

Viking VP400 Portable Radio Price List

Radio - Base Model	Contract Price	List Price
2425X7AX53XXX 700/800 MHz, 762-806 MHz, 2.5W, and 806-870 MHz, 3W, Model 1 (no keypad)	\$ 1,020.00	\$ 1,275.00
2425X7BX53XXX 700/800 MHz, 762-806 MHz, 2.5W, and 806-870 MHz, 3W, Model 2 (limited keypad)	\$ 1,120.00	\$ 1,400.00
2425X7CX53XXX 700/800 MHz, 762-806 MHz, 2.5W, and 806-870 MHz, 3W, Model 3 (full keypad)	\$ 1,260.00	\$ 1,575.00
2425X1A653XXX VHF, 136-174 MHz, 5W, Model 1 (no keypad)	\$ 1,020.00	\$ 1,275.00
2425X1B653XXX VHF, 136-174 MHz, 5W, Model 2 (limited keypad)	\$ 1,120.00	\$ 1,400.00
2425X1C653XXX VHF, 136-174 MHz, 5W, Model 3 (full keypad)	\$ 1,260.00	\$ 1,575.00
2425X2A453XXX UHF, 380-470 MHz, 4W, Model 1 (no keypad)	\$ 1,020.00	\$ 1,275.00
2425X2B453XXX UHF, 380-470 MHz, 4W, Model 2 (limited keypad)	\$ 1,120.00	\$ 1,400.00
2425X2C453XXX UHF, 380-470 MHz, 4W, Model 3 (full keypad)	\$ 1,260.00	\$ 1,575.00

Antenna	Contract Price	List Price
No Antenna (credit)	\$ (12.00)	\$ (15.00)
700/800 MHz, 1/2 Wave	\$ -	\$ -
800 MHz, 1/2 Wave	\$ -	\$ -
VHF, 136-174 MHz Dipole, red core (VHF Wideband)	\$ 12.00	\$ 15.00
VHF, 136-151 MHz Helical, yellow core (Federal)	\$ -	\$ -
VHF, 151-162 MHz Helical, black core (Public Safety)	\$ -	\$ -
VHF, 162-174 MHz Helical, blue core (Business & Industrial)	\$ -	\$ -
UHF, 380-520 MHz, 1/4 Wave, white core	\$ -	\$ -

Battery	Contract Price	List Price
No Battery (credit)	\$ (32.00)	\$ (40.00)
Viking Li-ion Battery	\$ -	\$ -

Housing	Contract Price	List Price
Black Housing	\$ -	\$ -
High Visibility Housing	\$ 160.00	\$ 200.00

Protocol	Contract Price	List Price
1 Analog FM (included in base model)	\$ -	\$ -
2 Digital/Project 25 CAI AMBE+2 with Free Single-Key DES-OFB (includes protocol option 1)	\$ 120.00	\$ 150.00

System Option	Contract Price	List Price
<i>The following selections require Protocol Option 1 (Analog FM):</i>		
1 SMARTNET® II Trunking	\$ 380.00	\$ 475.00
2 SmartZone® Trunking	\$ 440.00	\$ 550.00
<i>The following selections require Protocol Option 2 (Digital/Project 25 CAI AMBE+2):</i>		
3 Project 25 Conventional System	\$ 220.00	\$ 275.00
4 Project 25 Phase 1 Trunking Only (includes system option 3)	\$ 288.00	\$ 360.00
5 Project 25 Phase 2 TDMA (includes system option 3 & 4)	\$ 528.00	\$ 660.00

Optional Features	Contract Price	List Price
Channels/Talkgroups		
1024 Channels/Talkgroups (standard)	\$ -	\$ -
Encryption (requires Protocol Option 2 - Digital/Project 25 CAI AMBE+2)		
Single-Key DES-OFB (included with Protocol Option 2)	\$ -	\$ -
Single-Key AES	\$ 96.00	\$ 120.00
DES-OFB (multi-key)	\$ 336.00	\$ 420.00
AES (multi-key)	\$ 288.00	\$ 360.00
ARC4 (ADP compatible)	\$ -	\$ -
Programming & Data		
MDC1200/GE-Star Signaling	\$ 40.00	\$ 50.00
FIRESafe™ First Responder	\$ 200.00	\$ 250.00
FIRESafe™ Command	\$ 280.00	\$ 350.00
<i>The following selection requires System Option 4 or 5):</i>		
Project 25 Authentication	\$ 60.00	\$ 75.00
<i>The following selection requires Protocol Option 2 (Digital/Project 25 CAI AMBE+2):</i>		
OTAP (Over-the-Air Programming)	\$ 160.00	\$ 200.00

Viking VP600 Portable Radio Price List

Radio - Base Model		Contract Price	List Price
242577AX53XXX	700/800 MHz, 762-806 MHz, 2.5W, and 806-870 MHz, 3W, Model 1 (no keypad)	\$ 1,360.00	\$ 1,700.00
242577BX53XXX	700/800 MHz, 762-806 MHz, 2.5W, and 806-870 MHz, 3W, Model 2 (limited keypad)	\$ 1,480.00	\$ 1,850.00
242577CX53XXX	700/800 MHz, 762-806 MHz, 2.5W, and 806-870 MHz, 3W, Model 3 (full keypad)	\$ 1,680.00	\$ 2,100.00
242571A653XXX	VHF, 136-174 MHz, 5W, Model 1 (no keypad)	\$ 1,360.00	\$ 1,700.00
242571B653XXX	VHF, 136-174 MHz, 5W, Model 2 (limited keypad)	\$ 1,480.00	\$ 1,850.00
242571C653XXX	VHF, 136-174 MHz, 5W, Model 3 (full keypad)	\$ 1,680.00	\$ 2,100.00
242572A453XXX	UHF, 380-470 MHz, 4W, Model 1 (no keypad)	\$ 1,360.00	\$ 1,700.00
242572B453XXX	UHF, 380-470 MHz, 4W, Model 2 (limited keypad)	\$ 1,480.00	\$ 1,850.00
242572C453XXX	UHF, 380-470 MHz, 4W, Model 3 (full keypad)	\$ 1,680.00	\$ 2,100.00

Antenna		Contract Price	List Price
No Antenna (credit)		\$ (12.00)	\$ (15.00)
700/800 MHz, 1/2 Wave		\$ -	\$ -
800 MHz, 1/2 Wave		\$ -	\$ -
VHF, 136-174 MHz Dipole, red core (VHF Wideband)		\$ 12.00	\$ 15.00
VHF, 136-151 MHz Helical, yellow core (Federal)		\$ -	\$ -
VHF, 151-162 MHz Helical, black core (Public Safety)		\$ -	\$ -
VHF, 162-174 MHz Helical, blue core (Business & Industrial)		\$ -	\$ -
UHF, 380-520 MHz, 1/4 Wave, white core		\$ -	\$ -

Battery		Contract Price	List Price
No Battery (credit)		\$ (32.00)	\$ (40.00)
Viking Li-ion Battery		\$ -	\$ -

Housing		Contract Price	List Price
Black Housing		\$ -	\$ -
High Visibility Housing		\$ 160.00	\$ 200.00

Protocol		Contract Price	List Price
1	Analog FM	\$ -	\$ -

2 Digital/Project 25 CAI AMBE+2 with Free Single-Key DES-OFB (includes protocol option 1) \$ 160.00 \$ 200.00

	System Option	Contract Price	List Price
1	Conventional System	\$ 280.00	\$ 350.00
2	SMARTNET® II Trunking (includes system option 1)	\$ 500.00	\$ 625.00
3	SmartZone® Trunking (includes system options 1 & 2)	\$ 580.00	\$ 725.00
	The following selections require Protocol Option 2 (Digital/Project 25 CAI AMBE+2):		
4	Project 25 Conventional System	\$ 280.00	\$ 350.00
5	Project 25 Phase 1 Trunking Only (includes system option 4)	\$ 380.00	\$ 475.00
6	Project 25 Phase 2 TDMA (includes system option 4 & 5)	\$ 700.00	\$ 875.00
7	Project 25 Phase 1 Trunking and SmartZone® Trunking (includes system options 2 & 4)	\$ 680.00	\$ 850.00
8	Project 25 Phase 2 TDMA and SmartZone® Trunking (includes system options 2, 4 & 5)	\$ 1,000.00	\$ 1,250.00

