



Mississippi EPL 3744 Price Pages



MSWIN Compatible P25 Phase 2 TDMA Price Guide



Effective Date: July 2016



MAIN FEATURES

- Digital operation in P25 (Phases 1 & 2)
- P25 Phase 1 Conventional/Trunked Operation (standard)
- Mixed Digital, FM Analog, and LTR Operation allows intelligent migration in mixed sites and easy migration with digital radios in other sites
- Large, Color 1.74" (240 x 180 pixels) Transflective TFT Display for better interface even in direct sunlight and with use of polarized sunglasses
- Easy to follow GUI for at-a-glance operational status checking and Multi-line Text to convey more information
- 4-way Directional-pad (D-pad) and 2-Position Lever Switch for intuitive control and operation
- Built-In GPS Receiver/Antenna for effective fleet management
- Bluetooth® Module built-in for hands-free operation
- Renowned Audio Quality can be achieved with Active Noise Cancelling that utilizes built-in DSP with two microphones for suppression of ambient noise (dual-mic)
- Built-in 56-bit DES Encryption (4-key DES standard)
- Optional 256-bit AES Encryption
- Built-in Motion Sensor for life-critical man down detection
- microSD/microSDHC Memory Card Slot for increased memory capacity for "Voice & Data"
- IP67/68 and MIL-STD-810 C/D/E/F/G

GENERAL FEATURES

- 6 W (136-174 MHz) Models
- 5 W (380-470, 450-520 MHz) Models
- 3 W (700/800 MHz) Models
- Full Key Models (w/ numeric keypad) and Standard Key Models (w/o numeric keypad)
- Maximum of 4,000 CH/Radio capacity, 512 CH/Zone, 128 Zones
- 1 W Loud Speaker Audio



KENWOOD

DIGITAL - P25 MODE

- P25 Phase 1 Conventional/Trunked Operation (standard)
- P25 Phase 2 Trunked Operation
- 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
- Over-the-Air Programming*

FM MODES - GENERAL

- Conventional & LTR Zones
- NPSPAC (USA only) Channels (±4.0 Modulation)
- MDC-1200: PTT ID ANI / Caller ID Display, Emergency, Radio Check / Inhibit
- QT / DQT & Two-Tone
- Built-in Voice Inversion Scrambler

INTELLIGENT BATTERY SYSTEM (OPTION)

- System consists of the optional high-capacity Li-Ion Battery Series (KNB-L1/L2/L3), Rapid Charger (KSC-Y32), and Battery Reader (KAS-12) software
- Up to 30 Rapid Chargers can be chain-connected to a PC installed with the KAS-12
- Battery conditions are displayed in color illuminated indicators on the charger, which are also displayed on a connected PC with the same color scheme
- Up to 1,000 batteries can be managed at a time (requires an additional option)

Radio - Base Model	List Price	MS Two-Way Radio EPL 3744	Discount
TK-5430F2 700 / 800 MHz, 3.0 Watts Analog/P25 Conventional/P25 Phase I Trunking - Standard Key Model	\$ 1,450.00	\$ 1,160.00	20%
TK-5430F3 700 / 800 MHz, 3.0 Watts Analog/P25 Conventional/P25 Phase I Trunking - Full Key Model	\$ 1,500.00	\$ 1,200.00	20%

Programming Cost: \$75.00 Installation Cost: N/A

Licensing System	List Price	MS Two-Way Radio EPL 3744	Discount
KPT-300LMC is a required software package that is used to authenticate software (FPU) and radio feature license keys for the TK-5x30 Series radios.			
KPT-300LMC License Management Client		N/A	N/A
L-5000 KPT-300LMC License Key		N/A	N/A

Software Licensing Options	List Price	MS Two-Way Radio EPL 3744	Discount
Note: A unique license key is required for each PC with software installed. A single license key will not authorize multiple PCs.			

KPG-D1NK	License Key for KPG-D1NK Programming Software for TK-5x30 Portable/Mobile (Windows® Vista/7/8/8.1)	\$ 155.00	\$ 124.00	20%
Note: Requires KPT-300LMC for authentication				

P25 Trunked Programming Capability (licensed by either 1 or 2 below):

- 1. USB Key Type: Advanced System Key (ASK)- See KWD-ASK-MK and AK**
- 2. Software Key Type: System Key File (SKF)- See L-5005**

KPG-180AP	OTAP Manager Software • License includes 50 radios • To add more radios / serial ports, you must contact EF Johnson Technologies (1-800-328-3911 Option 1)	\$ 884.00	\$ 707.20	20%
Note: Requires KPT-300LMC for authentication				

KAS-12K	License Key for KAS-12 Battery Reader Software for KNB-L1/2/3/ & KSC-Y32 (Windows® Vista/7/8/8.1)	\$ 85.00	\$ 68.00	20%
Note: Requires KPT-300LMC for authentication				

Radio Feature License Options	List Price	MS Two-Way Radio EPL 3744	Discount
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PCs registered under the same KPT-300LMC Account Registration Key (License Key) will be able to authentic Radio Features that can then be viewed / shared / managed by all registered users for the account.

