

Sandown Wireless

KENWOOD

Land Mobile Radio Project 25 Price Guide



Effective Date: April 2020

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TK-5220/5320

VHF/UHF FM Analog & P25 Digital Portable Radios

STANDARD



All 5X20 series portables include:

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

* All Accessories / options: 1 Year

Order packages to include Battery & Charger, or purchase Battery, Charger, and Antenna separately.

GENERAL FEATURES

- 5 Watt (136-174 MHz)
- 5 Watt (400-470, 450-520, 380-400 MHz)
- 128 Zones / 512 Channels
- Backlit Dot Matrix LCD
- 14 Character Alphanumeric Aliases
- 3-Digit Sub-Display
- Function / Status LCD Icons
- RSSI Indicator
- Transmit / Busy / Call Alert / Warn LED
- On/Off Volume Knob
- 16-Position Selector Knob
- 4 Front Menu-Driven PF Keys
- 2 Side PF Keys
- Orange Emergency / AUX Key
- 12-Keypad Models
- VOX Ready
- Emergency Features
- Battery Level
- Transceiver Password
- Date & 12/24 Hour Time Clock
- Windows® Programming & Tuning
- Windows® Firmware Uploading
- Easy Option Port
- Weather-Sealed Accessory Connector
- MIL-STD-810 C/D/E/F/G
- IP54/55 Water & Dust Protection
- Intrinsically Safe Option **

P25 DIGITAL

- P25 Digital Conventional
- AMBE+2™ Enhanced VOCODER
- Talk Group ID Lists
- Individual ID Lists
- Caller ID Display
- Remote Monitor / Check, Radio Inhibit
- Encryption Key Zeroize and Retention
- DES Encryption Options
- AES & DES Encryption Options
- KPG-93 KVL Key Loader Interface Cable
- P25 Digital Trunking Option

SCAN TYPES (FM & P25)

- Single Zone/Multi-Zone Scan
- Scan Lists
- Conventional Scan
- Limited Talk Group Scan
- Priority Monitor Scan
- Dual Priority Scan

ANALOG

- QT / DQT
- Operator Selectable Tone
- Two-Tone Decode / Encode
- DTMF Encode / Decode / Stun
- Special Alert Tone Patterns
- Companded Audio

FleetSync® /II (FM)

- PTT ID Digital ANI
- Caller ID Display
- Status Messaging
- Emergency & Stun Statuses
- Selective & Group Call
- Text Messaging

MDC-1200

- PTT ID Digital ANI
- Caller ID Display
- Emergency Status
- Radio Check
- Radio Inhibit

** Approved 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, C, D hazardous locations.

Note: Class I, Div 2 Group A & B Gases require use of a portable carrying case.

RADIO		LIST
TK-5220K	136-174MHz 5W, 14 characters Alphanumeric LCD, 6 Control Keys	877.00
TK-5220K2	136-174MHz 5W, 14 characters Alphanumeric LCD, Full Keypad	928.00
TK-5320K	450-520MHz 5W, 14 characters Alphanumeric LCD, 6 Control Keys	877.00
TK-5320K2	400-470MHz 5W, 14 characters Alphanumeric LCD, 6 Control Keys	877.00
TK-5320K3	450-520MHz 5W, 14 characters Alphanumeric LCD, Full Keypad	928.00
TK-5320K4	400-470MHz 5W, 14 characters Alphanumeric LCD, Full Keypad	928.00
CSA US APPROVED MODELS		LIST
<i>Must Order L-1803 & an Intrinsically Safe Battery per radio</i>		
TK-5220-ISCK	136-174MHz 5W, 14 characters Alphanumeric LCD, 6 Control Keys	877.00
TK-5220-ISCK2	136-174MHz 5W, 14 characters Alphanumeric LCD, Full Keypad	928.00
TK-5320-ISCK	450-520MHz 5W, 14 characters Alphanumeric LCD, 6 Control Keys	877.00
TK-5320-ISCK2	400-470MHz 5W, 14 characters Alphanumeric LCD, 6 Control Keys	877.00