	Optional Features	Contract Price	List Price
	Channels/Talkgroups		
	1024 Channels/Talkgroups (standard)	\$ -	\$ -
	Encryption (requires Protocol Option 2 - Digital/Project 25 CAI AMBE+2)		
	Single-Key DES-OFB (included with Protocol Option 2)	\$ -	\$ -
	Single-Key AES	\$ 120.00	\$ 150.00
	DES-OFB (multi-key)	\$ 440.00	\$ 550.00
	AES (multi-key)	\$ 380.00	\$ 475.00
	ARC4 (ADP compatible)	\$ -	\$ -
	Programming & Data		
	MDC1200/GE-Star Signaling	\$ 40.00	\$ 50.00
	Rebanding (requires 700/800 MHz)	\$ 88.00	\$ 110.00
	FIRESafe™ First Responder	\$ 200.00	\$ 250.00
	FIRESafe™ First Command (includes FIRESafe™ First Responder)	\$ 280.00	\$ 350.00
	GPS (requires 700/800 MHz)	\$ 80.00	\$ 100.00
	Third Party Interface	\$ 120.00	\$ 150.00
	Keypad Programming (U.S. Federal Government Only)	\$ 40.00	\$ 50.00
	The following selections require Protocol Option 2 (Digital/Project 25 CAI AMBE+2):		
	Project 25 Data Conventional	\$ 112.00	\$ 140.00
	Project 25 OTAR Conventional & Trunking	\$ 600.00	\$ 750.00
	OTAP (Over-the-Air Programming)	\$ 160.00	\$ 200.00

The following selections require a System Option 5-8 (options with Phase 1 or Phase 2):

Project 25 Authentication	\$	80.00	\$	100.00
Project 25 Data Trunking (includes Project 25 Data Conventional)	\$	160.00	\$	200.00



Viking VP900 Portable Radio Price List

Radio - Base Model		Contract Price	List Price
2425AAAA53XXX	700/800 MHz, 762-806 MHz + VHF 2.5W, and 806-870 MHz, 3W, Model 1 (no keypad)	\$ 2,000.00	\$ 2,500.00
2425AABA53XXX	700/800 MHz, 762-806 MHz + VHF 2.5W, and 806-870 MHz, 3W, Model 2 (limited keypad)	\$ 2,160.00	\$ 2,700.00
2425AACA53XXX	700/800 MHz, 762-806 MHz + VHF 2.5W and VHF and 806-870 MHz, 3W, Model 3 (full keypad)	\$ 2,320.00	\$ 2,900.00
Antenna		Contract Price	List Price
Multiband 700/800 + VHF Standard		\$ -	\$ -
Multiband 700/800 + VHF Flexible		\$ -	\$ -
Battery		Contract Price	List Price
No Battery (credit)		\$ (32.00)	\$ (40.00)
Viking Li-ion Battery		\$ -	\$ -
Housing		Contract Price	List Price
Black Housing		\$ -	\$ -
High Visibility Housing		\$ 160.00	\$ 200.00
Protocol		Contract Price	List Price
1	Analog FM	\$ -	\$ -
2	Digital/Project 25 CAI AMBE+2 with Free Single-Key DES-OFB (includes protocol option 1)	\$ 160.00	\$ 200.00
System Option		Contract Price	List Price
1	Conventional System	\$ 280.00	\$ 350.00
2	SMARTNET® II Trunking (includes system option 1)	\$ 500.00	\$ 625.00
3	SmartZone® Trunking (includes system options 1 & 2)	\$ 580.00	\$ 725.00
<i>The following selections require Protocol Option 2 (Digital/Project 25 CAI AMBE+2):</i>			
4	Project 25 Conventional System	\$ 280.00	\$ 350.00
5	Project 25 Phase 1 Trunking Only (includes system option 4)	\$ 380.00	\$ 475.00
6	Project 25 Phase 2 TDMA (includes system option 4 & 5)	\$ 700.00	\$ 875.00
7	Project 25 Phase 1 Trunking and SmartZone® Trunking (includes system options 2 & 4)	\$ 680.00	\$ 850.00

Project 25 Phase 2 TDMA and SmartZone® Trunking (includes system options 2, 4 & 5) \$ 1,000.00 \$ 1,250.00

Optional Features	Contract Price	List Price
Channels/Talkgroups		
2048 Channels/Talkgroups (standard)	\$ -	\$ -
Encryption (requires Protocol Option 2 - Digital/Project 25 CAI AMBE+2)		
Single-Key DES-OFB (included with Protocol Option 2)	\$ -	\$ -
Single-Key AES	\$ 120.00	\$ 150.00
DES-OFB (multi-key)	\$ 440.00	\$ 550.00
AES (multi-key)	\$ 380.00	\$ 475.00
DES-OFB + AES (Multi-Key)	\$ 600.00	\$ 750.00
ARC4 (ADP compatible)	\$ -	\$ -
Programming & Data		
MDC1200/GE-Star Signaling	\$ 40.00	\$ 50.00
Rebanding (requires 700/800 MHz)	\$ 88.00	\$ 110.00
FIRESafe™ First Responder	\$ 200.00	\$ 250.00
FIRESafe™ First Command (includes FIRESafe™ First Responder)	\$ 280.00	\$ 350.00
GPS	\$ 80.00	\$ 100.00
Third Party Interface	\$ 120.00	\$ 150.00
Keypad Programming (U.S. Federal Government Only)	\$ 40.00	\$ 50.00
<i>The following selections require Protocol Option 2 (Digital/Project 25 CAI AMBE+2):</i>		
Project 25 Data Conventional	\$ 112.00	\$ 140.00
Project 25 OTAR Conventional & Trunking	\$ 600.00	\$ 750.00
OTAP (Over-the-Air Programming)	\$ 160.00	\$ 200.00
<i>The following selections require a System Option 5-8 (options with Phase 1 or Phase 2):</i>		
Project 25 Authentication	\$ 80.00	\$ 100.00
Project 25 Data Trunking (includes Project 25 Data Conventional)	\$ 160.00	\$ 200.00

Viking VM400 Mobile Radio Price List

	Radio - Base Model	Contract Price	List Price
2425W7GXXXXXA28	700/800 MHz, 30/35W, 762-870 MHz Dash Mount	\$ 1,020.00	\$ 1,275.00
2425W7HXXXXXA28	700/800 MHz, 30/35W, 762-870 MHz Remote Mount	\$ 1,020.00	\$ 1,275.00
2425W7GXXXBXA28	700/800 MHz, 30/35W, 762-870 MHz Control Station (includes Power supply & cabinet)	\$ 1,256.00	\$ 1,570.00

	Control Head Type	Contract Price	List Price
Dash Mount Options			
Standard LCD Control Head			
	Dash-Mount Control Head (includes standard palm mic)	\$ 48.00	\$ 60.00
	Dash-Mount Control Head with no mic	\$ -	\$ -
	Dash-Mount Control with Remote Control Head (includes one remote control head & normal bracket)	\$ 460.00	\$ 575.00
Remote Mount Options			
Standard LCD Control Head			
	Remote Control Head (includes standard palm mic)	\$ 340.00	\$ 425.00
	Remote Control Head with no mic	\$ 280.00	\$ 350.00
	Dual Control Head (includes two remote control heads attached to the remote mount radio, two microphones, and two mounting brackets)	\$ 720.00	\$ 900.00
	Dual Control Head with no mics	\$ 624.00	\$ 780.00

	Accessory Cable	Contract Price	List Price
	Cable, Serial, USB, Standard Interface R597-5357-70201 (included with dash mount)	\$ -	\$ -
	Cable, Single remote, Serial, USB, Standard Interface R597-5357-70701 (included with remote mount)	\$ -	\$ -
	Cable, Single remote, Serial, USB, Standard Interface R597-5357-70701 (dash mount)	\$ 24.00	\$ 30.00
	Cable, Single Remote, Serial, USB, PVP/UDDI, Standard Interface R597-5357-73801 (remote mount)	\$ 48.00	\$ 60.00
	Cable, Dual Remote, Serial, USB, Standard R597-5357-74201 (included with remote dual mount)	\$ -	\$ -
	Cable, Dual Remote, Serial, USB, Standard R597-5357-74201 (single remote mount)	\$ 48.00	\$ 60.00

	Protocol	Contract Price	List Price
1	Analog FM	\$ -	\$ -
2	Digital/Project 25 CAI AMBE+2 with Free Single-Key DES-OFB (includes protocol option 1)	\$ 200.00	\$ 250.00

System Option		Contract Price	List Price
<i>The following selections require Protocol Option 1 (Analog FM):</i>			
1	Conventional System/SMARTNET® II Trunking	\$ 360.00	\$ 450.00
2	Conventional System/SMARTNET® II Trunking/SmartZone® Trunking	\$ 440.00	\$ 550.00
<i>The following selections require Protocol Option 2 (Digital/Project 25 CAI AMBE+2):</i>			
3	Project 25 Conventional System	\$ 340.00	\$ 425.00
4	Project 25 Phase 1 Trunking Only (includes system option 3)	\$ 460.00	\$ 575.00
5	Project 25 Phase 2 TDMA (includes system option 3 & 4)	\$ 780.00	\$ 975.00
Optional Features		Contract Price	List Price
Channels/Talkgroups			
	1024 Channels/Talkgroups (standard)	\$ -	\$ -
Encryption (requires Protocol Option 2 - Digital/Project 25 CAI AMBE+2)			
	Single-Key DES-OFB (included with Protocol Option 2)	\$ -	\$ -
	Single-Key AES	\$ 96.00	\$ 120.00
	DES-OFB (multi-key)	\$ 336.00	\$ 420.00
	AES (multi-key)	\$ 288.00	\$ 360.00
	ARC4 (ADP compatible)	\$ -	\$ -
Programming & Data			
	MDC1200/GE-Star Signaling	\$ 40.00	\$ 50.00
<i>The following selection requires System Option 4 or 5):</i>			
	Project 25 Authentication	\$ 60.00	\$ 75.00
<i>The following selection requires Protocol Option 2 (Digital/Project 25 CAI AMBE+2):</i>			
	OTAP (Over-the-Air Programming)	\$ 160.00	\$ 200.00