Note: Radio Feature License Keys can be transferable from a radio to radio within 72 hours count started from being authenticated to a Radio. Once license transfered radio is authenticated by KPT-300LMC, 72 hours is reset and count started from first.

General Radio Features

KWD-5000CH	License Key for 4000 Channel Expansion	\$ 420.00	\$ 336.00	20%
KWD-5001FP	License Key for Front Panel Programming	\$ 300.00	\$ 240.00	20%
KWD-5002SD	License Key for microSD Memory Card Slot Activation	\$ 105.00	\$ 84.00	20%

P25 Radio Features

KWD-5100CV	License Key for P25 Conventional	N/A	N/A	N/A
KWD-5101TR	License Key for P25 Phase 1 Trunking (requires KWD-5100CV)	N/A	N/A	N/A
KWD-5102TR	License Key for P25 Phase 2 Trunking (requires KWD-5100CV & KWD-5101TR)	\$ 400.00	\$ 320.00	20%
KWD-5103RK	License Key for P25 OTAR (requires KWD-5106DT for a Trunking Operation)	\$ 700.00	\$ 560.00	20%
KWD-5105VT	License Key for P25 Conventional Voting Scan	\$ 120.00	\$ 96.00	20%
KWD-5106DT	License Key for P25 Packet Data (required for Trunked OTAR/GPS/Text)	\$ 180.00	\$ 144.00	20%

Antennas	List Price	MS Two-Way Radio EPL 3744	Discount
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KRA-32K	700/800 MHz Whip Antenna	\$ 35.00	\$ 28.00	20%
KRA-36	700/800 MHz Stubby Antenna	\$ 25.00	\$ 20.00	20%

Batteries & Chargers	List Price	MS Two-Way Radio EPL 3744	Discount
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KNB-L1M	Li-ion 2000mAh (Compact Slim)	\$ 115.00	\$ 92.00	20%
KNB-L2M	Li-ion 2600mAh (Standard)	\$ 135.00	\$ 108.00	20%
KNB-L3M	Li-ion 3400mAh (High Capacity)	\$ 175.00	\$ 140.00	20%

KSC-Y32K	Rapid rate single unit charger (Long-Life Charge Mode capable with KAS-12 Software) Note: NiMH/Li-ion battery only	\$ 115.00	\$ 92.00	20%
KAS-12K	License Key for KAS-12 (Authentication required) Battery Reader Software for KNB-L1M/L2M/L3M & KSC-Y32 (Windows® Vista/7/8/8.1)	\$ 85.00	\$ 68.00	20%
KSC-32	Rapid rate single unit charger	\$ 70.00	\$ 56.00	20%
KSC-326K	Rapid rate 6-unit charger	\$ 630.00	\$ 504.00	20%
KMB-30M	Wall Mount Bracket for KSC-326K/256K	\$ 33.75	\$ 27.00	20%
KVC-15	Rapid rate DC vehicular charger adapter for the KSC-32 (chargers not included; includes KSC-mobile bracket & cigarette lighter cable DC adapter)	\$ 119.00	\$ 95.20	20%
Carrying Accessories		List Price	MS Two-Way Radio EPL 3744	Discount
KBH-11	Spring action belt clip (2.5")	\$ 14.70	\$ 11.76	20%
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	\$ 26.30	\$ 21.04	20%
KLH-6SW	Leather swivel belt loop / detachable swivel D-Ring back	\$ 22.00	\$ 17.60	20%
KLH-137ST	Firemen's Heavy-Duty Leather Shoulder Strap for a Heavy-Duty Leather Case	\$ 36.75	\$ 29.40	20%
KLH-200K3	Heavy duty leather carrying case for TK-5x30-series (for both K2 & K3 models)	\$ 44.25	\$ 35.40	20%
KLH-201K3	Nylon carrying case for TK-5430-series (for both keypad models)	\$ 26.30	\$ 21.04	20%
Special Color Housing		List Price	MS Two-Way Radio EPL 3744	Discount
KWD-YH-5000	Yellow Housing Kit for TK-5x30 series Portables (Standard Key Model Only) Order L-5024 for Factory Install. (Eligible for warranty of IP67/68 immersion) Note: If you order only housing and perform Dealer Installation, IP67/68 Warranty Claim will not be eligible.	\$ 40.00	\$ 32.00	20%
KWD-OH-5000	Orange Housing Kit for TK-5x30 series Portables (Standard Key Model Only) Order L-5025 for Factory Install. (Eligible for warranty of IP67/68 immersion) Note: If you order only housing and perform Dealer Installation, IP67/68 Warranty Claim will not be eligible.	\$ 40.00	\$ 32.00	20%
Microphones & Audio Accessories		List Price	MS Two-Way Radio EPL 3744	Discount
KMC-54WDM	MIL-SPEC, IP67 (Immersion) Speaker Mic Compatible with ANR Feature Note: only compatible with a TK-5x30 series portable	\$ 130.00	\$ 104.00	20%
KMC-42WDM	MIL-SPEC, IP67 (Immersion) Noise-canceling Speaker Mic	\$ 114.00	\$ 91.20	20%
KMC-49	MIL-SPEC, Speaker Mic. with Antenna Connector Note: 5/16" Coax cable hex wrench included (antenna is not included).	\$ 250.00	\$ 200.00	20%

