UHF, 450-520MHz, 1-40W	2,737.30
NXR-1800E2	Repeater, Analog, UHF, 400-470MHz, 1-40W	2,737.30
Repeater Feature		LIST
KWD-NX10DCK	License Key for DMR Tier 2 Conventional	489.20
KWD-NX10NCK	License Key for NXDN Conventional	458.30
KWD-NX10SPK	License Key for SIP Telephone Interface (NXDN and DMR only)	376.20
KWD-NX10MSK	License Key for Multi-site & RF Link	376.20
KWD-NX10VRK	Voting Repeater License	660.00
Field Programming Unit (FPU)		LIST
KPG-D7K	Repeater Programming Software	122.80
INSTALLATION / TUNING CHARGES		LIST
L-1900	Factory Activation of NXR-1x00 Feature Licenses (per Repeater) <u>Note:</u> Must purchase Repeater Feature Licenses separately. KPT-300LMC's History Menu will not display the Repeater Features activated by Factory.	129.70

Agenda Memorandum



CITY COMMISSION

Meeting Date: 5/11/26

Submitted by: Brad Brummett

Department: Public Works Department

Item Caption: The Public Works Department is seeking approval for payment of the Middle Creek Lift Station force main break bypass pump and piping installation/rental as follows: (1) the monthly rental period from 04/10/26 - 05/10/26 of \$11,085.00, and (2) the continued use of the necessary pump and piping system for an extended period up to and not to exceed six months at \$11,085.00 per month. The total extended usage of this bypass pump and piping system could potentially be \$66,510.00.



Attachments: Subject MEMO



Action Requested: Recommend Approval



Financial Summary

☐

Budgeted Expense

Account Details:

☒

Unbudgeted Expense

Details: This is for the Middle Creek Lift Station force main break resulting in the need for temporary bypass pump and piping installation and rental until permanent repairs can be completed.

☐

Not Applicable



Brad Brummett
Assistant Utilities Director
City of Pigeon Forge
PO Box 1350
Pigeon Forge, TN 37868-1350
Mobile Phone: 865-621-4407
Email: brad.brummett@cityofpigeonforgetn.gov

SUBJECT: Middle Creek Lift Station Force Main Break (Extended Usage)

A break in the Middle Creek Force Main was discovered on 11/14/2025 that resulted in an overflow to Middle Creek near Jayell Road and Veterans Boulevard. It was determined that a temporary pump and piping system would be required until permanent repairs could be made. Estimates were received from Mersino outlying a \$11,085.00 monthly rental fee. At the 01/16/2026 Council meeting, Council approved payment for the 12/19/2025 - 1/19/2026 rental period and additional rental period(s) extending up to three additional months.

The Public Works Department is asking for Councils approval for the continued use of the necessary pump and piping system for an additional extended period up to and not to exceed six months at a \$11,085.00 monthly rental fee. The total extended usage of this bypass pump and piping system could potentially be \$66,510.00.

Contractors are currently working on the road bore and force main repairs and are scheduled to be complete by the end of June 2026.

900 N Squirrel Rd Auburn Hills, Michigan, 48326 United States

Invoicing Address

City of Pigeon Forge
3221 Rena St
PO BOX 1350
Pigeon Forge TN 37863
United States

City of Pigeon Forge

3221 Rena St
PO BOX 1350
Pigeon Forge TN 37863
United States
EIN: 62-0677423

Shipping Address

City of Pigeon Forge, 63726 - Project Address
2021 Middle Creek Road
Pigeon Forge TN 37863
United States

Project # 63726 - Order # S23369

Order Date

04/07/26

Salesperson

Tim Walker
+1 865-724-7498
timothy.walker@mersino.com

Pricing

Rental Pricing

Quantity	Name	Unit Price	Period	Subtotal
1.0	BYPASS SYSTEM RENTAL (8" UNIT)	\$ 11,085.00	Month	\$ 11,085.00

Total amount with all taxes

Untaxed Amount \$ 11,085.00

Total per period \$ 11,085.00

900 N Squirrel Rd Auburn Hills, Michigan, 48326 United States

Equipment List		
Name	Quantity	Shift
8" GLOBAL HIGH-PERFORMANCE TRASH PUMP	1.0	Single
12" FLANGE X 8" FL ECCENTRIC REDUCER	1.0	
12" X 10' QD CRIMPED SUCT HOSE	2.0	
12" X 10' FLANGED COMPOSITE HP HOSE	2.0	
12" FQD X FLANGE	1.0	
12" FQD X FLANGE ON PUMP		
12" MQD X FLANGE	1.0	
12" MQD X FLANGE SEWER STRAINER		
8" X 20' FLANGED COMPOSITE HP HOSE	1.0	
8" CHECK VALVE X FLANGE	1.0	
12" FLANGE X 8" FLANGE REDUCER	1.0	
12" HDPE PIPE - DC	513.0	
12" HDPE FLANGE ADPT & BACK RING	2.0	
12" X 20' FLANGED COMPOSITE HP HOSE	4.0	
SOLAR STAND FOR MESSENGER UNIT	1.0	
6" FLANGE HDPE BOLT KIT	3.0	
12" FLANGE HDPE BOLT KIT	10.0	
2" AIR VENT COMBO AIR VALVE (SEWAGE)	1.0	
2" BALL VALVE X FNPT BRASS	1.0	
2" FEM CAM X MNPT	2.0	
2" MALE CAM X MNPT	1.0	
2" MALE CAM X FNPT	1.0	
FLOAT ASSY - START/STOP - TWO 50' FLOATS	1.0	

TERMS & CONDITIONS

Terms & Conditions: <https://mersino.odoo.com/terms>

900 N Squirrel Rd Auburn Hills, Michigan, 48326 United States

Authorized Signature and Title	Date
Printed Name	

Agenda Memorandum



CITY COMMISSION

Meeting Date: 5/11/26

Submitted by: Rob Ogle

Department: Information Technology

Item Caption:

I recommend the budgeted purchase of one DELL POWEREDGE R660 SERVER from Insight Public Sector utilizing the OMNIA Partners Contract #4400006644 in amount of \$27075.63.



Attachments:



Action Requested: Recommend Approval



Financial Summary



Budgeted Expense

Account Details: 945-05



Unbudgeted Expense

Details:



Not Applicable

Account name: 10379897

CITY OF PIGEON FORGE
PO BOX 1350
PIGEON FORGE TN 37868-1350

SHIP-TO

CITY OF PIGEON FORGE
ACCOUNTS PAYABLE
225 PINE MOUNTAIN RD
PIGEON FORGE TN 37863-3321

We deliver according to the following terms:

Payment Terms : Net 30 days
Ship Via : Insight Assigned Carrier/Ground
Terms of Delivery : FOB DESTINATION
Currency : USD

Pricing good through May 6, 2026.