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CSA US APPROVED MODELS

LIST

Must Order L-1803 & an Intrinsically Safe Battery per radio

TK-5320-ISCK3	450-520MHz 5W, 14 characters Alphanumeric LCD, Full Keypad	928.00
TK-5320-ISCK4	400-470MHz 5W, 14 characters Alphanumeric LCD, Full Keypad	928.00

PACKAGES

LIST

TK-5220KLAKP	VHF Li-Ion Battery Package (TK-5220K + KNB-47LAM + KSC-32)	1,069.00
TK-5220KLAHKP	VHF Hi Cap Li-Ion Battery Package (TK-5220K + KNB-48LAM + KSC-32)	1,087.00
TK-5320KLAKP	UHF Li-Ion Battery Package (TK-5320K + KNB-47LAM + KSC-32)	1,069.00
TK-5320KLAHKP	UHF Hi Cap Li-Ion Battery Package (TK-5320K + KNB-48LAM + KSC-32)	1,087.00
TK-5320K2LAKP	UHF Li-Ion Battery Package (TK-5320K2 + KNB-47LAM + KSC-32)	1,069.00
TK-5320K2LAHKP	UHF Hi Cap Li-Ion Battery Package (TK-5320K2 + KNB-48LAM + KSC-32)	1,087.00

ANTENNAS

LIST

KRA-22M	VHF low-profile helical antenna 148-162 MHz	16.70
KRA-22M2	VHF low-profile helical antenna 162-174 MHz	16.70
KRA-22M3	VHF Low-profile helical antenna 136-150 MHz	16.70
KRA-23M	UHF low-profile helical antenna 450-490 MHz	16.70
KRA-23M3	UHF low-profile helical antenna 403-430 MHz	16.70
KRA-25	High gain VHF helically loaded whip antenna 148-162 MHz	35.00
KRA-26M	VHF helical antenna 146-162 MHz	16.70
KRA-26M2	VHF helical antenna 162-174 MHz	16.70
KRA-26M3	VHF helical antenna 136-150 MHz	16.70
KRA-27M	UHF whip antenna 440-490 MHz	16.70
KRA-27M2	UHF whip antenna 470-520 MHz	16.70
KRA-27M3	UHF whip antenna 400-450 MHz	16.70
KRA-28	Broad-band VHF helically loaded whip antenna 140-170 MHz	43.00
KRA-29	Broad Band UHF Whip Antenna 380-430 MHz	38.00

BATTERIES AND CHARGERS

LIST

KNB-47LAM	1950 mAh, Li-ion battery - requires KSC-32/326K/326AK charger [Immersion Option compatible]	110.00
KNB-48LAM	2550 mAh, Li-ion battery - requires KSC-32/326K/326AK charger [Immersion Option compatible]	128.00
KNB-50NC	2000 mAh, Ni-MH battery - requires KSC-32/326K/326AK charger [CSA-us Intrinsically Safe Option] Note: FM Intrinsically Safe Option and repairs for FM certified radio are no longer available. Once repaired, radio loses FM certification and is required to be recertified to CSA-us to maintain the IS rating.	160.00
KNB-72LC-CSA-US	1880 mAh, Li-ion battery - requires KSC-32/326K/326AK charger [CSA-us Intrinsically Safe Option]	220.00
KSC-32	Rapid rate single unit charger for KNB-31A/32N/33L/41NC/43L/47L/48L/50NC Note: Includes 110/220V auto-switching AC adapter with U.S.-style line cord plug; requires plug adapter for 220V Euro-style outlets (not supplied).	82.00
KSC-326AK	Rapid rate 6-unit charger CEC Compliant	745.00
KMB-30A	Wall Mount Bracket for KSC-326K/326AK/256K/256AK	61.00
KMB-23	Six Unit Charger Adapter for the KSC-16/20/24/25/25L/32 chargers (chargers not included)	248.00
KVC-15	Rapid rate DC vehicular charger adapter for the KSC-32 (chargers not included; includes KSC-mobile bracket & cigarette lighter cable DC adapter)	162.00
KVC-23	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	307.00