KEP-1	3.5mm earphone kit for KMC-41/42W/54W Speaker Mics	\$ 52.50	\$ 42.00	20%
KEP-2	2.5mm earphone kit for KMC-49 Speaker Mic	\$ 52.50	\$ 42.00	20%
KEP-3	30" Earphone kit w/ 2.5mm plug for KCT-30	\$ 51.50	\$ 41.20	20%
KEP-4	48" Earphone kit w/ 2.5mm plug for KCT-30	\$ 54.75	\$ 43.80	20%
KCT-30	2.5mm Audio Accessory Adapter for KEP-3/4	\$ 64.00	\$ 51.20	20%
KCT-51	Hirose 6-pin Adapter (adapts KVL/aftermarket audio acc. to portable connector)	\$ 215.00	\$ 172.00	20%
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black)	\$ 156.50	\$ 125.20	20%
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black)	\$ 184.00	\$ 147.20	20%
KHS-14	Lt. Wt. Single muff headset w/boom mic & In-line PTT	\$ 126.00	\$ 100.80	20%
KHS-15-BH	Hvy-duty noise reduction behind-the-headset w/noise cancelling boom mic & PTT	\$ 420.00	\$ 336.00	20%
KHS-15-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & PTT	\$ 368.00	\$ 294.40	20%
Encryption Modules		List Price	MS Two-Way Radio EPL 3744	Discount
KWD-AE30K	AES FIPS140-2 & DES Encryption Module (Multi-Key) Order a Labor Code L-5003 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)	\$ 850.00	\$ 680.00	20%
KWD-AE31K	AES & DES Encryption Module (Multi-Key) Order a Labor Code L-5004 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)	\$ 550.00	\$ 440.00	20%
Encryption Modules (cont'd)		List Price	MS Two-Way Radio EPL 3744	Discount
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)	\$ 525.00	\$ 420.00	20%
KPG-DE1K	DES Encryption Software Key Loader for KWD-AE31K Authentication by KPT-300LMC is required Note: KPG-DE1 is a U.S. DOC/BIS Export Controlled Item (ECCN 5D992A.1)	\$ 368.00	\$ 294.40	20%
Service Related Accessories		List Price	MS Two-Way Radio EPL 3744	Discount
KPG-36XM	Full Speed USB Programming interface cable	\$ 158.50	\$ 126.80	20%