Quotation

Quotation Number : [0229395115](#)
Document Date : 23-APR-2026
PO Number :
PO Release :
Sales Rep : Ashley McDonald
Email : ASHLEY.MCDONALD@INSIGHT.COM
Phone : +18004674448
Sales Rep 2 : Janine Mackey
Email : JANINE.MACKEY@INSIGHT.COM
Phone : +18136377044

Material	Material Description	Quantity	Unit Price	Extended Price
3000201699133	DELL POWEREDGE R660 SERVER INTEL XEON 4510 2.4G, 12C/24T, 16GT/S, 30M CACHE, TURBO, HT (150W) DDR5-4400 ,(2) 128GB RDIMM, 6400MT/S, 480GB SSD SATA READ INTENSIVE 512E 2.5IN HOT-PLUG AG DRIVE, 1 DWPD OMNIA PARTNERS (COBB COUNTY) IT PRODUCTS AND SERVICES(# 23-6692-03) List Price: 33380.99 Discount: 18.889%	1	27,075.63	27,075.63
Product Subtotal				27,075.63
TAX				0.00
Total				27,075.63

Thank you for choosing Insight. Please contact us with any questions or for additional information about Insight's complete IT solution offering.

Sincerely,

Ashley McDonald
+18004674448
ASHLEY.MCDONALD@INSIGHT.COM
Fax +14807608991

Janine Mackey
+18136377044
JANINE.MACKEY@INSIGHT.COM

To purchase under this contract, your agency must be registered with OMNIA Partners Public Sector.

Insight Global Finance has a wide variety of flexible financing options and technology refresh solutions. Contact your Insight representative for an innovative approach to maximizing your technology and developing a strategy to manage your financial options.

This purchase is subject to Insight's online Terms of Sale unless you are purchasing under an Insight Public Sector, Inc. contract vehicle, in which case, that agreement will govern.

SOFTWARE AND CLOUD SERVICES PURCHASES: If your purchase contains any software or cloud computing offerings ("Software and Cloud Offerings"), each offering will be subject to the applicable supplier's end user license and use terms ("Supplier Terms") made available by the supplier or which can be found at the "terms-and-policies" link below. By ordering, paying for, receiving or using Software and Cloud Offerings, you agree to be bound by and accept the Supplier Terms unless you and the applicable supplier have a separate agreement which governs.

Insight's online Terms of Sale can be found at the "terms-and-policies" link below.

<https://www.insight.com/terms-and-policies>

Agenda Memorandum



CITY COMMISSION

Meeting Date: 5/11/26

Submitted by: Rob Ogle

Department: Information Technology

Item Caption:

I recommend the budgeted purchase of Pure Storage Flash Array//RC20 - Flash Storage Array with 3-year Support Subscription from Insight Public Sector utilizing the OMNIA Partners Contract #4400006644 in amount of \$121,190.50.



Attachments:



Action Requested: Recommend Approval



Financial Summary



Budgeted Expense

Account Details: 945-07



Unbudgeted Expense

Details:



Not Applicable

Account name: 10379897

CITY OF PIGEON FORGE
PO BOX 1350
PIGEON FORGE TN 37868-1350

SHIP-TO

CITY OF PIGEON FORGE
ACCOUNTS PAYABLE
225 PINE MOUNTAIN RD
PIGEON FORGE TN 37863-3321

We deliver according to the following terms:

Payment Terms : Net 30 days
Ship Via : Insight Assigned Carrier/Ground
Terms of Delivery : FOB DESTINATION
Currency : USD

The products and services contained in this quote are governed by the Pure Storage End User Agreement, which may be found here:
<https://www.purestorage.com/content/dam/pdf/en/legal/pure-enduser-agreement.pdf>

Quotation

Quotation Number : [0229394252](#)
Document Date : 23-APR-2026
PO Number : PURE STORAGE - 3 YR
PO Release :
Sales Rep : Ashley McDonald
Email : ASHLEY.MCDONALD@INSIGHT.COM
Phone : +18004674448
Sales Rep 2 : Brenda Burton
Email : BRENDA.BURTON@INSIGHT.COM
Phone : +15097422350

This is a 3-year quote to be billed upfront and in full. By issuing Insight a PO for the items listed in this quote, you agree to be bound by any applicable vendor terms.

Material	Material Description	Quantity	Unit Price	Extended Price
FARC20148TB8X186TB	Pure Storage FlashArray//RC20 - flash storage array OMNIA PARTNERS (COBB COUNTY) IT PRODUCTS AND SERVICES(# 23-6692-03) List Price: 76937.99 Discount: 15.830%	1	64,758.89	64,758.89
FARC20148TBASPL-OC	FA-RC20- 148TB ASP L1/L2 1 MONTH // RC20 //R SUPPORT SUBSCRIPTION, NBD DELIVERY, 24/7 SUPPORT OMNIA PARTNERS (COBB COUNTY) IT PRODUCTS AND SERVICES(# 23-6692-03) List Price: 1452.99 Discount: 20.471%	36	1,155.55	41,599.80
FACNTRL10GBASET2PO	Pure Storage - network adapter - 10Gb Ethernet x 2 OMNIA PARTNERS (COBB COUNTY) IT PRODUCTS AND SERVICES(# 23-6692-03) List Price: 1295.99 Discount: 12.512%	4	1,133.83	4,535.32
PS-DP-FAINST00	Pure Storage - installation OMNIA PARTNERS (COBB COUNTY) IT PRODUCTS AND SERVICES(# 23-6692-03) List Price: 12944.99 Discount: 20.460%	1	10,296.49	10,296.49

Product Subtotal	69,294.21
Services Subtotal	51,896.29
TAX	0.00
Total	121,190.50

Thank you for choosing Insight. Please contact us with any questions or for additional information about Insight's complete IT solution offering.

Sincerely,

Ashley McDonald
+18004674448
ASHLEY.MCDONALD@INSIGHT.COM
Fax +14807608991

Brenda Burton
+15097422350
BRENDA.BURTON@INSIGHT.COM

To purchase under this contract, your agency must be registered with OMNIA Partners Public Sector.

Insight Global Finance has a wide variety of flexible financing options and technology refresh solutions. Contact your Insight representative for an innovative approach to maximizing your technology and developing a strategy to manage your financial options.

This purchase is subject to Insight's online Terms of Sale unless you are purchasing under an Insight Public Sector, Inc. contract vehicle, in which case, that agreement will govern.