Viking VM600 Mobile Radio Price List

Radio - Base Model		Contract Price	List Price
242567GXXXXAA28	700/800 MHz, 30/35W, 762-870 MHz Dash Mount	\$ 1,360.00	\$ 1,700.00
242567HXXXXAA28	700/800 MHz, 30/35W, 762-870 MHz Remote Mount	\$ 1,360.00	\$ 1,700.00
242567GXXXBAA28	700/800 MHz, 30/35W, 762-870 MHz Control Station (includes Power supply & cabinet)	\$ 1,596.00	\$ 1,995.00

Control Head Type	Contract Price	List Price
Dash Mount Options		
Standard LCD Control Head		
Dash-Mount Control Head (includes standard palm mic)	\$ 64.00	\$ 80.00
Dash-Mount Control Head with no mic	\$ -	\$ -
Dash-Mount Control with Remote Control Head (includes one remote control head & normal bracket)	\$ 600.00	\$ 750.00
Lightning Control Head		
Dash-Mount Control Head (includes standard palm mic & external speaker)	\$ 688.00	\$ 860.00
Dash-Mount Control Head with no mic (includes external speaker)	\$ 624.00	\$ 780.00
Dash-Mount Control with Remote Control Head (includes one remote control head, additional mic & remote control head)	\$ 1,752.00	\$ 2,190.00
Remote Mount Options		
Standard LCD Control Head		
Remote Control Head (includes standard palm mic)	\$ 440.00	\$ 550.00
Remote Control Head with no mic	\$ 376.00	\$ 470.00
Dual Control Head (includes two remote control heads attached to the remote mount radio, two microphones, and two mounting brackets)	\$ 960.00	\$ 1,200.00
Dual Control Head with no mics	\$ 832.00	\$ 1,040.00
Remote Mount Options		
Lightning Control Head		
Remote Control Head (includes standard palm mic & external speaker)	\$ 1,056.00	\$ 1,320.00
Remote Control Head with no mic (includes external speaker)	\$ 992.00	\$ 1,240.00
Dual Control Head (includes two remote control heads attached to the remote mount radio, two microphones, two mounting brackets, and two external speakers)	\$ 2,192.00	\$ 2,740.00
Dual Control Head with no mics (includes two external speakers)	\$ 2,064.00	\$ 2,580.00

Accessory Cable		Contract Price	List Price
	Cable, Serial, USB, Standard Interface R597-5357-70201 (included with dash mount)	\$ -	\$ -
	Cable, Single remote, Serial, USB, Standard Interface R597-5357-70701 (included with remote mount)	\$ -	\$ -
	Cable, Single remote, Serial, USB, Standard Interface R597-5357-70701 (dash mount)	\$ 24.00	\$ 30.00
	Cable, Single Remote, Serial, USB, PVP/UDDI, Standard Interface R597-5357-73801 (remote mount)	\$ 48.00	\$ 60.00
	Cable, Dual Remote, Serial, USB, Standard R597-5357-74201 (included with remote dual mount)	\$ -	\$ -
	Cable, Dual Remote, Serial, USB, Standard R597-5357-74201 (single remote mount)	\$ 48.00	\$ 60.00

Protocol		Contract Price	List Price
1	Analog FM	\$ -	\$ -
2	Digital/Project 25 CAI AMBE+2 with Free Single-Key DES-OFB (includes protocol option 1)	\$ 280.00	\$ 350.00

System Option		Contract Price	List Price
1	Conventional System	\$ 440.00	\$ 550.00
2	SMARTNET® II Trunking (includes system option 1)	\$ 480.00	\$ 600.00
3	SmartZone® Trunking (includes system options 1 & 2)	\$ 600.00	\$ 750.00
<i>The following selections require Protocol Option 2 (Digital/Project 25 CAI AMBE+2):</i>			
4	Project 25 Conventional System	\$ 440.00	\$ 550.00
5	Project 25 Phase 1 Trunking Only (includes system option 4)	\$ 620.00	\$ 775.00
6	Project 25 Phase 2 TDMA (includes system option 4 & 5)	\$ 940.00	\$ 1,175.00
7	Project 25 Phase 1 Trunking and SmartZone® Trunking (includes system options 2 & 4)	\$ 780.00	\$ 975.00
8	Project 25 Phase 2 TDMA and SmartZone® Trunking (includes system options 2, 4 & 5)	\$ 1,100.00	\$ 1,375.00

Optional Features		Contract Price	List Price
Channels/Talkgroups			
	1024 Channels/Talkgroups (standard)	\$ -	\$ -
Encryption (requires Protocol Option 2 - Digital/Project 25 CAI AMBE+2)			
	Single-Key DES-OFB (included with Protocol Option 2)	\$ -	\$ -
	Single-Key AES	\$ 120.00	\$ 150.00
	DES-OFB (multi-key)	\$ 440.00	\$ 550.00
	AES (multi-key)	\$ 380.00	\$ 475.00
	ARC4 (ADP compatible)	\$ -	\$ -

Programming & Data

MDC1200/GE-Star Signaling	\$	40.00	\$	50.00
Rebanding	\$	88.00	\$	110.00
Third Party Interface	\$	120.00	\$	150.00
<i>The following selection requires Protocol Option 2 (Digital/Project 25 CAI AMBE+2):</i>				
Project 25 Data Conventional	\$	112.00	\$	140.00
Project 25 OTAR Conventional & Trunking	\$	600.00	\$	750.00
OTAP (Over-the-Air Programming)	\$	160.00	\$	200.00
OTIP (Over-the-Intranet Programming)	\$	-	\$	-
<i>The following selections require a System Option 5-8 (options with Phase 1 or Phase 2):</i>				
Project 25 Authentication	\$	80.00	\$	100.00
Project 25 Data Trunking (includes Project 25 Data Conventional)	\$	160.00	\$	200.00

Accessories

Mobile Control Station Audio Accessories		Contract Price	List Price
589001202202	Desk Mic, 12-PIN Conn, Low Tier *Air* Viking Only	\$ 100.00	\$ 125.00
589001202201	Desk Mic, 13-PIN Conn, Low Tier *Air*	\$ 100.00	\$ 125.00
5890012023	Desk Mic, Hirose Connector 12 PINN, PEIKER	\$ 384.00	\$ 480.00
Mobile Antenna		Contract Price	List Price
5010012001	Antenex, 136-512 MHz 3/4" Hole, N-Male	\$ 44.00	\$ 55.00
5010012011	Antenna Kit, Mobile Magnetic Mount	\$ 72.00	\$ 90.00
5010012020	Antenna Kit 760-840 MHz Lo-Profile Black BMLPV700	\$ 68.00	\$ 85.00
5010012021	700/800 MHz Mobile Roof Mount Antenna Kit (3db)	\$ 64.00	\$ 80.00
Mobile Control Head Accessories		Contract Price	List Price
2505300012	Conversion Kit, Dash to Remote, Lightning	\$ 428.00	\$ 535.00
2505300002	5300ES Rmt Control HD Kit, Single or Dual Control	\$ 380.00	\$ 475.00
2505300003	Standard Remote Control HD Kit, Secont Remote Cont. Head	\$ 520.00	\$ 650.00
597535777501	Cable Assembly, Interface, 6ft Remote Control Head	\$ 80.00	\$ 100.00
597535777502	Cable Assembly, Extension, 17ft Remote Control Head	\$ 128.00	\$ 160.00
597535777503	Cable Assembly, Extension, 50ft Remote Control Head	\$ 240.00	\$ 300.00
7215100010	5100 Series Front Housing Opening Tool	\$ 100.00	\$ 125.00
Mobile Control Head Accessories		Contract Price	List Price
250074031001	Mobile Standard Microphone, 13 PIN Conn *Air*	\$ 80.00	\$ 100.00
589001603503	Digital Keypad Microphone (13-PIN)	\$ 232.00	\$ 290.00
589001603603	Dual Remote Noise Cancelling Digital Keypad Mic (13 PIN)	\$ 232.00	\$ 290.00
589001656003	Dual Remote Noise Cancelling Microphone (13 PIN)	\$ 140.00	\$ 175.00
250074031002	Mobile Standard Microphone, 12-PIN Conn *Air*	\$ 80.00	\$ 100.00
250530013	Lightning Remote Control Head Kit, Second Remote Control Head	\$ 1,056.00	\$ 1,320.00
589001603504	Lightning Digital Keyad Microphone (12-PIN)	\$ 232.00	\$ 290.00
589001603604	Lightning Control Head Dual Remote Noise Cancellation Digital Keypad Mic (12-PIN)	\$ 232.00	\$ 290.00