KPG-93	KVL-3000 Plus/4000 Interface Cable for P25 Portables	\$ 262.50	\$ 210.00	20%
KWD-ASK-AK	<p>Access Key for KPG-D1NK P25 trunked programming</p> <p>Notes: Enables P25 Trunked system programming privileges in a KPG-D1NK.</p> <ul style="list-style-type: none"> • For TK-5x30 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. 	\$ 208.00	\$ 166.40	20%
KWD-ASK-MK	<p>Master Key for activating KWD-ASK-AK Access Keys</p> <p>- Restricted Purchase Requirements -</p> <p>Notes:</p> <ul style="list-style-type: none"> • For TK-5x30 series only. • Sold to trunked system operator (SYSOP) or SYSOP authorized entities only • Must have KPG-D1NK • Purchase KWD-ASK-AK Access Keys if needed. 	\$ 500.00	\$ 400.00	20%
Installation/Tuning Charges		List Price	MS Two-Way Radio EPL 3744	Discount
L-5000	<p>Account Registration Key</p> <p>Note: specify the number of PC's used for Radio Feature License Activation.</p>	N/A	N/A	N/A
L-5001	<p>Factory Activation of Radio Feature Licenses (per Radio)</p> <p>Note: Must purchase Radio Feature Licenses separately</p>	\$ 120.00	\$ 96.00	20%
L-5002	NX-5200/5300/5400 Programming (with basic TX/RX check)	\$ 37.50	\$ 30.00	20%
L-5003	Install KWD-AE30K in TK-5x30 series Portable (Must purchase module separately)	\$ 75.00	\$ 60.00	20%
L-5004	Install KWD-AE31K in TK-5x30 series Portable (Must purchase module separately)	\$ 75.00	\$ 60.00	20%
L-5005	<p>KPG-D1NK System Key File (SKF)</p> <p>Note: Enables P25 Trunked system programming privileges in a KPG-D1NK.</p> <p>- Restricted Purchase Requirements -</p> <ul style="list-style-type: none"> • Must have KPG-D1NK. • 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. 	\$ 132.00	\$ 105.60	20%
L-5024	Assemble Yellow Housing KWD-YH-5000 with TK-5x30 series Portable	\$ 27.00	\$ 21.60	20%

L-5025	Assemble Orange Housing KWD-OH-5000 with TK-5x30 series Portable	\$	27.00	\$	21.60	20%
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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.**

The following information may be requested to be submitted at time of order (this information must meet internal approvals prior to shipment even if being returned 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:

KWD-AE20 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-AE20K modules to erroneous destinations specified on an order.



TK-5930

7/800 MHz • P25 PHASE 1 & 2 • FM ANALOG • LTR

MAIN FEATURES

- Digital operation in P25 (Phases 1 & 2)
- P25 Phase 1 Conventional/Trunked Operation (standard)
- Mixed Digital, FM Analog, and LTR Operation allows intelligent migration in mixed sites and easy migration with digital radios in other sites
- Large, Color 2.55" (154 x 422 pixels) TFT Display for at-a-glance operational status checking
- Easy to follow GUI & Multi-line Text to convey more information
- Dual Remote Control Head Option and Multi-Band (Multi RF Deck) Control Option providing scalable configurations for various operations and applications
- Built-In GPS Receiver for effective fleet management
- Bluetooth® Module built-in for hands-free operation
- Renowned Audio Quality can be achieved with Active Noise Cancelling that utilizes built-in DSP with two microphones for suppression of ambient noise (dual-mic)
- Built-in 56-bit DES Encryption
- Optional 256-bit AES Encryption
- microSD/microSDHC Memory Card Slot for increased memory capacity for "Voice & Data"
- IP54/55 and MIL-STD-810 C/D/E/F/G

GENERAL FEATURES

- 5 W to 50 W (136-174 MHz) Models
- 5 W to 45 W (380-470, 450-520 MHz) Models
- 2W-35W (700-800 Mhz) Models
- Maximum of 4,000 CH/Radio capacity, 512 CH/Zone, 128 Zones
- DB-25 Accessory Connector
- 4 W Speaker Audio

FM MODES - GENERAL

- Conventional & LTR Zones
- MDC-1200: PTT ID ANI / Caller ID Display, Emergency, Radio Check / Inhibit
- QT / DQT & Two-Tone
- Built-in Voice Inversion Scrambler

DIGITAL - P25 MODE

- P25 Phase 1 Conventional/Trunked Operation
- P25 Phase 2 Trunked Operation
- 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
- Over-the-Air Programming*1

MULTIPLE CONFIGURATIONS (OPTION)

The TK-5730 / 5830 / 5930 allows users to create a variety of configurations to suit different requirements by combining different options.

- **Single Remote Control Head/Single RF Deck:**
The simplest configuration - the mobile controlled by a remote control head.
- **Single Remote Control Head/Multi RF Decks:**
You can operate multiple (up to three) radio decks from a single control head.
- **Dual Remote Control Heads/Single RF Deck:**
One controller can be mounted on the dashboard, with the other control head remotely mounted (such as the back of an ambulance or fire apparatus).
- **Dual Remote Control Heads/Multi RF Decks:**
This adds the convenience of a dual control head to the above configuration. Advantage: 2 operators can control up to 3 radios from separate control heads.

*1 Requires KENWOOD OTAF Management software.