SOFTWARE AND CLOUD SERVICES PURCHASES: If your purchase contains any software or cloud computing offerings ("Software and Cloud Offerings"), each offering will be subject to the applicable supplier's end user license and use terms ("Supplier Terms") made available by the supplier or which can be found at the "terms-and-policies" link below. By ordering, paying for, receiving or using Software and Cloud Offerings, you agree to be bound by and accept the Supplier Terms unless you and the applicable supplier have a separate agreement which governs.

Insight's online Terms of Sale can be found at the "terms-and-policies" link below.

<https://www.insight.com/terms-and-policies>

Agenda Memorandum



CITY COMMISSION

Meeting Date: 5/11/26

Submitted by: David W Wear

Department: Office of City Manager

Item Caption: Recommend acceptance of an annual grant from Appalachia HIDTA for \$19,000. There is no matching portion. The funds are used for qualified overtime expenses in the police department.



Attachments: 13



Action Requested: Recommend Approval



Financial Summary

☐

Budgeted Expense

Account Details:

☐

Unbudgeted Expense

Details:

☒

Not Applicable



City Manager
City of Pigeon Forge
3221 Rena Street
P.O. Box 1350
Pigeon Forge, TN 37868

Dear City Manager:

We are pleased to inform you that the CY 2026 Appalachia HIDTA Subaward Agreement is ready for your review and signature.

The original Subaward Agreement for CY 2026 and the subaward conditions are enclosed. By accepting this subaward, you assume the administrative and financial responsibilities outlined in the enclosed Subaward Conditions. Should your organization not adhere to these terms and conditions, Appalachia HIDTA may terminate the grant for cause or take other administrative action.

Also enclosed you will find a copy of your agency's CY 2026 HIDTA budget and information regarding the AHIDTA Reimbursement Form LC-07.

If you accept this subaward, **please sign and date both the Subaward Agreement on page 1 and the Subaward Conditions on page 11 and return via email or regular mail to the following:**

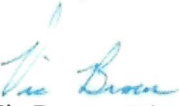
Email: Finance@ahidta.org

**Mail: Finance Department
Attn: Kelly Hylton
Appalachia HIDTA
400 South Main Street, 3rd Floor
London, KY 40741**

Please return the completed Subaward Agreement as soon as possible.

If you have questions, please feel free to call. Remember that we are always here to assist you, and we look forward to working with your agency.

Sincerely,


Vic Brown, Director
Appalachia HIDTA

Encl.

SUBAWARD CONDITIONS

1. **PURPOSE:** This agreement is entered into by and between the City of Pigeon Forge (hereinafter referred to as "Subrecipient") and the Financial Commission for Appalachia High Intensity Drug Trafficking Area (hereinafter referred to as "Financial Commission"). The Subrecipient has been selected by and agrees to accept funds awarded from the United States Office of National Drug Control Policy (hereinafter referred to as "ONDCP") and Financial Commission pursuant to this subaward agreement. The funds will be administered by the Financial Commission and the HIDTA Assistance Center on behalf of ONDCP. The purpose of this agreement is to clarify the conditions under which the funds are to be accepted, and may be used, by the Subrecipient and to outline the responsibilities of the participating parties.
2. **AUDIT READINESS AND COMPLIANCE:** The Subrecipient agrees to maintain appropriate and detailed records of its receipt and use of the funds, in accordance with the generally accepted accounting principles applying to government agencies. The Subrecipient understands that it may be subject to audit by the Appalachia HIDTA, Laurel County Fiscal Court (Financial Commission), agencies of the United States of America, and/or any other applicable agency and agree to fully cooperate with any or all of those entities in the event of inquiry or audit. The Subrecipient further agrees to maintain an inventory control system to account for all expenditures of these funds, in accordance with the policies of, and procedures required by, the Appalachia HIDTA.
3. **STANDARDS AND GUIDELINES:** The Subrecipient acknowledges receipt and understanding of the HIDTA Program Policy and Budget Guidance produced by ONDCP as well as other guidelines that have been, or will be, approved by the Executive Board, and agrees to abide by them. The Subrecipient further agrees to comply with the terms of the Office of Management and Budget's "Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards", as well as all relevant state, county and municipal financial and accounting rules, regulations, standards and guidelines. Subrecipient further agrees to abide by all regulations and guidelines governing the use of ONDCP funds distributed for the purchase of evidence or information ("PEPI" Funds).
4. **PUBLIC RECORDS COMPLIANCE:** The Subrecipient agrees to comply with the provisions of Chapter 61.870, Kentucky Statutes, entitled "Public Records", as well as any other public record statutes that may be applicable to the Subrecipient's jurisdiction.
5. **ROLE OF THE FINANCIAL COMMISSION FOR APPALACHIA HIDTA:** The Subrecipient understands that the role of the Financial Commission for Appalachia HIDTA is limited to disbursing ONDCP funds per the instructions of the Appalachia HIDTA, through its designated representative, and/or the HIDTA Assistance Center staff. The Subrecipient understands that it may not bind or commit the HIDTA Assistance Center or Financial Commission for Appalachia HIDTA contractually, or act as an agent for either entity in any way.
6. **TERMINATION, SUSPENSION OR DELAY:** The Subrecipient agrees that the HIDTA Assistance Center and the Financial Commission for the Appalachia HIDTA have the right to terminate, suspend or delay any payment to Subrecipient if the payment request clearly fails to meet Financial Commission budgetary guidelines. In the event that the HIDTA Assistance Center and/or Financial Commission deem such an act necessary, the HIDTA Director and the Subrecipient shall be notified within three business days of the decision. The Director shall then make a determination regarding whether to continue the termination, suspension or delay of the payment. The Financial Commission shall act according to the directive of the Director and/or the Executive Board regarding the payment. The Subrecipient agrees that it shall have no cause of action or legal claim whatsoever against the HIDTA Assistance Center or the Financial Commission for Appalachia HIDTA in the event either decides to exercise its rights under this agreement.
7. **CONDITIONS OF SIGNATURES:** It is expressly understood and agreed that the agency representative's signature in execution of this Agreement does not alter or constitute a waiver in whole or part of any of the privileges or immunities otherwise enjoyed by any of the units of Government that are parties hereto. Parties agree that the signatures of Jackie Steele and/or J. L. Albright, are placed on this document in their official capacities as Financial Commissioners for HIDTA only, and this agreement constitutes an obligation only to the extent that there is money available from a grant for payment and for all other purposes shall be of no force and effect. These signatures do not to any extent bind or obligate Jackie Steele and/or J. L. Albright or Laurel County, Kentucky, to any extent, except to the extent grant funds are available, and then only from said funds.