589001656004	Lightning Control Head Remote Noise Cancellation Speaker Mic	\$	140.00	\$	175.00
2500151005	Mobile 5in Speaker 15W, Mono Plug	\$	64.00	\$	80.00
2500151006	Mobile 5in Speaker 15W, Crimp Leads	\$	60.00	\$	75.00
2505300300	5300ES PA/Siren Kit *Air*	\$	800.00	\$	1,000.00
Mobile Mounting Hardware			Contract Price		List Price
R597535773801	Cable, Single Remote, Serial, USB, PVP/UDDI, Standard Interface	\$	144.00	\$	180.00
Mobile Control Station Accessories			Contract Price		List Price
2505300214	Kit, ES Control Station Enclosure, 30AMP	\$	344.00	\$	430.00
5010001300	Polyphaser	\$	84.00	\$	105.00
5010001301	Mounting Hardware for BA1012 Antenna	\$	144.00	\$	180.00
5010011013	VHF Control Station Antenna *Air*	\$	476.00	\$	595.00
5010102001	UHF Control Station Antenna *Air*	\$	180.00	\$	225.00
51530100006	N-Male Connector for 1/4 FSJI-50A Cable	\$	16.00	\$	20.00
5855300100	Base Station Kit, IDA 431-BAK-EFJ-T	\$	1,560.00	\$	1,950.00
5855300102	Programming Kit, IDA 431-RBC-003	\$	104.00	\$	130.00
5855300106	Tone Remote, With Desk Microphone, IDA 431-24-66M	\$	896.00	\$	1,120.00
5855300108	Tone Termination Panel, IDA 431-20-28B	\$	640.00	\$	800.00
5855300110	PAE/NTCH Filter, T Remote Option, IDA 431-RBC-613	\$	88.00	\$	110.00
5855300112	Interface Cable, Tone Term PDL, IDA 106-28EF J5300	\$	70.40	\$	88.00
5855300114	Clock VU MTR Remote Option 610, IDA 431-RBC-611	\$	96.00	\$	120.00
5855300116	4-Wire Remote Option 611, IDA 431-RBC-611	\$	48.00	\$	60.00
5855300118	Supervisor/ Alt Mn, Remote Option 612, IDA 431-RBC-612	\$	48.00	\$	60.00
5855300120	12V Battery Cable, Remote Option 614, IDA 431-RBC-614	\$	14.40	\$	18.00
5855300122	2nd Line/Sum Audio, Remote Option 615, IDA 431-RBC-615	\$	160.00	\$	200.00
5855300124	One Touch TX, Remote Option 616, IDA 431-RBC-616	\$	20.00	\$	25.00
5855300126	99 Channel Remote Option 617, IDA 431-RBC-617	\$	480.00	\$	600.00
5855300128	99 Channel DTMF, Remote Option 618, IDA 431-RBC-618	\$	800.00	\$	1,000.00
5855300130	Alpha Numeric Display, Remote Option 620, IDA 431-RBC-620	\$	120.00	\$	150.00
5855300132	8-Line Multiline Interface, IDA 20-88-M02	\$	1,160.00	\$	1,450.00

5973005002	1/4" Superflex	\$	1.60	\$	2.00
Portable Spare Batteries/Chargers			Contract Price		List Price
5875100373	Battery, lithium ion, IP67, FM certified	\$	124.00	\$	155.00
5875100374	Battery, lithium ion, immersion rated	\$	104.00	\$	130.00
5630600135	Charger, vehicular, multi-chem, single bay	\$	316.00	\$	395.00
5630600236	Charger, single bay, rapid rate	\$	100.00	\$	125.00
5630600361	Charger, multi-bay, tri-chem	\$	520.00	\$	650.00
2500600245	Bracket, charger kit, wall mount	\$	32.00	\$	40.00
Portable Carrying Accessories			Contract Price		List Price
5084600100	Shoulder strap, leather, heavy duty (adjustable)	\$	52.00	\$	65.00
5084600609	Leather case, belt flap, mil strap, model 1 (does not include strap)	\$	52.00	\$	65.00
5084600610	Leather case, D swivel belt loop, model 1 (can be used with model 2 & 3, front of radio not visible when in holster)	\$	56.00	\$	70.00
5084600611	Leather case, belt flap, model 3	\$	56.00	\$	70.00
5084600612	Leather case, D swivel belt loop, model 3	\$	56.00	\$	70.00
5084600655	Leather case, belt loop, mil strap, model 1 (does not include strap; can be used with model 2 & 3, front of radio not visible when in holster)	\$	48.00	\$	60.00
5084600652	Nylon case, D swivel belt loop, model 3	\$	48.00	\$	60.00
5855100128	Belt clip, 2 1/4" spring loaded	\$	12.00	\$	15.00
585510015101	Leather case, D swivel belt loop, 3"	\$	32.00	\$	40.00
Portable Microphones & Audio Accessories			Contract Price		List Price
5892006057	Earpiece, coil cord, no PTT, 3.5 mm, rt angle plug	\$	56.00	\$	70.00
5895100055	2-Wire palm mic kit w/earpiece (requires #5895100051 accessory adapter)	\$	112.00	\$	140.00
5895100056	3-Wire lapel mic kit (requires #5895100051 accessory adapter)	\$	144.00	\$	180.00
5895100051	Accessory adapter w/3.5 mm threaded jack	\$	68.00	\$	85.00
8360600050	Accessory adapter, bluetooth	\$	184.00	\$	230.00
8360600151	Lapel mic, bluetooth, PTT + earpiece	\$	136.00	\$	170.00
5890015059	Headset w/standard in-line PTT for accessory adapter (requires #5895100051 accessory adapter)	\$	92.00	\$	115.00

589360005218	Speaker mic, basic w/emergency button, 3.5 mm jack, 18"	\$	120.00	\$	150.00
589360005225	Speaker mic, basic w/emergency button, 3.5 mm jack, 25"	\$	120.00	\$	150.00
589360005230	Speaker mic, basic w/emergency button, 3.5 mm jack, 30"	\$	120.00	\$	150.00
589360005618	Speaker mic, public safety w/emergency button, 3.5 mm jack, 18"	\$	252.00	\$	315.00
589360005625	Speaker mic, public safety w/emergency button, 3.5 mm jack, 25"	\$	252.00	\$	315.00
589360005630	Speaker mic, public safety w/emergency button, 3.5 mm jack, 30"	\$	252.00	\$	315.00
5893600058	Speaker mic, GPS w/emergency button, 3.5 mm jack, hi/lo	\$	408.00	\$	510.00
Portable Knob Kits			Contract Price		List Price
2505100010	Knob Kit, Round Channel, Round and Flat Volume	\$	9.60	\$	12.00
2505100011	Knob Kit, Blade Channel, Round Volume	\$	9.60	\$	12.00
Portable Antennas			Contract Price		List Price
5010017101	VHF Antenna 136-151 MHz Helical (Yellow Core) - Viking and ES Models	\$	24.00	\$	30.00
5010017103	VHF Antenna 151-166 MHz Helical (Black Core) - Viking and ES Models	\$	24.00	\$	30.00
5010017105	VHF Antenna 166-174 MHz Helical (Blue Core) - Viking and ES Models	\$	24.00	\$	30.00
5010017107	5100 380-512 MHz Antenna 1/4 Wave Whip SMA - Viking and ES Models	\$	24.00	\$	30.00
5010017110	Wide Band VHF 136-174 MHz, MP Antenna - ES Only	\$	36.00	\$	45.00
5010105012	1/4 Wave 800MHz Whip Antenna - Both Viking and ES Models	\$	24.00	\$	30.00
5010105013	1/2 Wave 800 MHz Antenna - Both Viking and ES Models	\$	24.00	\$	30.00
5010105073	Portable Antenna 7/800 MHz, 1/2 Wave Whip (Green Core) Viking and ES Models	\$	24.00	\$	30.00
Software Applications			Contract Price		List Price
250060069911	Viking Tune, Portable & Mobile Kit (Viking series tune cable - #023-0600-971, Audio cable 2.5MM to BNC - 023-5100-950, RPI Programming Box - 023-5300-001, Mobile Programming cable - R597-5357-791, Viking Tune Software - 023-0603-204, SMA/BNC Adapter)	\$	1,040.00	\$	1,300.00
230603203	Viking Tune - Viking Series, CD Media	\$	220.00	\$	275.00
250060060012	Viking Tune, Mobile Kit (Audio cable 2.5MM to BNC - 023-5100-950, RPI Programming Box - 023-5300-001, Mobile Programming cable - R597-5357-791, Viking Tune Software - 023-0603-205)	\$	480.00	\$	600.00