**1 requires KENWOOD OTAF management software.

Radio - Base Model	List Price	MS Two-Way Radio EPL 3744	Discount
TK-5930BF 7/800, 45 Watts, Analog, P25 Conventional, P25 Phase I Trunking RF Deck Only (No KCH-19 Control Head, KMC-35 Microphone, KMB-33 Bracket, KCT-23 DC Cable)	\$ 1,445.00	\$ 1,156.00	20%

Programming Cost: \$75.00 Installation Cost: \$75.00

Licensing System		List Price	MS Two-Way Radio EPL 3744	Discount
KPT-300LMC is a required software package that is used to authenticate software (FPU) and radio feature license keys for the TK-5x30 Series radios.				
KPT-300LMC	License Management Client	N/A	N/A	N/A
L-5000	KPT-300LMC License Key	N/A	N/A	N/A

Software Licensing Options		List Price	MS Two-Way Radio EPL 3744	Discount
Note: A unique license key is required for each PC with software installed. A single license key will not authorize multiple PCs.				

KPG-D1NK	License Key for KPG-D1NK Programming Software for TK-5x30 Portable/Mobile (Windows® Vista/7/8/8.1) Note: Requires KPT-300LMC for authentication	\$ 155.00	\$ 124.00	20%
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P25 Trunked Programming Capability (licensed by either 1 or 2 below):				
1. USB Key Type: Advanced System Key (ASK)- See KWD-ASK-MK and AK				
2. Software Key Type: System Key File (SKF)- See L-5005				

KPG-180AP	OTAP Manager Software • License includes 50 radios • To add more radios / serial ports, you must contact EF Johnson Technologies (1-800-328-3911 Option 1) Note: Requires KPT-300LMC for authentication	\$ 884.00	\$ 707.20	20%
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KAS-12K	License Key for KAS-12 Battery Reader Software for KNB-L1/2/3/ & KSC-Y32 (Windows® Vista/7/8/8.1) Note: Requires KPT-300LMC for authentication	\$ 85.00	\$ 68.00	20%
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Radio Feature License Options		List Price	MS Two-Way Radio EPL 3744	Discount
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PCs registered under the same KPT-300LMC Account Registration Key (License Key) will be able to authentic Radio Features that can then be viewed / shared / managed by all registered users for the account.
Note: Radio Feature License Keys can be transferable from a radio to radio within 72 hours count started from being authenticated to a Radio. Once license transfered radio is authenticated by KPT-300LMC, 72 hours is reset and count started from first.

L-5000	Account Registration Key Note: specify the number of PC's used for Radio Feature License Activation.	N/A	N/A	N/A
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General Radio Features				
KWD-5000CH	License Key for 4000 Channel Expansion	\$ 420.00	\$ 336.00	20%
KWD-5001FP	License Key for Front Panel Programming	\$ 300.00	\$ 240.00	20%

General Radio Features (cont'd)				
KWD-5002SD	License Key for microSD Memory Card Slot Activation	\$ 105.00	\$ 84.00	20%
P25 Radio Features				
KWD-5100CV	License Key for P25 Conventional	N/A	N/A	N/A
KWD-5101TR	License Key for P25 Phase 1 Trunking (requires KWD-5100CV)	N/A	N/A	N/A
KWD-5102TR	License Key for P25 Phase 2 Trunking (requires KWD-5100CV & KWD-5101TR)	\$ 400.00	\$ 320.00	20%
KWD-5103RK	License Key for P25 OTAR (requires KWD-5106DT for a Trunking Operation)	\$ 700.00	\$ 560.00	20%
KWD-5105VT	License Key for P25 Conventional Voting Scan	\$ 120.00	\$ 96.00	20%
KWD-5106DT	License Key for P25 Packet Data (required for Trunked OTAR/GPS/Text)	\$ 180.00	\$ 144.00	20%
Dash or Remote Configuration (Firmware Release 1.5 or Later required)				
		List Price	MS Two-Way Radio EPL 3744	Discount
TK-5930BF	7/800, 45 Watts, Analog, P25 Conventional, P25 Phase I Trunking - RF Deck Only (No KCH-19 Control Head, KMC-35 Microphone, KMB-33 Bracket, KCT-23 DC Cable)	\$ 1,445.00	\$ 1,156.00	20%
Programming Cost: \$75.00 Installation Cost: \$75.00				
KCH-19M	Basic Control Panel	\$ 180.00	\$ 144.00	20%
KCH-20RM	Full Featured Remote Control Panel Note: Remote configuration only. No Internal Speaker included. KES-5/3 is required.	\$ 600.00	\$ 480.00	20%
KRK-14HM	Control Head Interface Kit for KCH-19M	\$ 159.00	\$ 127.20	20%
KRK-15BM	Control Head Remote Kit for a RF Deck	\$ 50.00	\$ 40.00	20%
KCT-71M2	Remote Control Cable (17 feet)	\$ 70.00	\$ 56.00	20%
KCT-71M3	Remote Control Cable (25 feet)	\$ 80.00	\$ 64.00	20%
KMC-35	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)	\$ 52.50	\$ 42.00	20%
KMC-36	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	\$ 94.50	\$ 75.60	20%
KMB-33M	Standard Mounting Bracket (same as supplied)	\$ 14.00	\$ 11.20	20%
KES-3S	External speaker (compact low profile; black case; 3.5 mm phono plug-in)	\$ 44.25	\$ 35.40	20%
KES-5	External speaker, 40W max input Note: requires KAP-2 (PA/HA unit) or KCT-72M (connection cable) installed.	\$ 61.25	\$ 49.00	20%
KAP-2	Horn Alert/P.A. Relay Option	\$ 63.00	\$ 50.40	20%
KCT-72M	Accessory Connection Cable for KCH-20RM	\$ 36.70	\$ 29.36	20%
KCT-23M3	DC Cable (35-50W Remote mount; pos.23 ft.; neg. 3.3. ft. leads)	\$ 34.75	\$ 27.80	20%