8. **LEGAL ACTION:** Any and all suits or any legal action naming Appalachia HIDTA and/or Financial Commission for Appalachia HIDTA as a party; and, relating to this agreement shall be instituted and prosecuted in the appropriate Court of the Commonwealth of Kentucky or United States District Court, Eastern District of Kentucky and each party hereto waives the right to a change in venue and jurisdiction. This agreement shall in all respects be interpreted and construed in accordance with and governed by the laws of the Commonwealth of Kentucky regardless of place of its execution or performance.
9. **DECONFLICTION:** All officers from your agency that are assigned to an AHIDTA initiative shall use the AHIDTA's Investigative Support Center for event and case/subject deconfliction of all AHIDTA enforcement activities.
10. **SUPPLEMENTAL AGREEMENTS ATTACHED:** The Subrecipient acknowledges the following documents are attached to this agreement and that the policies set forth therein are acceptable to the Subrecipient and considered an integral portion of the Subaward Agreement.

Documents are as follows:

- A. General Terms and Conditions
- B. Recipient Integrity and Performance Matters
- C. Program Specific Terms and Conditions
- D. Certifications Regarding Lobbying, Debarment, Suspension and Other Responsibility Matters; Drug-Free Workplace Requirements; Federal Debt Status, and Nondiscrimination Status and Implementing Regulations

11. **REQUESTS FOR REIMBURSEMENT AND CLOSEOUT OF SUBAWARD:**

Requests for reimbursements should be submitted for processing on a monthly basis and no more than on a quarterly basis. The requests should be submitted no later than 30 days past the end of the month or quarter. Final reimbursements for each calendar year are due 60 days after the end of the year (February 28). Any reimbursements submitted past the February 28 deadline will not be reimbursed.

All reimbursement requests must be submitted on the AHIDTA reimbursement form (LC-07). The LC-07 form and LC-07 instructions sheet are maintained on the AHIDTA website www.ahidta.org. Information regarding the submittal process for requests of reimbursement can be found on the instructions sheet.

This subaward is considered closed after this final payment has been made. Any remaining balance in the subaward at that time will be released to the AHIDTA program to be reallocated per guidance from the AHIDTA Executive Board.

12. **PAYMENT METHOD:**

All payments will be made via Electronic Funds Transfer (also referred to as ACH Direct Deposit) to the subrecipient's bank account.

13. **LAW ENFORCEMENT OVERTIME REIMBURSEMENT:**

The overtime limit for the Appalachia HIDTA program is \$19,000 per officer per calendar year. Appalachia HIDTA further limits overtime reimbursement to \$4,000 per officer, per month without prior approval from the State Coordinator in your respective state.

Be advised, overtime reimbursement from all Federal sources cannot exceed the lower of: (1) applicable state, local, and tribal regulations of officer's parent agency; or (2) 25% of the Federal GS-12, Step 1 level pay scale for "Rest of US" in the law enforcement general schedule in effect at the beginning of the calendar year. This overtime rate is the maximum that an officer can receive during the calendar year, fiscal year or other 12-month period from all Federal funding sources combined.

Appalachia HIDTA allocates overtime funding each calendar year based on full-time task force officer positions. If your agency has been awarded overtime funding for such a position, and the position goes unfilled for six consecutive months, Appalachia HIDTA may terminate the position and the funding will no longer be available for reimbursement. Overtime budgets may not be reprogrammed or transferred after September 30th.

14. NATIONAL DEFENCE AUTHORIZATION ACT (NDAA)

This subaward is subject to NDAA rules.

Effective January 3, 2020, Section § 889(b)(2) of the John McCain National Defense Authorization Act (NDAA) for FY 2019 prohibits executive agencies that administer loan or grant programs from permitting their funds to be used to purchase certain telecommunications and video surveillance equipment and services produced by certain Chinese entities. This applies to Executive Branch agencies like the Office of National Drug Control Policy (ONDCP) and Federal grantees, including the High Intensity Drug Trafficking Areas (HIDTA) Program.

The purpose of this legislation is to reduce the vulnerabilities of Federal agencies and their grantees to foreign interference in technology, data, and operations that rely on telecommunications or video surveillance. The covered telecommunications equipment or services include equipment manufactured or services provided by the following Chinese entities, and their subsidiaries or affiliates:

- Huawei Technologies Company
- ZTE Corporation
- Hytera Communications Corporation
- Hangzhou Hikvision Digital Technology Company
- Dahua Technology Company

Types of prohibited items include (but are not limited to) equipment that can be used to route or redirect user data traffic or permit visibility into any user data or packets that the equipment transmits or otherwise handles. Prohibitions also include telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Any item purchased with HIDTA funds must be in compliance with NDAA. AHIDTA will not purchase or reimburse an agency for items found to not be in compliance with NDAA.

A. General Terms and Conditions

1. This award is subject to The Uniform Administrative Requirements, Cost Principles, and Audit Requirements in 2 C.F.R. Part 200 (the "Part 200 Uniform Requirements"), as adopted and implemented by the Office of National Drug Control Policy (ONDCP) in 2 C.F.R. Part 3603. For this award, the Part 200 Uniform Requirements supersede, among other things, the provisions of 28 C.F.R. Parts 66 and 70, as well as those of 2 C.F.R. Parts 215, 220, 225, and 230.

For more information on the Part 200 Uniform Requirements, see <https://www.ecfr.gov/current/title-2/subtitle-A/chapter-II/part-200>. For specific, award-related questions, recipients should contact Financial Commission for Appalachia HIDTA promptly for clarification.
2. This award is subject to the following additional regulations and requirements:
 - 28 C.F.R. § 69 - "New Restrictions on Lobbying"
 - 2 C.F.R. § 25 - "Universal Identifier and System of Award Management"
 - Conflict of Interest and Mandatory Disclosure Requirements
 - Non-profit Certifications (when applicable)
3. Audits conducted pursuant to 2 CFR Part 200, Subpart F, "Audit Requirements" must be submitted no later than 9 months after the close of the grantee's audited fiscal year to the Federal Audit Clearinghouse at <https://harvester.census.gov/facweb/>.
4. The recipient gives the awarding agency, through any authorized representative, access to, and the right to examine, all paper or electronic records related to the grant.
5. Recipients of HIDTA funds are not agents of ONDCP. Accordingly, the grantee, its fiscal agent(s), employees, contractors, as well as state, local, and Federal participants, either on a collective basis or on a personal level, shall not hold themselves out as being part of, or representing, the Executive Office of the President or ONDCP.
6. Failure to adhere to the General Terms and Conditions as well as the Program Specific Terms and Conditions may result in the termination of the grant or the initiation of administrative action. ONDCP may also terminate the award if it no longer effectuates program goals or agency priorities. See 2 CFR 200.340.
7. Conflict of Interest and Mandatory Disclosures

A. Conflict of Interest Requirements

As a non-Federal entity, you must follow ONDCP's conflict of interest policies for federal awards. Recipients must disclose in writing any potential conflict of interest to an ONDCP Program Officer; recipients that are pass-through entities must require disclosure from sub-recipients or contractors. This disclosure must take place immediately whether you are an applicant or have an active ONDCP award.