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CARRYING ACCESSORIES		LIST
KBH-11	Spring action belt clip (2.5")	15.00
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	27.00
KLH-137ST	Firemen's Heavy-Duty Leather Shoulder Strap for a Heavy-Duty Leather Case (KLH-75B/76B/78B/79B//92/122/123/133/148/154)	38.00
KLH-148K	Heavy duty leather carrying case for NX-200/300/TK-5220/5320 (Non DTMF keypad models)	45.00
KLH-148K2	Heavy duty leather carrying case for NX-200/300/TK-5220/5320 (DTMF keypad models)	45.00
KLH-149K	Nylon carrying case for NX-200/300/TK-5220/5320 (Non DTMF keypad models)	27.00
KLH-149K2	Nylon carrying case for NX-200/300/TK-5220/5320 (DTMF keypad models)	27.00
SPECIAL COLOR HOUSING		LIST
KWD-YH20-P25	Yellow Housing Kit for TK-5x20 portables (6 Control Keys Version Only) Order L-1713 for Factory Install. (required for Intrinsically Safe & IP67 radio orders)	41.00
KWD-OH20-P25	Orange Housing Kit for TK-5x20 portables (6 Control Keys Version Only) Order L-1738 for Factory Install. (required for Intrinsically Safe & IP67 radio orders)	41.00
MICROPHONES & AUDIO ACCESSORIES		LIST
KMC-40	MIL-SPEC, Speaker Mic. with Antenna Connector [Intrinsically Safe Approved Accessory] Note: 5/16" Coax cable hex wrench included (antenna is not included).	275.00
KMC-72W	MIL-SPEC, IP54/55/67* Noise-cancelling Speaker Mic Note: IP67 Immersion spec does not apply when connected to TK-5x20 series. [Intrinsically Safe Approved Accessory]	102.00
KEP-1	3.5mm earphone kit for KMC-25/26/41M/42WM/72W Speaker Mics [Intrinsically Safe Approved Accessory]	53.00
KCT-51	Hirose 6-pin Adapter (adapts KVL/aftermarket audio acc. to portable connector) [Intrinsically Safe Approved Accessory]	220.00
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black) [Intrinsically Safe Approved Accessory]	160.00
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black) [Intrinsically Safe Approved Accessory]	203.30
KHS-14	Lt. Wt. Single muff headset w/boom mic & In-line PTT [Intrinsically Safe Approved Accessory]	128.00
KHS-15D-BH	Hvy-duty noise reduction behind-the-headset w/noise cancelling boom mic & in-line PTT [Intrinsically Safe Approved Accessory]	428.00
KHS-15D-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & in-line PTT [Intrinsically Safe Approved Accessory]	375.00
SOFTWARE OPTIONS		LIST
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).	535.00
KPG-DE1K	DES Encryption Software Key Loader for KWD-AE31K Authentication by KPT-300LMC is required	368.00