Single Remote Control Configuration



Multi-Deck Options

Dual Deck Basic Single CH	Basic Control Head, DC Cables (Qty 2), Remote Control Cable [1.6 feet], Control Head Interface Kit, Standard Microphone, Remote Control Cable [17 feet], Standard Mounting Brackets (Qty 2), Control Head Remote Kits (Qty 2)	\$754.00	\$ 603.20	20%
Programming Cost: \$125.00 Installation Cost: \$200.00				
Dual Deck Basic Dual CH Single Speaker	Basic Control Heads (Qty 2), DC Cables (Qty 2), Remote Control Cable [1.6 feet], Control Head Interface Kits (Qty 2), Standard Microphones (Qty 2), Remote Control Cables [17 feet] (Qty 2), Standard Mounting Brackets (Qty 2), Control Head Remote Kits (Qty 2)	\$1,215.50	\$ 972.40	20%
Programming Cost: \$125.00 Installation Cost: \$250.00				
Dual Deck Featured Dual CH Single Speaker	Full Feature Control Heads (Qty 2), DC Cables (Qty 2), Remote Control Cable [1.6 feet], Standard Microphones (Qty 2), Remote Control Cables [17 feet] (Qty 2), Standard Mounting Brackets (Qty 2), Control Head Remote Kits (Qty 2), External Accessory Cables (Qty 2), External Speakers (Qty 2)	\$1,933.40	\$ 1,546.72	20%
Programming Cost: \$125.00 Installation Cost: \$250.00				
Dual Deck Basic Dual CH Dual Speaker	Basic Control Heads (Qty 2), DC Cables (Qty 2), Remote Control Cable [1.6 feet], Control Head Interface Kits (Qty 2), Standard Microphones (Qty 2), Remote Control Cables [17 feet] (Qty 2), Standard Mounting Brackets (Qty 2), Control Head Remote Kits (Qty 2), HA/PA Relays (Qty 2), External Speakers (Qty 2)	\$1,464.00	\$ 1,171.20	20%
Programming Cost: \$125.00 Installation Cost: \$250.00				