The ONDCP conflict of interest policies apply to sub-awards as well as contracts, and are as follows:

- i. As a non-Federal entity, you must maintain written standards of conduct covering conflicts of interest and governing the performance of your employees engaged in the selection, award, and administration of sub-awards and contracts.
- ii. None of your employees may participate in the selection, award, or administration of a sub-award or contract supported by a federal award if he or she has a real or apparent conflict of interest. Such a conflict of interest would arise when the employee, officer, or agent, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of the parties indicated herein, has a financial or other interest in or a tangible personal benefit from an organization considered for a sub-award or contract. The officers, employees, and agents of the non-Federal entity must neither solicit nor accept gratuities, favors, or anything of monetary value from sub-recipients or contractors or parties to sub-awards or contracts.

- iii. If you have a parent, affiliate, or subsidiary organization that is not a state, local government, or Indian tribe, you must also maintain written standards of conduct covering organizational conflicts of interest. Organizational conflicts of interest means that because of relationships with a parent company, affiliate, or subsidiary organization, you are unable or appear to be unable to be impartial in conducting a sub-award or procurement action involving a related organization.

B. Mandatory Disclosure Requirement

As a non-Federal entity, you must disclose, in a timely manner, in writing to ONDCP and the Financial Commission for Appalachia HIDTA all violations of Federal criminal law involving fraud, bribery or gratuity violations potentially affecting the Federal award. Non-Federal entities that have received a Federal award that includes the term and condition outlined in 200 CFR Part 200, Appendix XII "Award Term and Condition for Recipient Integrity and Performance Matters," are required to report certain civil, criminal, or administrative proceedings to SAM, currently the Federal Award Performance and Integrity Information System. Failure to make required disclosures can result in any of the remedies described in § 200.339. (See also 2 C.F.R. § 180, 31 U.S.C. § 3321, and 41 U.S.C. § 2313.)

None of the funds appropriated or otherwise made available by this grant or any other Act may be used to fund a contract, grant, or cooperative agreement with an entity that requires employees or contractors of such entity seeking to report fraud, waste, or abuse to sign internal confidentiality agreements or statements prohibiting or otherwise restricting such employees or contractors from lawfully reporting such waste, fraud or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information. This limitation shall not contravene requirements applicable to Standard Form 312, Form 4414, or any other form issued by a Federal department or agency governing the nondisclosure of classified information.

8. Federal Funding Accountability and Transparency FFATA/DATA Act Compliance. Each applicant is required to (i) Be registered in the System for Award Management (SAM) (ii) provide a valid UEI number on the subaward agreement; (iii) continue to maintain an active SAM registration with current information at all times during which it has an active Federal award; and (iv) provide all relevant grantee information required for ONDCP to collect for reporting related to FFATA and DATA Act requirements.
9. Recipients must comply with the Government-wide Suspension and Debarment provision set forth at 2 CFR Part 180.
10. As specified in 2 CFR 200.303 Internal Controls, recipient must:
 - a) Establish and maintain effective internal controls over the federal award that provides reasonable assurance that federal award funds are managed in compliance with federal statutes, regulations and award terms and conditions. These internal controls should be in compliance with the guidance in "Standards for Internal Control in the federal Government," issued by the Comptroller General of the United States and the "Internal Control Integrated Framework," issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).
 - b) Comply with federal statutes, regulations, and the terms and conditions of the Federal awards.
 - c) Evaluate and monitor the non-federal entity's compliance with statute, regulations, and the terms and conditions of the federal award.
 - d) Take prompt action when instances of noncompliance are identified, including noncompliance identified in audit findings.
 - e) Take reasonable measures to safeguard protected personally identified information (PII) and other information ONDCP and/or the Financial Commission for Appalachia HIDTA designates as sensitive or the non-federal entity considers sensitive consistent with applicable federal, state, and local laws regarding privacy and obligations of confidentiality.

11. Recipients are prohibited from using Federal grant funds to purchase certain telecommunication and video surveillance services or equipment in alignment with §889 of the National Defense Authorization Act of 2019, Pub. L. No. 115-232. See 2 C.F.R. § 200.216. See also, HIDTA PPBG, § 7.20, Prohibited Uses of HIDTA Funds.
12. Grantees should provide a preference, to the extent permitted by law, to maximize use of goods, products, and materials produced in the United States. See 2 C.F.R. § 200.322.
13. When issuing statements, press releases, requests for proposals, bid solicitations and other documents describing projects or programs funded in whole or in part with Federal money, all grantees receiving Federal funds included in this Act, shall clearly state—
 - a) the percentage of the total costs of the program or project which will be financed with federal money;
 - b) the dollar amount of Federal funds for the project or program; and
 - c) percentage and dollar amount of the total costs of the project or program that will be financed by non-governmental sources.

B. Recipient Integrity and Performance Matters

Reporting of Matters Related to Recipient Integrity and Performance

1. General Reporting Requirement

If the total value of your currently active grants, cooperative agreements, and procurement contracts from all Federal awarding agencies exceeds \$10,000,000 for any period of time during the period of performance of this Federal award, then you as a recipient during that period of time must maintain and report current information to the System for Award Management (SAM) that is made available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)) about civil, criminal, or administration proceedings described in paragraph 2 of this award term and condition (below). This is a statutory requirement under section 872 of Public Law 110-417, as amended (41 U.S.C. 2313). As required by section 3010 of Public Law 111-212, all information posted in the designated integrity and performance system on or after April 15, 2011, except past performance reviews required for Federal procurement contracts, will be publicly available. See 2 C.F.R. Part 200, Appendix XII.

2. Proceedings About Which You Must Report

Submit the information required about each proceeding that:

- a. Is in connection with the award or performance of a grant, cooperative agreement, or procurement contract from the Federal Government;
- b. Reached its final disposition during the most recent 5 year period; and
- c. Is one of the following:
 - (1) A criminal proceeding that resulted in a conviction, as defined in paragraph 5 of this award term and condition;
 - (2) A civil proceeding that resulted in a finding of fault and liability and payment of a monetary fine, penalty, reimbursement, restitution, or damages of \$5,000 or more;
 - (3) An administrative proceeding, as defined in paragraph 5 of this award term and condition, that resulted in a finding of fault and liability and your payment of either a monetary fine or penalty of \$5,000 or more or reimbursement, restitution, or damages in excess of \$100,000; or
 - (4) Any other criminal, civil, or administrative proceeding if:
 - (i) It could have led to an outcome described in paragraph 2.c.(1), (2), or (3) of this award term and condition;
 - (ii) It had a different disposition arrived at by consent or compromise with an acknowledgment of fault on your part; and
 - (iii) The requirement in this award term and condition to disclose information about the proceeding does not conflict with applicable laws and regulations.