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SOFTWARE OPTIONS, CON'T		LIST
KWD-TR30	Trunking Option for TK-5220/5320, TK-5720/5820 KWD-TR30 support:1 Trunking Network Must order L-1694 for factory installation, or L-1696 for field-upgrade option Note: KPG-112D(N) Ver2.0 or later Requires Network Level License ID to program trunked network radio parameters (see KPG-112D(N) for purchase restrictions & requirements)	250.00
OPTION MODULES		LIST
KCT-48VU	External Vibration Unit [Intrinsically Safe Approved Accessory] Note: Audio accessories cannot be used when this option installed. KCT-48VU does not support the P25 digital mode calling or paging features	72.00
KCT-57MS	Man-Down Internal Tilt Switch (Non-Mercury) [Intrinsically Safe Approved Accessory]- Must be Kenwood installed for I.S. Order L-1648 for P25/FleetSync®/MDC-1200 operations	23.00
KWD-AE30K	AES FIPS140-2 & DES Encryption Module (Multi-Key) Order a Labor Code L-1824 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). [Intrinsically Safe Option]- Must be Kenwood installed for I.S.	867.00
KWD-AE31K	AES & DES Encryption Module (Multi-Key) Order a Labor Code L-1825 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) [Intrinsically Safe Option]- Must be Kenwood installed for I.S.	562.00
SERVICE RELATED ACCESSORIES		LIST
KPG-112DNK	Windows® Programming Software for TK-5*20 Series (Compliant with FCC Part 90 Narrowbanding)	103.25
KPG-36XM	USB Programming interface cable	162.00
KPG-93	TK-5210/5310/5410/5220/5320/5400 KVL-3000/3000 Plus/4000 Interface Cable	268.00
INSTALLATION / TUNING CHARGES		LIST
L-961	Assemble KMB-23 with six KSC-32K's (Rapid Rate, 120 Volt version only)	17.00
L-1644	TK-5220/5320 Programming (Basic TX/RX check only with factory test freq.s or dealer/customer provided KPG-112D data file)	125.00
L-1646	Multi-Channel Encoder Modification	25.00
L-1648	TK-5220/5320 Portable KCT-57MS Installation (for P25/FleetSync®/MDC-1200)	20.00
L-1694	Install KWD-TR30 Trunking Option in TK-5220/5320 (Must purchase KWD-TR30 separately)	N/C
L-1696	TK-5220/5320 KWD-TR30 FIELD-UPGRADE (Must purchase KWD-TR30 separately)	N/C
L-1698	KPG-112D(N) Network Level ID (encrypted data file) Note: Enables Trunking system programming privileges; See KPG-112D(N) Network Level ID	132.00
L-1713	Assemble Yellow Housing KWD-YH20-P25 with TK-5X20 Portable	27.00
L-1738	Assemble Orange Housing KWD-OH20-P25 with TK-5X20 Portable	27.00
L-1803	Configure TK-5220/5320 for CSA US Intrinsically Safe Must order KNB-50NC I.S. battery	70.00
L-1824	Install KWD-AE30K in TK-5220/TK-5320 Portables (Must purchase module separately)	75.00
L-1825	Install KWD-AE31K in TK-5220/TK-5320 Portables (Must purchase module separately)	75.00



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-- IMPORTANT NOTES --

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 JVCKENWOOD USA Corporation directly to the end user customer by a trusted carrier (FEDEX, UPS or a designated JVCKENWOOD 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.



TK-5720 / 5820

VHF/UHF FM Analog & P25 Digital Mobile Radios



All 5X20 series mobiles include:

- Standard Microphone (KMC-65M)
- Mounting Bracket
- DC Cable (KCT-23M)
- Blade Fuse
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

* TX Power is derated at 490-512 MHz
 TK-5320: 450-489 MHz (45 W)
 490-512 MHz (40 W)

STANDARD

■ GENERAL FEATURES

- 50W (136-174 MHz)
- 45W (400-470, 450-520, 380-400MHz)
- 128 Zones / 512 Channels
- Emergency Features
- Public Address (KAP-2 Required)
- Time Out Timer
- Busy Channel Lockout
- Ignition Sense
- Timed Power Off
- DB-25 & 9-Pin Accessory Connectors
- 9 Programmable AUX I/Os
- 2 Programmable AUX Outputs
- Transceiver Password
- Date & 12/24 Hour Time Clock
- Windows® Programming & Tuning
- Windows® Firmware Uploading
- Easy Option Ports (26-pin)
- Voice Guide & Storage (option)
- MIL-STD 810 C/D/E/F/G, IP-54
- MIL-STD Mic (included)
- MIL-STD 12-Key DTMF Mic Option