Dual Deck Featured Dual CH Dual Speaker	Full Feature Control Heads (Qty 2),DC Cables (Qty 2),Remote Control Cable [1.6 feet],Standard Microphones (Qty 2),Remote Control Cables [17 feet] (Qty 2),Standard Mounting Brackets (Qty 2),Control Head Remote Kits (Qty 2),HA/PA Relays (Qty 2),External Speakers (Qty 2)	\$1,986.00	\$	1,588.80	20%
Programming Cost: \$125.00 Installation Cost: \$250.00					
Triple Deck Basic Single CH Single Speaker	Basic Control Head,DC Cables (Qty 3),Remote Control Cables [1.6 feet] (Qty 2),Control Head Interface Kit,Standard Microphone,Remote Control Cable [17 feet],Standard Mounting Brackets (Qty 3),Control Head Remote Kits (Qty 3)	\$897.75	\$	718.20	20%
Programming Cost: \$175.00 Installation Cost: \$225.00					
Triple Deck Basic Single CH Triple Speaker	Basic Control Head,DC Cables (Qty 3),Remote Control Cables [1.6 feet] (Qty 2),Control Head Interface Kit,Standard Microphone,Remote Control Cable [17 feet],Standard Mounting Brackets (Qty 3),Control Head Remote Kits (Qty 3),HA/PA Relays (Qty 3),External Speakers (Qty 3)	\$1,270.50	\$	1,016.40	20%
Programming Cost: \$175.00 Installation Cost: \$250.00					
Triple Deck Basic Dual CH Single Speaker	Basic Control Heads (Qty 2), DC Cables (Qty 3), Remote Control Cables [1.6 feet] (Qty 2), Control Head Interface Kits (Qty 2), Standard Microphones (Qty 2), Remote Control Cables [17 feet] (Qty 2), Standard Mounting Brackets (Qty 3), Control Head Remote Kits (Qty 3)	\$1,359.25	\$	1,087.40	20%
Programming Cost: \$175.00 Installation Cost: \$225.00					
Triple Deck Basic Dual CH Triple Speaker	Basic Control Heads (Qty 2),DC Cables (Qty 3),Remote Control Cables [1.6 feet] (Qty 2),Control Head Interface Kits (Qty 2),Standard Microphones (Qty 2),Remote Control Cables [17 feet] (Qty 2),Standard Mounting Brackets (Qty 3),Control Head Remote Kits (Qty 3),HA/PA Relays (Qty 3),External Speakers (Qty 3)	\$1,732.00	\$	1,385.60	20%
Programming Cost: \$175.00 Installation Cost: \$275.00					
Triple Deck Featured Single CH Single Speaker	Full Feature Control Head,DC Cables (Qty 3),Remote Control Cables [1.6 feet] (Qty 2),Standard Microphone,Remote Control Cable [17 feet],Standard Mounting Brackets (Qty 3),Control Head Remote Kits (Qty 3),External Accessory Cable,External Speaker	\$1,256.70	\$	1,005.36	20%
Programming Cost: \$175.00 Installation Cost: \$225.00					

Triple Deck Featured Single CH Triple Speaker	Full Feature Control Head,DC Cables (Qty 3),Remote Control Cables [1.6 feet] (Qty 2),Standard Microphone,Remote Control Cable [17 feet],Standard Mounting Brackets (Qty 3),Control Head Remote Kits (Qty 3),HA/PA Relays (Qty 3),External Speakers (Qty 3)	\$1,531.50	\$	1,225.20	20%
Programming Cost: \$175.00 Installation Cost: \$250.00					
Triple Deck Featured Dual CH Single Speaker	Full Feature Control Heads (Qty 2),DC Cables (Qty 3),Remote Control Cables [1.6 feet] (Qty 2),Standard Microphones (Qty 2),Remote Control Cables [17 feet] (Qty 2),Standard Mounting Brackets (Qty 3),Control Head Remote Kits (Qty 3),External Accessory Cables (Qty 2),External Speakers (Qty 2)	\$2,077.15	\$	1,661.72	20%
Programming Cost: \$175.00 Installation Cost: \$225.00					
Triple Deck Featured Dual CH Triple Speaker	Full Feature Control Heads (Qty 2),DC Cables (Qty 3),Remote Control Cables [1.6 feet] (Qty 2),Standard Microphones (Qty 2),Remote Control Cables [17 feet] (Qty 2),Standard Mounting Brackets (Qty 3),Control Head Remote Kits (Qty 3),HA/PA Relays (Qty 3),External Speakers (Qty 3)	\$2,254.00	\$	1,803.20	20%
Programming Cost: \$175.00 Installation Cost: \$275.00					

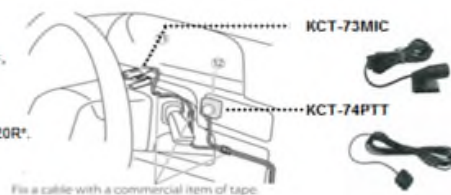
Mobile Installation Accessories		List Price	MS Two-Way Radio EPL 3744	Discount
KAP-2	Horn Alert/P.A. Relay Option	\$ 63.00	\$ 50.40	20%
KCT-23M	DC Cable (35-50W Dash mount; pos/neg. 10 ft. leads)	\$ 31.50	\$ 25.20	20%
KCT-23M3	DC Cable (35-50W Remote mount; pos.23 ft.; neg. 3.3. ft. leads)	\$ 34.75	\$ 27.80	20%
KCT-46	Ignition sense cable (plugs directly into mobile chassis ignition sense line)	\$ 13.70	\$ 10.96	20%
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	\$ 42.00	\$ 33.60	20%
KMB-10	Key lock adapter	\$ 26.30	\$ 21.04	20%
KMB-33M	Standard Mounting Bracket (same as supplied)	\$ 14.00	\$ 11.20	20%
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	\$ 173.00	\$ 138.40	20%
KRA-40GM	GPS Antenna	\$ 42.00	\$ 33.60	20%
Microphones & Speakers		List Price	MS Two-Way Radio EPL 3744	Discount
KMC-35	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug) - same as supplied	\$ 52.50	\$ 42.00	20%
KMC-36	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	\$ 94.50	\$ 75.60	20%
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug) Note: NOT compatible in a TDMA operation	\$ 86.00	\$ 68.80	20%
KES-3	External speaker (compact low profile; black case; 3.5 mm phono plug-in)	\$ 44.25	\$ 35.40	20%
KES-5	External speaker, 40W max input Note: requires KAP-2 (PA/HA unit) installed	\$ 61.25	\$ 49.00	20%
KCT-73MIC	External Microphone kit w/ 9.8 ft. cord for Safer Driving	\$ 27.00	\$ 21.60	20%
KCT-74PTT	External PTT Switch kit w/ 9.8 ft cord for Safer Driving	\$ 23.00	\$ 18.40	20%