3. *Reporting Procedures*

Enter in the SAM Entity Management area the information that SAM requires about each proceeding described in paragraph 2 of this award term and condition. You do not need to submit the information a second time under assistance awards that you received if you already provided the information through SAM because you were required to do so under Federal procurement contracts that you were awarded.

4. *Reporting Frequency*

During any period of time when you are subject to the requirement in paragraph 1 of this award term and condition, you must report proceedings information through SAM for the most recent 5-year period, either to report new information about any proceeding(s) that you have not reported previously or affirm that there is no new information to report. Recipients that have Federal contract, grant, and cooperative agreement awards with a cumulative total value greater than \$10,000,000 must disclose semiannually any information about the criminal, civil, and administrative proceedings.

5. *Definitions*

For purposes of this award term and condition:

- a. Administrative proceedings means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (e.g., Securities and Exchange Commission Administrative proceedings, Civilian Board of Contract Appeals proceedings, and Armed Services Board of Contract Appeals proceedings). This includes proceedings at the Federal and State level but only in connection with performance of a Federal contract or grant. It does not include audits, site visits, corrective plans, or inspection of deliverables.
- b. Conviction, for purposes of this award term and condition, means a judgment or conviction of a criminal offense by any court of competent jurisdiction, whether entered upon a verdict or a plea, and includes a conviction entered upon a plea of nolo contendere.
- c. Total value of currently active grants, cooperative agreements, and procurement contracts includes—
 - (1) Only the Federal share of the funding under any Federal award with a recipient cost share or match; and
 - (2) The value of all expected funding increments under a Federal award and options, even if not yet exercised.

C. Program Specific Terms and Conditions

The following special conditions are incorporated into this award document.

1. This award is subject to the requirements in the SUPPORT for Patients and Communities Act, 21 U.S.C. § 1701 et seq. and in the ONDCP National HIDTA Program Office HIDTA Program Policy and Budget Guidance (September 9, 2021) (PPBG). The HIDTA PPBG is issued pursuant to authority granted the Director of ONDCP by the SUPPORT for Patients and Communities Act (21 U.S.C. § 1706) and the Uniform Administration Requirements (2 C.F.R. § 200) which provide the Director of ONDCP authority to coordinate funds and implement oversight and management function with respect to the HIDTA Program. The HIDTA PPBG can be accessed at the following website:
https://www.nhac.org/PDF/Program_Policy_and_Budget_Guidance2021.pdf
In addition, as a condition for receiving this award, recipients must complete safe and healthy workplace trainings as outlined in the PPBG.

OFFICE OF NATIONAL CONTROL POLICY

D. CERTIFICATIONS REGARDING LOBBYING, DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS; DRUG-FREE WORKPLACE REQUIREMENTS; FEDERAL DEBT STATUS, AND NONDISCRIMINATION STATUS AND IMPLEMENTING REGULATIONS

Instructions for the certifications

General Requirements

The Office of National Drug Control Policy (ONDCP) is required to obtain from all applicants certifications regarding federal debt status, debarment and suspension, and a drug-free workplace. Applicants requesting monies greater than \$100,000 in grants funds must also certify regarding lobbying activities and may be required to submit a "Disclosure of Lobbying Activities" (Standard Form LLL). Institutional applicants are required to certify that they will comply with the nondiscrimination statutes and implementing regulations.

Applicants should refer to the regulations cited below to determine the certifications to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature of the form provides for compliance with certification requirements under 21 CFR part 1405, "New Restrictions on Lobbying" and 21 CFR part 1414, Government wide Debarment and Suspension. (Non procurement), Certification Regarding Federal debt Status (OMB Circular A-129), and Certification Regarding the Nondiscrimination Statutes and Implementing Regulations. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Office of National Drug Control Policy determines to award the covered cooperative agreement.

1. LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented in 21 CFR part 1405, for persons entering into a cooperative agreement over \$100,000, as defined at 21 CFR Part 1405, the applicant certifies that:

- (a) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the making of any Federal grant, the entering into continuation, renewal, amendment, or modification of any Federal grant or cooperative agreement;
- (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal Grant or cooperative agreement, the undersigned shall complete and submit Standard Form -LLL, "Disclosure of Lobbying Activities," in accordance with its instructions;

- (c) The undersigned shall require that the language of this certification be included in the award document for all subawards at all tiers (including subgrants, contracts under grants and cooperative agreements, and subcontracts) and that all subrecipients shall certify and disclose accordingly.

2. DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTER (DIRECT RECIPIENT)

As required by Executive Order 12549, Debarment and Suspension and implemented at 21 CFR Part 1404, for prospective participants in primary covered transactions.

A. The applicant certifies that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three-year period preceding this application been convicted of or and a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State, or local) transaction or contract under a public transaction violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) terminated for cause or default; and

B. Where the applicant is unable to certify to any of the statements in this certification. He or she shall attach an explanation to the application.

3. DRUG-FREE WORKPLACE (GRANTEES OTHER THAN INDIVIDUALS)

As required by the Drug-Free Workplace Act of 1988, and implemented at 21 CFR Part 1404 Subpart F.

A. The applicant certifies that it will or will continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the applicant's workplace and specifying the actions that will be taken against employees for violations of such prohibition;
- (b) Establishing an on-going drug-free awareness program to inform employees about

- (1) The dangers of drug abuse in the workplace;
- (2) The applicant's policy of maintaining a drug-free workplace;
- (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
- (4) The penalties that may be imposed upon employees for drug abuse violation occurring in the workplace;

- (a) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (b) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will

- (1) Abide by the terms of the statement; and
- (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction:

- (c) Notifying the agency, in writing, within 10 calendar days of receiving notice under subparagraph (d)(2) form an employee or otherwise receiving actual notice of such convictions. Employers of convicted employees must provide notice including position title to: The Assistance Center, 11200 NW 20 Street, Suite 100, Miami, Florida 33172. Notice shall include identification number of each affected grant;

- (d) Taking one of the following actions within 30 calendar days of receiving notice under subparagraph (d) (2), with respect to any employee who is so convicted.

- (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
- (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (e) Making a good faith effort to continue to maintain a drug-free free workplace through implementation of paragraphs (a), (b), (c), (d), (e), and (f).