250060075003	Viking Tune, Viking Series Radio Tune SW Kit (Viking series tune Cable - 023-0600-971, Audio cable 2.5MM to BNC - 023-5100-950, Viking Tune Software - 023-0603-204, SMA/BNC Adapter)	\$	720.00	\$	900.00
23060120013	Armada, CD Media with Armada Viking programming software/OTAP/DRS/EliteBattery Software	\$	280.00	\$	350.00
250060070015	Armada Kit, Viking Portable Series, USB Cable (includes Viking portable programming cable - 597-0600-970 & Armada programming software - 023-0601-20014)	\$	396.00	\$	495.00
250060078814	Armada Kit, Viking Mobile Series, USB Cable (includes Viking mobile programming cable - R597-5357-791 & Armada programming software - 023-0601-20014)	\$	364.00	\$	455.00
250060079914	Armada Kit, Viking Portable & Mobile, USB Cables	\$	496.00	\$	620.00

Encryption Accessories		Contract Price	List Price
2505000955	PDA, SMA PC Keyloader w/ Software Cables	\$ 3,104.00	\$ 3,880.00
235000950	SMA Keyloader Cable Assembly, Mobile, Hirose	\$ -	\$ -
5855000938	3rd Party Keyloader Cable (13 pin)	\$ 240.00	\$ 300.00
235000940	SMA Keyloader Cable Assembly, Portable	\$ 220.00	\$ 275.00
5855000935	5100 Keyloader Cable, Modified MOT TDM9390D	\$ 220.00	\$ 275.00
23500095002	SMA Keyloader Cable Assembly, Mobile, 12-Pinn Connection *Air*	\$ 240.00	\$ 300.00

Software Upgrades		Contract Price	List Price
299UPGR175	Radio Authentication P25 - Field Upgrade	\$ 80.00	\$ 100.00
299UPGR200	Upgrade - P25 Phase 1 to Phase 2 (Viking only)	\$ 320.00	\$ 400.00
299UPGR099	ARC 4 Software Encryption	\$ 40.00	\$ 50.00
299UPGR100	DES/DES OFB Field Upgrade - Single Key	\$ 480.00	\$ 600.00
299UPGR10001	DES/OFB Multi-Key Encryption	\$ 440.00	\$ 550.00
299UPGR103	AES Field Upgrade - Single Key	\$ 400.00	\$ 500.00
299UPGR10301	AES Multi Key Encryption	\$ 480.00	\$ 600.00
299UPGR104	P25 PTAR (Conventional & Trunking) Field Upgrade	\$ 640.00	\$ 800.00
299UPGR105	P25 Data Conventional Field Upgrade	\$ 160.00	\$ 200.00
299UPGR106	P25 Data Trunking Field Upgrade	\$ 200.00	\$ 250.00
299UPGR107	Zone Fail Site Lock Field Upgrade	\$ 80.00	\$ 100.00

299UPGR114	MDS Upgrade	\$	80.00	\$	100.00
299UPGR115	Software Upgrade, 48 to 256 Channels - 5100 ES Radios Only	\$	240.00	\$	300.00
299UPGR116	Software Upgrade, 256 to 512 Channels - 5100 ES Radios Only	\$	160.00	\$	200.00
299UPGR117	Software Upgrade, 512 to 864 Channels	\$	240.00	\$	300.00
299UPGR118	Software Upgrade, OTAP (Over the Air Programming)	\$	200.00	\$	250.00
299UPGR120	Rebanding Upgrade to SNSZ	\$	240.00	\$	300.00
299UPGR124	Hardware System Key Only	\$	40.00	\$	50.00
299UPGR125	16 Zone/54 Channel Matrix Option	\$	120.00	\$	150.00
299UPGR131	OTIP (Over the Internet Programming)	\$	160.00	\$	200.00
299UPGR132	Third Party Interface Enabled	\$	160.00	\$	200.00
299UPGR101	SN or SZ to P25 Trunking Field Upgrade	\$	380.00	\$	475.00
299UPGR108	Conventional Analog to Smartnet Field Upgrade	\$	160.00	\$	200.00
299UPGR109	Smartnet to Smartzone Field Upgrade	\$	320.00	\$	400.00
299UPGR110	Conventional Analog to P25 CAI (Common Air Interface)	\$	400.00	\$	500.00
299UPGR111	Conventional Analog to P25 Trunking Field Upgrade (includes SNSZ)	\$	580.00	\$	725.00
299UPGR112	Conventional Analog to P25 Trunking only Field Upgrade	\$	340.00	\$	425.00
299UPGR113	Multi-Net Analog to P25 Trunking Field Upgrade	\$	800.00	\$	1,000.00
299UPGR128	FireSafe Command	\$	320.00	\$	400.00
299UPGR129	FireSafe First Responder	\$	240.00	\$	300.00
Factory Services			Contract Price		List Price
299PRGM001	Radio Profile Creation for Programming	\$	120.00	\$	150.00
299PRGM002	Factory Programming	\$	60.00	\$	75.00
Warranty			Contract Price		List Price
2990045013	2 Year Extended Warranty (Portable/Mobile - ES Radios Only)	\$	76.00	\$	95.00
2990045017	1 Year Extended Warranty (Portable/Mobile - ES Radios Only)	\$	36.00	\$	45.00
2990045025	1 Year Extension Warranty (ES Radios Only); maximum 5 years warranty total; available if radio is less than 4 years old	\$	200.00	\$	250.00
2990045029	3 Year Extended Warranty (Portable/Mobile) - ES Radios Only	\$	120.00	\$	150.00
2990045041	4 Year Extended Warranty (Portable/Mobile) - ES Radios Only	\$	200.00	\$	250.00

2990600013	2 Year Extended Warranty (Portable/Mobile) - Viking and TK Subscribers	\$	76.00	\$	95.00
2990600017	1 Year Extended Warranty (Portable/Mobile) Viking and TK Subscribers	\$	36.00	\$	45.00
2990600079	warranty One year extension - (Viking) maximum 5 years warranty total; available if radio is less than 4 years old	\$	200.00	\$	250.00

Software Subscriptions

Contract Price List Price

2990045038	PC Configure Software Subscription - 5 years	\$	400.00	\$	500.00
2990045094	Armada Software Subscription - 5 Years	\$	400.00	\$	500.00



TK-5230/5330 Portable Radio Price List

Radio - Base Model		Contract Price	List Price
Standard Key Models			
TK-5230F2	VHF(136-174MHz),6.0 Watts,Analog,P25 Conventional/P25 Phase I Trunking, Standard Key Model	\$ 980.00	\$ 1,400.00
TK-5330F2	UHF (450-520MHz),5.0 Watts,Analog,P25 Conventional/P25 Phase I Trunking, Standard Key Model	\$ 980.00	\$ 1,400.00
TK-5330F5	UHF (380-470MHz),5.0 Watts,Analog,P25 Conventional/P25 Phase I Trunking, Standard Key Model	\$ 980.00	\$ 1,400.00
Full Key Models			
TK-5230F3	VHF (136-174MHz),6.0 Watts ,Analog,P25 Conventional/P25 Phase I Trunking,Full Key Model	\$ 1,015.00	\$ 1,450.00
TK-5330F3	UHF (450-520MHz),5.0 Watts,Analog,P25 Conventional/P25 Phase I Trunking,Full Key Model	\$ 1,015.00	\$ 1,450.00
TK-5330F6	UHF (380-470MHz), 5.0 Watts,Analog,P25 Conventional/P25 Phase I Trunking,Full Key Model	\$ 1,015.00	\$ 1,450.00
Licensing System		Contract Price	List Price
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	\$ -	\$ -
L-5000	KPT-300LMC License Key	\$ -	\$ -
Software Licensing Options		Contract Price	List Price
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	\$ 108.50	\$ 155.00
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

- For TK-5x30 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).

2. Software Key Type: System Key File (SKF)- See L-5005

- For TK-5x30 series radios.
- 3-digit HEX System ID (HSID) with verifiable written authorization required from SYSOP.
- Utilized by both SYSOPs and Dealers/Contractors. But Dealers/Contractors must be permitted from SYSOP to order and use SKF.
- EFJohnson ships an encrypted *.SKF file via E-Mail to the address provided on the P25 Trunking System Keys Request Form placed on Kenwood Tools.
- The *.SKF securely embeds/encrypts the HSID.