Hands-free operation

To promote driver safety and meet hands-free regulations in certain regions, TK-5x30 series mobile offers external microphone and PTT as options.

NOTE: Connecting to the radio via DB25 terminal on backside of RF Deck or via optional KCT-72 "Connection Cable" on backside of KCH-19M and KCH-20R*. KCT-73MIC is not compatible with other NX/TK-mobile radios.

*Available in 2015 3Q



Encryption Modules	List Price	MS Two-Way Radio EPL 3744	Discount
<p>AES FIPS140-2 & DES Encryption Module (Multi-Key) Order a Labor Code L-5003 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)</p>	\$ 850.00	\$ 680.00	20%
<p>AES & DES Encryption Module (Multi-Key) Order a Labor Code L-5004 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)</p>	\$ 550.00	\$ 440.00	20%
<p>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)</p>	\$ 525.00	\$ 420.00	20%
<p>DES Encryption Software Key Loader for KWD-AE31K Authentication by KPT-300LMC is required Note: KPG-DE1 is a U.S. DOC/BIS Export Controlled Item (ECCN 5D992A.1)</p>	\$ 368.00	\$ 294.40	20%

Service Related Accessories		List Price	MS Two-Way Radio EPL 3744	Discount
KPG-46XM	Full Speed USB Programming interface cable	\$ 158.50	\$ 126.80	20%
KPG-115	Key Loader Interface Cable for Motorola KVL-3000/3000 Plus	\$ 262.50	\$ 210.00	20%
	Access Key for KPG-D1NK P25 trunked programming			
	Notes: Enables P25 Trunked system programming privileges in a KPG-D1NK.			
	<ul style="list-style-type: none"> • For TK-5x30 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. 	\$ 208.00	\$ 166.40	20%
	Master Key for activating KWD-ASK-AK Access Keys			
	- Restricted Purchase Requirements -			
	Notes:			
KWD-ASK-MK	<ul style="list-style-type: none"> • For TK-5x30 series only. • Sold to trunked system operator (SYSOP) or SYSOP authorized entities only • Must have KPG-D1NK • Purchase KWD-ASK-AK Access Keys if needed. 	\$ 500.00	\$ 400.00	20%
Installation/Tuning Charges		List Price	MS Two-Way Radio EPL 3744	Discount
L-5006	TK-5730/5830 Programming (with basic TX/RX check)	\$ 37.50	\$ 30.00	20%
L-5007	Install KWD-AE30K in TK-5x30 series Mobile (Must purchase module separately)	\$ 75.00	\$ 60.00	20%
L-5008	Install KWD-AE31K in TK-5x30 series Mobile (Must purchase module separately)	\$ 75.00	\$ 60.00	20%

Installation/Tuning Charges (cont'd)		List Price	MS Two-Way Radio EPL 3744	Discount
L-5005	KPG-D1NK System Key File (SKF) Note: Enables P25 Trunked system programming privileges in a KPG-D1NK. - Restricted Purchase Requirements - • Must have KPG-D1NK. • Non-SYSOP entities ordering L-5005 must provide verifiable written authorization from SYSOP to receive an *.SKF file.	\$ 132.00	\$ 105.60	20%
L-5015	Install KAP-2 (Default) HR1/Internal Sp./PA	\$ 25.00	\$ 20.00	20%
L-5016	Assemble TK-5x30 Mobile for Single Remote Head Control	\$ 42.00	\$ 33.60	20%
L-5020	KCT-71 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.	\$ 190.00	\$ 152.00	20%
L-5021	KCT-71 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.	\$ 245.00	\$ 196.00	20%

-- 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.**

The following information may be requested to be submitted at time of order (this information must meet internal approvals prior to shipment even if being returned 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:

KWD-AE20 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-AE20K modules to erroneous destinations specified on an order.