- A. The applicant may insert in the space provided below the site(s) for the performance of work done in connection with the specific cooperative agreement:

Agency Name – City of Pigeon Forge

Place of performance (street address, city, county, state, zip code)

**3221 Rena Street
P.O. Box 1350
Pigeon Forge, TN 37868**

Check if there are workplaces on file that are not identified here.

The regulations provide that a recipient that is a State may elect to make one certification in each Federal fiscal year. A copy of which should be included with each application for ONDCP Funding.

DRUG-FREE WORKPLACE (RECIPIENTS WHO ARE INDIVIDUALS)

As required by the Drug-Free Workplace Act of 1988, and implemented at 21 CFR Part 1404 Subpart F.

- A. As a condition of the cooperative agreement, I certify that I will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conduction any activity with the grant; and
- B. If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, I will report the conviction in writing, within 10 calendar days of the conviction, to: The Assistance Center, 11200 NW 20 Street, Suite 100, Miami, FL 33172.

4. CERTIFICATION REGARDING FEDERAL DEBT STATUS (OMB Circular A-129)

The Applicant certifies to the best of its knowledge and belief, that it is not delinquent in the repayment of any federal debt.

5. CERTIFICATION REGARDING THE DISCRIMINATION STATUTES AND IMPLEMENTING REGULATIONS

The applicant certifies that it will comply with the following nondiscrimination statutes and their implementing regulations: (a) title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000D et seq.) which provides that no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of or be otherwise subjected to discrimination under any program or activity for which the applicant received federal financial assistance; (b) Section 504 of the rehabilitation Act of 1973, as amended (29 U.S.C. 794), which prohibits discrimination on the basis of handicap in programs and activities receiving federal financial assistance; (c) title IX of the Education Amendments of 1972m as amended (20 U.S.C. 1981 et seq.) which prohibits discrimination on the basis of sex in education programs and activities receiving federal financial assistance; and (d) the Age Discrimination Act of 1975, and amended (42 U.S.C. 6101 et seq.) which prohibits discrimination on the basis of age in programs and activities receiving federal financial assistance, except that actions which reasonably take age into account as a factor necessary for the normal operation or achievement of any statutory objective of the project or activity shall not violate this statute.

RECIPIENT ACCEPTANCE OF SUBAWARD CONDITIONS

Printed Name and Title of Authorized Official

Signature of Authorized Recipient

Date

City of Pigeon Forge

AHIDTA Reimbursement Form LC-07

- The LC-07 Reimbursement Form can be found under the Resources Tab on AHIDTA's website at www.ahidta.org.
- We have provided the forms in two different formats, Excel and a fillable PDF.
- We encourage you to download the form from the website with each reimbursement request to ensure you are using the most current form.
- Instructions for the LC-07 form can also be found on the AHIDTA website.

Budget Detail

2026 - Appalachia

Initiative - Rocky Top Tennessee Task Force - DEA

Award Recipient - Financial Commission for Appalachian HIDTA (HID0225G0479)

Resource Recipient - Pigeon Forge Police Department

Overtime	Account Number	Quantity	Amount
Investigative - Law Enforcement Officer	01-03-26-365-70-6080.05	1	19,000.00
Total Overtime		1	\$19,000.00
Total			\$19,000.00

Agenda Memorandum



CITY COMMISSION

Meeting Date: 5/11/26

Submitted by: Chief Richard Catlett

Department: Police Department

Item Caption: GYM EQUIPMENT BID

Bid was opened on 05/05/2026 at 0900. There were three NO BIDS, one not labeled, one not sealed, and two submitted correctly.

We would recommend Design2Wellness LLC to be awarded the contract.

If approved, please issue a purchase order.



Attachments: 5



Action Requested: Recommend Approval



Financial Summary



Budgeted Expense

Account Details: Line 920 of the New Building Construction



Unbudgeted Expense

Details:



Not Applicable

PIGEON FORGE POLICE DEPARTMENT
GYM EQUIPMENT
BID LIST
May 5th – 09:00 A.M.
2026

BIDDER	BID	NOTES
The Gym Administrator		Not Labeled "GYM EQUIPMENT" Rejected
Design 2 Wellness	\$92,082.95*	Includes Shipping & Installation
BGI Fitness	NO BID	
Advantage Sports & Fitness	NO BID	
RX Fitness Equipment	NO BID	
Ready Fitness	\$112,496.05	Includes Shipping & Installation
Direct Fitness Solutions		Bid Envelope Not Sealed Rejected

*Recommended by:



Bids Opened by:




BID FORM
GYM EQUIPMENT

Company: Design 2 Wellness
Contact Name: Chris Bingman
Address: 459 Orange Point Dr Suite D
Lewis Center OH 43035
Phone: 859-312-9063 Fax: _____
Federal Tax Identification Number: 88-1083878
Business License # _____ City: _____

Must attach a current W-9

Item	Total Price
1. Total w/ shipping & Installation	\$ <u>92,082</u> ⁹⁵
2. Option #1: <u>30% off MSRP @ all strength</u>	\$ _____
3. Option #2: <u>35% off MSRP Cardio & Accessories</u>	\$ _____

Please submit individual item pricing on the specification sheet next to the item number.

It is further understood and agreed by the undersigned in submitting this proposal that the City of Pigeon Forge reserves the following rights and privileges:

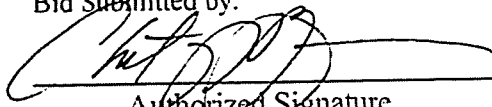
- a. To accept or reject any or all bids, and accept the bid deemed most favorable to the City.
- b. To reject all items of equipment and materials which do not conform to or exceed these specifications, without altering bid price of this proposal.
- c. To re-bid anytime during the term of the contract.

Note: By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to 12-12-106. Bidders shall not add any conditions or qualifying statements to this bid, except as provided herein, as otherwise the bid may be declared irregular as not being responsive to the Advertisement for Bids.