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

KPG-180AP		\$	618.80		\$ 884.00
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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

KAS-12K		\$	59.50		\$ 85.00
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Software License Key Discount Structure:

- 1 License Key -
- 2-4 License Keys 10% Off
- 5-14 License Keys 35% Off
- 15-24 License Keys 40% Off
- 25+ License Keys 45% Off

License Keys

Radio Feature License Options	Contract Price	List Price
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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 transferred 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	\$	294.00	\$	420.00
KWD-5001FP	License Key for Front Panel Programming	\$	210.00	\$	300.00
KWD-5002SD	License Key for microSD Memory Card Slot Activation	\$	73.50	\$	105.00

P25 Radio Features

KWD-5100CV	License Key for P25 Conventional	\$	-	\$	-
KWD-5101TR	License Key for P25 Phase 1 Trunking (requires KWD-5100CV)	\$	-	\$	-
KWD-5102TR	License Key for P25 Phase 2 Trunking (requires KWD-5100CV & KWD-5101TR)	\$	280.00	\$	400.00
KWD-5103RK	License Key for P25 OTAR (requires KWD-5106DT for a Trunking Operation)	\$	490.00	\$	700.00
KWD-5105VT	License Key for P25 Conventional Voting Scan	\$	84.00	\$	120.00
KWD-5106DT	License Key for P25 Packet Data (required for Trunked OTAR/GPS/Text)	\$	126.00	\$	180.00

Antennas

		Contract Price	List Price
KRA-26M	VHF helical antenna 146-162 MHz	\$ 9.80	\$ 14.00
KRA-26M2	VHF helical antenna 162-174 MHz	\$ 9.80	\$ 14.00
KRA-26M3	VHF helical antenna 136-150 MHz	\$ 9.80	\$ 14.00
KRA-27M	UHF whip antenna 440-490 MHz	\$ 9.80	\$ 14.00
KRA-27M2	UHF whip antenna 470-520 MHz	\$ 9.80	\$ 14.00
KRA-27M3	UHF whip antenna 400-450 MHz	\$ 9.80	\$ 14.00
KRA-22M	VHF low-profile helical antenna 148-162 MHz	\$ 9.59	\$ 13.70
KRA-22M2	VHF low-profile helical antenna 162-174 MHz	\$ 9.59	\$ 13.70
KRA-22M3	VHF Low-profile helical antenna 136-150 MHz	\$ 9.59	\$ 13.70
KRA-23M	UHF low-profile helical antenna 450-490 MHz	\$ 9.59	\$ 13.70
KRA-23M2	UHF low-profile helical antenna 470-512 MHz	\$ 9.59	\$ 13.70
KRA-23M3	UHF low-profile helical antenna 403-430 MHz	\$ 9.59	\$ 13.70
KRA-25	High gain VHF helically loaded whip antenna 148-162 MHz	\$ 23.98	\$ 34.25

Batteries & Chargers		Contract Price	List Price
KNB-L1M	Li-ion 2000mAh (Compact Slim)	\$ 80.50	\$ 115.00
KNB-L2M	Li-ion 2600mAh (Standard)	\$ 94.50	\$ 135.00
KNB-L3M	Li-ion 3400mAh (High Capacity)	\$ 122.50	\$ 175.00
KSC-Y32K	Rapid rate single unit charger (Long-Life Charge Mode capable with KAS-12 Software) Note: NiMH/Li-ion battery only	\$ 80.50	\$ 115.00
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)	\$ 59.50	\$ 85.00
KSC-32	Rapid rate single unit charger	\$ 49.00	\$ 70.00
KSC-326K	Rapid rate 6-unit charger	\$ 441.00	\$ 630.00
KMB-30M	Wall Mount Bracket for KSC-326K/256K	\$ 23.63	\$ 33.75
KVC-15	Rapid rate DC vehicular charger adapter for the KSC-32 (chargers not included; includes KSC-mobile bracket & cigarette lighter cable DC adapter)	\$ 83.30	\$ 119.00

Carrying Accessories		Contract Price	List Price
KBH-11	Spring action belt clip (2.5")	\$ 10.29	\$ 14.70
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	\$ 18.41	\$ 26.30
KLH-6SW	Leather swivel belt loop / detachable swivel D-Ring back	\$ 15.40	\$ 22.00
KLH-137ST	Firemen's Heavy-Duty Leather Shoulder Strap for a Heavy-Duty Leather Case	\$ 25.73	\$ 36.75
KLH-200K3	Heavy duty leather carrying case for TK-5x30-series (for both K2 & K3 models)	\$ 30.98	\$ 44.25

Special Color Housing		Contract Price	List Price
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.	\$ 28.00	\$ 40.00
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.	\$ 28.00	\$ 40.00

Microphones & Audio Accessories		Contract Price	List Price
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KMC-54WDM	MIL-SPEC, IP67 (Immersion) Speaker Mic Compatible with ANR Feature Note: only compatible with a TK-5x30 series portable	\$	91.00	\$	130.00
KMC-42WDM	MIL-SPEC, IP67 (Immersion) Noise-canceling Speaker Mic	\$	79.80	\$	114.00
KMC-49	MIL-SPEC, Speaker Mic. with Antenna Connector Note: 5/16" Coax cable hex wrench included (antenna is not included).	\$	175.00	\$	250.00
KEP-1	3.5mm earphone kit for KMC-41/42W/54W Speaker Mics	\$	36.75	\$	52.50
KEP-2	2.5mm earphone kit for KMC-49 Speaker Mic	\$	36.75	\$	52.50
KEP-3	30" Earphone kit w/ 2.5mm plug for KCT-30	\$	36.05	\$	51.50
KEP-4	48" Earphone kit w/ 2.5mm plug for KCT-30	\$	38.33	\$	54.75
KCT-30	2.5mm Audio Accessory Adapter for KEP-3/4	\$	44.80	\$	64.00
KCT-51	Hirose 6-pin Adapter (adapts KVL/aftermarket audio acc. to portable connector)	\$	150.50	\$	215.00
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black)	\$	109.55	\$	156.50
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black)	\$	128.80	\$	184.00
KHS-14	Lt. Wt. Single muff headset w/boom mic & In-line PTT	\$	88.20	\$	126.00
KHS-15-BH	Hvy-duty noise reduction behind-the-headset w/noise cancelling boom mic & PTT	\$	294.00	\$	420.00
KHS-15-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & PTT	\$	257.60	\$	368.00

Encryption Modules		Contract Price	List Price
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)	\$	595.00 \$ 850.00
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)	\$	385.00 \$ 550.00
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)	\$	367.50 \$ 525.00
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)	\$	257.60 \$ 368.00

Service Related Accessories		Contract Price	List Price
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KPG-36XM	Full Speed USB Programming interface cable	\$	110.95	\$	158.50
KPG-93	KVL-3000 Plus/4000 Interface Cable for P25 Portables	\$	183.75	\$	262.50
	Access Key for KPG-D1NK P25 trunked programming				
	Notes: Enables P25 Trunked system programming privileges in a KPG-D1NK.				
	• For TK-5x30 series only				
KWD-ASK-AK	• Must be activated by trunked system operator (SYSOP) with KWD-ASK-MK Master Key	\$	145.60	\$	208.00
	• 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.				
	Master Key for activating KWD-ASK-AK Access Keys				
	- Restricted Purchase Requirements -				
	Notes:				
	• For TK-5x30 series only.				
KWD-ASK-MK	• Sold to trunked system operator (SYSOP) or SYSOP authorized entities only	\$	350.00	\$	500.00
	• 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.				

Installation/Tuning Charges		Contract Price	List Price		
L-5001	Factory Activation of Radio Feature Licenses (per Radio)	\$	84.00	\$	120.00
	Note: Must purchase Radio Feature Licenses separately				
L-5002	NX-5200/5300/5400 Programming (with basic TX/RX check)	\$	26.25	\$	37.50
L-5003	Install KWD-AE30K in TK-5x30 series Portable (Must purchase module separately)	\$	52.50	\$	75.00
L-5004	Install KWD-AE31K in TK-5x30 series Portable (Must purchase module separately)	\$	52.50	\$	75.00

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 EF Johnson with P25 Trunking System Keys Request Form placed on Kenwood Tools.

- Must have KPG-D1NK.

- EF Johnson 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.

L-5005

\$ 92.40 \$ 132.00

L-5024

Assemble Yellow Housing KWD-YH-5000 with TK-5x30 series Portable

\$ 18.90 \$ 27.00

L-5025

Assemble Orange Housing KWD-OH-5000 with TK-5x30 series Portable

\$ 18.90 \$ 27.00

TK-5430 Portable Radio Price List

Radio - Base Model		Contract Price	List Price
TK-5430F2	700 / 800 MHz, 3.0 Watts Analog/P25 Conventional/P25 Phase I Trunking - Standard Key Model	\$ 980.00	\$ 1,400.00
TK-5430F3	700 / 800 MHz, 3.0 Watts Analog/P25 Conventional/P25 Phase I Trunking - Full Key Model	\$ 1,015.00	\$ 1,450.00

Licensing System		Contract Price	List Price
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	\$ -	\$ -
L-5000	KPT-300LMC License Key	\$ -	\$ -

Software Licensing Options		Contract Price	List Price
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	\$ 108.50	\$ 155.00

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

- For TK-5x30 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).