■ FRONT PANELS/CONTROL HEADS

- Dash & Remote Mount
- 14 Character Alphanumeric Aliases
- Backlit Dot Matrix LCD
- 3-Digit Sub-Display
- Function/Status LCD Icons
- RSSI Indicator
- Transmit/Busy/Call Alert/Warn LED
- On/Off Power Control
- 4 Up/Down Selectors
- 6 Front PF Keys
- Emergency/AUX Key
- 4W Speaker Audio

■ P25 DIGITAL

- P25 Digital Conventional
- AMBE+2™ Enhanced VOCODER
- Talk Group ID Lists
- Individual ID Lists
- Caller ID Display
- Remote Monitor / Check, Radio Inhibit
- Encryption Key Zeroize and Retention
- DES Encryption Module Option
- AES & DES Encryption Module Option
- KPG-115 Key Loader Interface Cable
- P25 Digital Trunking Option

■ SCAN TYPES (FM & P25)

- Single Zone/Multi-Zone Scan
- Scan Lists*
- Conventional Scan
- Limited Talk Group Scan*
- Priority Monitor Scan*
- Dual Priority Scan

■ FM

- QT / DQT
- Operator Selectable Tone
- Two-Tone Decode / Encode
- DTMF Encode / Decode / Stun
- Special Alert Tone Patterns
- Companded Audio

■ FleetSync® / II (FM)

- PTT ID Digital ANI
- Caller ID Display
- Status Messaging
- Emergency & Stun Statuses
- Selective & Group Call
- Text Messaging
- Send/Display GPS

■ MDC-1200

- PTT ID Digital ANI
- Caller ID Display
- Emergency Status
- Radio Check

RADIO		LIST
TK-5720K	136-174 MHz 50W, 512 CH / 128 Zone	1,275.00
TK-5820K	450-520 MHz 45W, 512 CH / 128 Zone	1,275.00
TK-5820K2	400-470 MHz 45W, 512 CH / 128 Zone	1,275.00



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MOBILE INSTALLATION ACCESSORIES		LIST
KAP-2	Horn Alert/P.A. Relay Option	64.00
KCT-46	Ignition sense cable (plugs directly into mobile chassis ignition sense line)	14.00
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	43.00
KMB-10	Key lock adapter	27.00
KRK-10	Remote Control Kit (a remote control cable (23 ft) is included)	107.00
MOBILE INSTALLATION ACCESSORIES, CON'T		LIST
KCT-23M	DC Cable (35-50W Dash mount; pos/neg. 10 ft. leads)	40.00
KCT-23M3	DC Cable (35-50W Remote mount; pos.23 ft.; neg. 3.3. ft. leads)	55.00
CONTROL STATION INSTALLATION ACCESSORIES		LIST
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug)	88.00
KMB-34	Control Station Mounting Case for KPS-15 Power Supplies (mobile mounting hardware included)	55.00
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	177.00
MICROPHONES AND SPEAKERS		LIST
KMC-65M	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)	53.00
KMC-66M	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	97.00
KMC-27B	Standard dynamic mobile microphone (8-pin mod. plug)	43.00
KMC-28A	MIL-SPEC & Noise Canceling dynamic mobile microphone (8-pin mod. plug) w/ DTMF	167.00
RPSP-15	External speaker, 5W, 8ohm low profile, 3.5mm plug	25.00
KES-5A	External speaker, 40W max input Note: requires KAP-2 (PA/HA unit) installed	61.25
SOFTWARE OPTIONS		LIST
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).	535.00
KPG-DE1K	DES Encryption Software Key Loader for KWD-AE31K Authentication by KPT-300LMC is required	368.00
KWD-TR30	Trunking Option for TK-5220/5320, TK-5720/5820 KWD-TR30 support:1 Trunking Network Must order L-1695 for factory installation, or L-1697 for field-upgrade option Note: KPG-112D(N) Ver2.0 or later Requires Network Level License ID to program trunked network radio parameters (see KPG-112D(N) for purchase restrictions & requirements)	250.00
OPTION MODULES		LIST
KWD-AE30K	AES FIPS140-2 & DES Encryption Module (Multi-Key) Order a Labor Code L-1826 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).	867.00
KWD-AE31K	AES & DES Encryption Module (Multi-Key) Order a Labor Code L-1827 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)	562.00