If you have questions regarding the specifications contained in this bid package, please contact:

Sgt. Shane Rector
865-453-9063

Bid Submitted by:


Authorized Signature

Christian L Bingman
Name (Printed)

Regional Sales Manager K1/TAL
Title

4/28/2010
Date



Design2Wellness
equipment | sales | service

P.O. Box 398
Lewis Center, OH 43035
740-548-7033 - office
740-548-7044 - fax

Proposal

Proposal Number
35572

Proposal Date
4/28/2026

www.design2wellness.com

Bill To:

Pigeon Forge Police Dept
PO Box 1350
Pigeon Forge TN 37868

Ship To:

Pigeon Forge Police Dept
Gary Ott
3225 Rena St
Pigeon Forge, TN 37868

Product #	Product Description	Qty	Unit Price	Total
F001600	Cardio: Intenza 450 Series Treadmill w/ i2S Simple Console 20amp isolated dedicated circuit w/ 5-20 NEMA receptacle required per treadmill	2	4,595.00	9,190.00
F001605	Intenza 450 Series Adjustable Ramp Elliptical w/ i2S Simple Console	1	4,295.00	4,295.00
9-5445-10G-LED-60	Self-powered or 100-240 V — 50/60 Hz AC Stairmaster 10 Series Gauntlet w/ LED Console	1	8,395.00	8,395.00
AB-TS-T800-101-...	100-240 V — 50/60Hz AC Torque Stealth Air Bike, Black Satin	1	1,295.00	1,295.00
RS-2401	Strength: Hoist RS Leg Extension	1	3,295.00	3,295.00
Hoist	Hosit RS Prone Leg Curl: RS-2408	1	3,295.00	3,295.00
HD-3900	Hoist HD Dual Pec Fly/Rear Delt	1	2,495.00	2,495.00
CF-3355	Hoist CF Linear Leg Press	1	4,195.00	4,195.00
CF-3663	Hoist CF Back Hyper	1	825.00	825.00
TKO	Defiant Strength Iso-Lateral Plate-Loaded Incline Chest Press: DS-1001	1	1,895.00	1,895.00
TKO	Defiant Strength Iso-Lateral Plate-Loaded Chest Press: DS-1000	1	1,850.00	1,850.00
DS-1013	Defiant Strength Iso-Lateral Plate-Loaded Shoulder Press	1	1,725.00	1,725.00
DS-901HR	Defiant Strength Half Rack, Black	1	1,795.00	1,795.00
DS-986	Defiant Strength Jammer Arms	1	1,095.00	1,095.00
TKO	Defiant Strength Landmine Attachment: DS-992-LM	1	190.00	190.00
DS-935	Defiant Strength 3 Way Bench	1	695.00	695.00
TKO	Defiant Strength Belt Squat Machine: DS-926	1	3,325.00	3,325.00
Torque Fitness	Torque Multi Station Unit: Torque X-Create 2-Module 13 Ft X-Select Bridge — X1 PKG (SATIN BLACK) W/ Lat Pull and Low Row. XCXSB-2M-13-X1-07	1	15,795.00	15,795.00
	Torque Custom Storage, Smith Machine, Suspension, Cable Column Module			

Total

Chris Bingman
chris@design2wellness.com
mobile: 859-312-9063

Sales Representative

Customer Signature and Date

Terms:

Net 30

Please accept this signed quotation as a purchase order and acceptance of the price, terms and conditions below:

Standard terms are 50% deposit and balance due upon delivery or approved purchase orders.

All quotes are valid for 30 days from date of issue.

Restocking fees, storage fees or other penalties may be charged for cancellations, delays or returns.

For complete terms & conditions please visit design2wellness.com.

Proposal Expires On

5/28/2026



P.O. Box 398
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740-548-7044 - fax

Proposal

Proposal Number
35572

Proposal Date
4/28/2026

www.design2wellness.com

Bill To:

Pigeon Forge Police Dept
PO Box 1350
Pigeon Forge TN 37868

Ship To:

Pigeon Forge Police Dept
Gary Ott
3225 Rena St
Pigeon Forge, TN 37868

Product #	Product Description	Qty	Unit Price	Total
XCREATE-U-8SS...	Torque Upright, 8'(2.4 M) Single-Sided Cable Component (SATIN BLACK)	1	1,955.00	1,955.00
XCREATE-U-8SS...	Torque XCREATE Upright, 8ft, Single-Sided (Black Satin)	1	650.00	650.00
XCREATE-2.5SX...	Torque 2.5' Single Cross (HIGHWEAR BLACK)	1	40.00	40.00
XCREATE-4SX-101	Torque 4' Single Cross (HIGHWEAR BLACK)	1	60.00	60.00
XCREATE-8TRAY...	Torque 8' Tray without RUBBER MAT Inserts (HIGH WEAR BLACK)	3	450.00	1,350.00
XCREATE-4MAT...	Torque 4' Rubber Tray Mat	6	35.00	210.00
Torque Fitness	Torque 2.5' Ball & Hanging Storage (HIGH WEAR BLACK): XCREATE-2.5BHS-101	1	165.00	165.00
XCREATE-SM-01	Torque Smith Module	1	2,300.00	2,300.00
XCREATE-8UVW...	Torque, 8 ft upright vertical weight storage single (QTY 1) Strom Grey	1	375.00	375.00
803OR-45	TKO Rubber Olympic Grip Plate - 45lb	44	84.35	3,711.40
803OR-35	TKO Rubber Olympic Grip Plate - 35lb	8	65.65	525.20
803OR-25	TKO Rubber Olympic Grip Plate - 25lb	28	46.85	1,311.80
803OR-10	TKO Rubber Olympic Grip Plate - 10lb	20	18.75	375.00
803OR-5	TKO Rubber Olympic Grip Plate - 5lb	10	9.40	94.00
813OB-86MB	TKO Middle Weight Power Bar	1	250.00	250.00
813OCM	TKO Quick Lock Olympic Collars w/Magnets	2	15.00	30.00
816TXU-A10	TKO 5-50 TPU Hex DB Set	1	1,250.00	1,250.00
816TXU-55	TKO 55lb. TPU Hex	2	123.75	247.50
816TXU-60	TKO 60lb. TPU Hex	2	135.00	270.00
816TXU-65	TKO 65lb. TPU Hex	2	146.25	292.50
816TXU-70	TKO 70lb. TPU Hex	2	157.50	315.00
816TXU-75	TKO 75lb. TPU Hex	2	168.75	337.50
816TXU-80	TKO 80lb. TPU Hex	2	180.00	360.00
816TXU-90	TKO 90lb. TPU Hex	2	213.75	427.50
816TXU-100	TKO100lb TPU Hex	2	225.00	450.00
Shipping	Shipping Charges from the manufacturer to Design2Wellness Warehouse South	1	4,685.55	4,685.55
Installation	Delivery & Installation	1	4,400.00	4,400.00
	Total sales tax		0.00	0.00
	Intenza Cardio Warranty: 3 Years Parts & 3 Years Labor			

Chris Bingman
chris@design2wellness.com
mobile: 859-312-9063

Total

Sales Representative

Customer Signature and Date

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equipment | sales | service

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Pigeon Forge TN 37868

Ship To:

Pigeon Forge Police Dept
Gary Ott
3225 Rena St
Pigeon Forge, TN 37868

Product #	Product Description	Qty	Unit Price	Total
	Frame Color for all Vendors: Matte Black Upholstery Color for all Vendors: Black			
Total				\$92,082.95

Chris Bingman
chris@design2wellness.com
mobile: 859-312-9063

Sales Representative

Customer Signature and Date

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