2. Software Key Type: System Key File (SKF)- See L-5005

- For TK-5x30 series radios.
- 3-digit HEX System ID (HSID) with verifiable written authorization required from SYSOP.
- Utilized by both SYSOPs and Dealers/Contractors. But Dealers/Contractors must be permitted from SYSOP to order and use SKF.
- EFJohnson ships an encrypted *.SKF file via E-Mail to the address provided on the P25 Trunking System Keys Request Form placed on Kenwood Tools.
- The *.SKF securely embeds/encrypts the HSID.

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)

KPG-180AP		\$	618.80	\$ 884.00
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Note: Requires KPT-300LMC for authentication

License Key for KAS-12

Battery Reader Software for KNB-L1/2/3/ & KSC-Y32 (Windows® Vista/7/8/8.1)

KAS-12K		\$	59.50	\$ 85.00
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Note: Requires KPT-300LMC for authentication

Software License Key Discount Structure:

- 1 License Key -
- 2-4 License Keys 10% Off
- 5-14 License Keys 35% Off
- 15-24 License Keys 40% Off
- 25+ License Keys 45% Off

License Keys

Radio Feature License Options	Contract Price	List Price
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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		
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KWD-5000CH	License Key for 4000 Channel Expansion	\$	294.00	\$ 420.00
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KWD-5001FP	License Key for Front Panel Programming	\$	210.00	\$	300.00
KWD-5002SD	License Key for microSD Memory Card Slot Activation	\$	73.50	\$	105.00

P25 Radio Features

KWD-5100CV	License Key for P25 Conventional	\$	-	\$	-
KWD-5101TR	License Key for P25 Phase 1 Trunking (requires KWD-5100CV)	\$	-	\$	-
KWD-5102TR	License Key for P25 Phase 2 Trunking (requires KWD-5100CV & KWD-5101TR)	\$	280.00	\$	400.00
KWD-5103RK	License Key for P25 OTAR (requires KWD-5106DT for a Trunking Operation)	\$	490.00	\$	700.00
KWD-5105VT	License Key for P25 Conventional Voting Scan	\$	84.00	\$	120.00
KWD-5106DT	License Key for P25 Packet Data (required for Trunked OTAR/GPS/Text)	\$	126.00	\$	180.00

Antennas

		Contract Price	List Price
KRA-32K	700/800 MHz Whip Antenna	\$ 24.50	\$ 35.00
KRA-36	700/800 MHz Stubby Antenna	\$ 17.50	\$ 25.00

Batteries & Chargers

		Contract Price	List Price
KNB-L1M	Li-ion 2000mAh (Compact Slim)	\$ 80.50	\$ 115.00
KNB-L2M	Li-ion 2600mAh (Standard)	\$ 94.50	\$ 135.00
KNB-L3M	Li-ion 3400mAh (High Capacity)	\$ 122.50	\$ 175.00
KSC-Y32K	Rapid rate single unit charger (Long-Life Charge Mode capable with KAS-12 Software) Note: NiMH/Li-ion battery only	\$ 80.50	\$ 115.00
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)	\$ 59.50	\$ 85.00
KSC-32	Rapid rate single unit charger	\$ 49.00	\$ 70.00
KSC-326K	Rapid rate 6-unit charger	\$ 441.00	\$ 630.00
KMB-30M	Wall Mount Bracket for KSC-326K/256K	\$ 23.63	\$ 33.75
KVC-15	Rapid rate DC vehicular charger adapter for the KSC-32 (chargers not included; includes KSC-mobile bracket & cigarette lighter cable DC adapter)	\$ 83.30	\$ 119.00

Carrying Accessories

		Contract Price	List Price
KBH-11	Spring action belt clip (2.5")	\$ 10.29	\$ 14.70
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	\$ 18.41	\$ 26.30
KLH-6SW	Leather swivel belt loop / detachable swivel D-Ring back	\$ 15.40	\$ 22.00

KLH-137ST	Firemen's Heavy-Duty Leather Shoulder Strap for a Heavy-Duty Leather Case	\$	25.73	\$	36.75
KLH-200K3	Heavy duty leather carrying case for TK-5x30-series (for both K2 & K3 models)	\$	30.98	\$	44.25
KLH-201K3	Nylon carrying case for TK-5430-series (for both keypad models)	\$	18.41	\$	26.30

Special Color Housing		Contract Price	List Price
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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: <i>If you order only housing and perform Dealer Installation, IP67/68 Warranty Claim will not be eligible.</i>	\$	28.00	\$	40.00
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: <i>If you order only housing and perform Dealer Installation, IP67/68 Warranty Claim will not be eligible.</i>	\$	28.00	\$	40.00

Microphones & Audio Accessories		Contract Price	List Price
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KMC-54WDM	MIL-SPEC, IP67 (Immersion) Speaker Mic Compatible with ANR Feature Note: only compatible with a TK-5x30 series portable	\$	91.00	\$	130.00
KMC-42WDM	MIL-SPEC, IP67 (Immersion) Noise-canceling Speaker Mic	\$	79.80	\$	114.00
KMC-49	MIL-SPEC, Speaker Mic. with Antenna Connector Note: 5/16" Coax cable hex wrench included (antenna is not included).	\$	175.00	\$	250.00
KEP-1	3.5mm earphone kit for KMC-41/42W/54W Speaker Mics	\$	36.75	\$	52.50
KEP-2	2.5mm earphone kit for KMC-49 Speaker Mic	\$	36.75	\$	52.50
KEP-3	30" Earphone kit w/ 2.5mm plug for KCT-30	\$	36.05	\$	51.50
KEP-4	48" Earphone kit w/ 2.5mm plug for KCT-30	\$	38.33	\$	54.75
KCT-30	2.5mm Audio Accessory Adapter for KEP-3/4	\$	44.80	\$	64.00
KCT-51	Hirose 6-pin Adapter (adapts KVL/aftermarket audio acc. to portable connector)	\$	150.50	\$	215.00
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black)	\$	109.55	\$	156.50
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black)	\$	128.80	\$	184.00
KHS-14	Lt. Wt. Single muff headset w/boom mic & In-line PTT	\$	88.20	\$	126.00
KHS-15-BH	Hvy-duty noise reduction behind-the-headset w/noise cancelling boom mic & PTT	\$	294.00	\$	420.00
KHS-15-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & PTT	\$	257.60	\$	368.00

Encryption Modules		Contract Price	List Price
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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)	\$	595.00	\$	850.00
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)	\$	385.00	\$	550.00
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)	\$	367.50	\$	525.00
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)	\$	257.60	\$	368.00

Service Related Accessories		Contract Price	List Price		
KPG-36XM	Full Speed USB Programming interface cable	\$	110.95	\$	158.50
KPG-93	KVL-3000 Plus/4000 Interface Cable for P25 Portables	\$	183.75	\$	262.50
	Access Key for KPG-D1NK P25 trunked programming Notes: Enables P25 Trunked system programming privileges in a KPG-D1NK. • For TK-5x30 series only				
KWD-ASK-AK	• 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.	\$	145.60	\$	208.00

Master Key for activating KWD-ASK-AK Access Keys

- Restricted Purchase Requirements -

Notes:

- For TK-5x30 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.

KWD-ASK-MK \$ 350.00 \$ 500.00

Installation/Tuning Charges		Contract Price	List Price
L-5000	Account Registration Key	\$ -	\$ -
L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately	\$ 84.00	\$ 120.00
L-5002	NX-5200/5300/5400 Programming (with basic TX/RX check)	\$ 26.25	\$ 37.50
L-5003	Install KWD-AE30K in TK-5x30 series Portable (Must purchase module separately)	\$ 52.50	\$ 75.00
L-5004	Install KWD-AE31K in TK-5x30 series Portable (Must purchase module separately) KPG-D1NK System Key File (SKF) Note: Enables P25 Trunked system programming privileges in a KPG-D1NK.	\$ 52.50	\$ 75.00
L-5005	- Restricted Purchase Requirements - • Trunked system operator (SYSOP) must provide 3-digit HEX HSID to EF Johnson with P25 Trunking System Keys Request Form placed on Kenwood Tools. • Must have KPG-D1NK. • EF Johnson 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.	\$ 92.40	\$ 132.00
L-5024	Assemble Yellow Housing KWD-YH-5000 with TK-5x30 series Portable	\$ 18.90	\$ 27.00
L-5025	Assemble Orange Housing KWD-OH-5000 with TK-5x30 series Portable	\$ 18.90	\$ 27.00



TK-5730/5830/5930 Mobile Radio Price List

Radio - Base Model		Contract Price	List Price
TK-5730BF	VHF (136-174MHz), 50 Watts Analog,P25 Conventional,P25 Phase I Trunking	\$ 938.70	\$ 1,341.00
TK-5830BF	UHF (450-520MHz), 45 Watts Analog,P25 Conventional,P25 Phase I Trunking	\$ 938.70	\$ 1,341.00
TK-5830BF2	UHF (380-470MHz), 45 Watts Analog,P25 Conventional,P25 Phase I Trunking	\$ 938.70	\$ 1,341.00
TK-5930BF	7/800, 45 Watts, Analog, P25 Conventional, P25 Phase I Trunking	\$ 976.50	\$ 1,395.00

Licensing System		Contract Price	List Price
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	\$ -	\$ -
L-5000	KPT-300LMC License Key	\$ -	\$ -

Software Licensing Options		Contract Price	List Price
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	\$ 108.50	\$ 155.00

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

- For TK-5x30 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).