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GPS OPTION LIST

GPS15XL-W	Garmin Internal GPS Receiver Board for FleetSync® AVL Note: • Provides GPS on Analog Conventional • Requires GA25MCX GPS antenna • Refer to 5720/5820-Series Service Manuals for installation. Refer to www.garmin.com for GPS15XL-W technical specifications. • Option: Order L-1655 for Kenwood Long Beach installation	133.00
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.	63.00

SERVICE RELATED ACCESSORIES LIST

KPG-46XM	USB Programming interface cable	162.00
KPG-112DNK	Windows® Programming Software for TK-5*20 Series (Compliant with FCC Part 90 Narrowbanding)	103.25
KPG-115	Key Loader Interface Cable for Motorola KVL-3000/3000 Plus/4000	268.00

INSTALLATION / TUNING CHARGES LIST

L-1652	TK-5720/5820 Programming (Basic TX/RX check only with factory test freq.s or dealer/customer provided KPG-112D(N) data file)	125.00
L-1653	TK-5720/5820 Install KAP-2 (Default) HR1/Internal Sp./PA	25.00
L-1654	TK-5720/5820 Install KAP-2 HR1/External Sp./PA	25.00
L-1655	Install Garmin GPS15XL-W in TK-5720/5820 mobiles for FleetSync® AVL	100.00
L-1656	Assemble TK-5720/5820 with KRK-10 Remote Kit	42.00
L-1695	Install KWD-TR30 Trunking Option in TK-5720/5820 (Must purchase KWD-TR30 separately)	N/C
L-1697	TK-5720/5820 KWD-TR30 FIELD-UPGRADE (Must purchase KWD-TR30 separately)	N/C
L-1698	KPG-112D(N) Network Level ID (encrypted data file) Note: Enables Trunking system programming privileges; See KPG-112D(N) Network Level ID (Trunking System Privileges) - Restricted Purchase Requirements - L-1698- KPG-112D(N) Network Level ID (Trunking System Privileges) The KPG-112D(N) only ships with a "Dealer Level License ID" which permits Conventional FM and P25 Conventional radio programming privileges only. For radios with the P25 Trunking option installed, trunked/network programming privileges require a "Network Level License ID" generally reserved ONLY for the system owner or the system owners authorized operators/service centers. Purchasing the KPG-112D(N) Network Level License ID will require 1) Written verifiable authorization from the systems owner/operator. 2) The 3-digit hexadecimal P25 System ID from the system owner/operator. 3) Purchase of a L-1698 : KPG-112D(N) Network Level ID option. This option will include an encrypted KPG-112D(N) "System Key Data File" containing the 16-digit Network Level License ID & 3-digit hexadecimal System ID code.	132.00
L-1777	Assemble TK-5720/5820 with KRK-13 Dual Remote Kit	42.00
L-1826	Install KWD-AE30K in TK-5720/5820 Mobile (Must purchase module separately)	75.00
L-1827	Install KWD-AE31K in TK-5720/5820 Mobile (Must purchase module separately)	75.00



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IMPORTANT NOTES

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, 'NX-5200 · 5300!A204+'NX-5200 · 5300!B206 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 JVCKENWOOD USA Corporation directly to the end user customer by a trusted carrier (FEDEX, UPS or a designated JVCKENWOOD 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.

Sandown Wireless operates these Web Sites:

www.criticalbattery.com

www.criticaltowers.com

www.criticalradio.com

www.criticalresponder.com

Office: 603-425-9876 -- Cell: 603-548-0125 -- E-mail: wa1hzk@usa.net -- Fax: 603-887-2117