2. Software Key Type: System Key File (SKF)- See L-5005

- For TK-5x30 series radios.
- 3-digit HEX System ID (HSID) with verifiable written authorization required from SYSOP.
- Utilized by both SYSOPs and Dealers/Contractors. But Dealers/Contractors must be permitted from SYSOP to order and use SKF.
- EFJohnson ships an encrypted *.SKF file via E-Mail to the address provided on the P25 Trunking System Keys Request Form placed on Kenwood Tools.
- The *.SKF securely embeds/encrypts the HSID.

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	\$	618.80	\$	884.00
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	\$	59.50	\$	85.00
License Keys	Software License Key Discount Structure: 1 License Key - 2-4 License Keys 10% Off 5-14 License Keys 35% Off 15-24 License Keys 40% Off 25+ License Keys 45% Off				

Radio Feature License Options	Contract Price	List Price
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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.	\$	-	\$	-
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General Radio Features

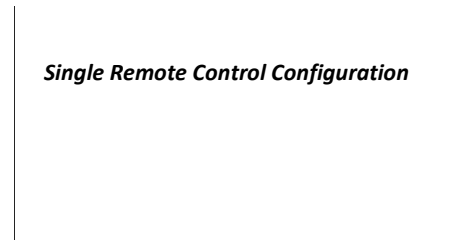
KWD-5000CH	License Key for 4000 Channel Expansion	\$	294.00	\$	420.00
KWD-5001FP	License Key for Front Panel Programming	\$	210.00	\$	300.00
KWD-5002SD	License Key for microSD Memory Card Slot Activation	\$	73.50	\$	105.00

P25 Radio Features

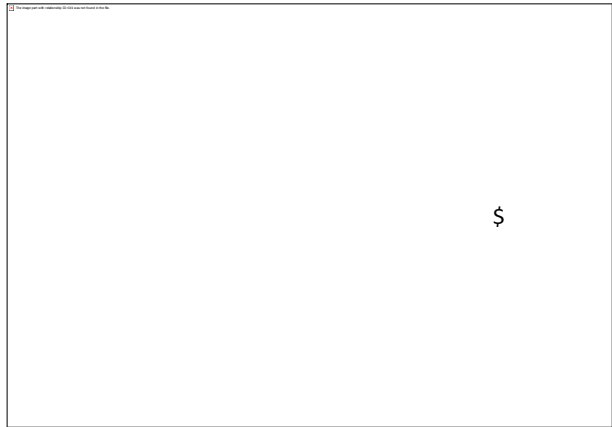
KWD-5100CV	License Key for P25 Conventional	\$	-	\$	-
KWD-5101TR	License Key for P25 Phase 1 Trunking (requires KWD-5100CV)	\$	-	\$	-
KWD-5102TR	License Key for P25 Phase 2 Trunking (requires KWD-5100CV & KWD-5101TR)	\$	280.00	\$	400.00
KWD-5103RK	License Key for P25 OTAR (requires KWD-5106DT for a Trunking Operation)	\$	490.00	\$	700.00
KWD-5105VT	License Key for P25 Conventional Voting Scan	\$	84.00	\$	120.00
KWD-5106DT	License Key for P25 Packet Data (required for Trunked OTAR/GPS/Text)	\$	126.00	\$	180.00

Remote Control Configuration (Firmware Release 1.5 or Later is required)	Contract Price	List Price
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TK-5730BF	TK-5730F (50W, 136-174 MHz) RF Deck Only (No KCH-19 Control Head, KMC-35 Microphone, KMB-33 Bracket, KCT-23 DC Cable)	\$	906.50	\$	1,295.00
TK-5830BF	TK-5380F (45W, 450-520 MHz) RF Deck Only (No KCH-19 Control Head, KMC-35 Microphone, KMB-33 Bracket, KCT-23 DC Cable)	\$	906.50	\$	1,295.00
TK-5830BF2	TK-5380F2 (45W, 380-470 MHz) RF Deck Only (No KCH-19 Control Head, KMC-35 Microphone, KMB-33 Bracket, KCT-23 DC Cable)	\$	906.50	\$	1,295.00
TK-5930BF	7/800, 45 Watts, Analog, P25 Conventional, P25 Phase I Trunking	\$	976.50	\$	1,395.00
KCH-19M	Basic Control Panel	\$	126.00	\$	180.00
KCH-20RM	Full Featured Remote Control Panel Note: Remote configuration only. No Internal Speaker included. KES-5/3 is required.	\$	420.00	\$	600.00
KRK-14HM	Control Head Interface Kit for KCH-19M	\$	111.30	\$	159.00
KRK-15BM	Control Head Remote Kit for a RF Deck	\$	35.00	\$	50.00
KCT-71M2	Remote Control Cable (17 feet)	\$	49.00	\$	70.00
KCT-71M3	Remote Control Cable (25 feet)	\$	56.00	\$	80.00
KMC-35	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)	\$	36.75	\$	52.50
KMC-36	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	\$	66.15	\$	94.50
KMB-33M	Standard Mounting Bracket (same as supplied)	\$	9.80	\$	14.00
KES-3S	External speaker (compact low profile; black case; 3.5 mm phono plug-in)	\$	30.98	\$	44.25
KES-5	External speaker, 40W max input Note: requires KAP-2 (PA/HA unit) or KCT-72M (connection cable) installed.	\$	42.88	\$	61.25
KAP-2	Horn Alert/P.A. Relay Option	\$	44.10	\$	63.00
KCT-72M	Accessory Connection Cable for KCH-20RM	\$	25.69	\$	36.70
KCT-23M3	DC Cable (35-50W Remote mount; pos. 23 ft.; neg. 3.3. ft. leads)	\$	24.33	\$	34.75



With a Basic Control Head



Mobile Installation Accessories

		Contract Price	List Price
KAP-2	Horn Alert/P.A. Relay Option	\$ 44.10	\$ 63.00
KCT-23M	DC Cable (35-50W Dash mount; pos/neg. 10 ft. leads)	\$ 22.05	\$ 31.50
KCT-23M3	DC Cable (35-50W Remote mount; pos.23 ft.; neg. 3.3. ft. leads)	\$ 24.33	\$ 34.75
KCT-46	Ignition sense cable (plugs directly into mobile chassis ignition sense line)	\$ 9.59	\$ 13.70
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	\$ 29.40	\$ 42.00
KMB-10	Key lock adapter	\$ 18.41	\$ 26.30
KMB-33M	Standard Mounting Bracket (same as supplied)	\$ 9.80	\$ 14.00
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	\$ 121.10	\$ 173.00
KRA-40GM	GPS Antenna	\$ 29.40	\$ 42.00
		\$ -	

Microphones & Speakers

		#VALUE!	List Price
KMC-35	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug) - same as supplied	\$ 36.75	\$ 52.50
KMC-36	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	\$ 66.15	\$ 94.50
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug) Note: NOT compatible in a TDMA operation	\$ 60.20	\$ 86.00
KES-3	External speaker (compact low profile; black case; 3.5 mm phono plug-in)	\$ 30.98	\$ 44.25
KES-5	External speaker, 40W max input Note: requires KAP-2 (PA/HA unit) installed	\$ 42.88	\$ 61.25
KCT-73MIC	External Microphone kit w/ 9.8 ft. cord for Safer Driving	\$ 18.90	\$ 27.00
KCT-74PTT	External PTT Switch kit w/ 9.8 ft cord for Safer Driving	\$ 16.10	\$ 23.00

	\$ -
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Encryption Modules

		#VALUE!	List Price
		\$ -	
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)	\$ 595.00	\$ 850.00
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)	\$ 385.00	\$ 550.00
KPG-AE1K	AES/DES Encryption Software Key Loader for KWD-AE31K Authentication by KPT-300LMC is required	\$ 367.50	\$ 525.00
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)	\$ 257.60	\$ 368.00

Service Related Accessories

		#VALUE!	List Price
KPG-46XM	Full Speed USB Programming interface cable	\$ 110.95	\$ 158.50
KPG-115	Key Loader Interface Cable for Motorola KVL-3000/3000 Plus	\$ 183.75	\$ 262.50
KPG-115AUT	KVL-4000 Radio Authentication Cable [Available in 2015 1Q]	#VALUE!	TBD
	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 		
KWD-ASK-AK	<ul style="list-style-type: none"> • 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. 	\$ 145.60	\$ 208.00

Master Key for activating KWD-ASK-AK Access Keys

- Restricted Purchase Requirements -

Notes:

- For TK-5x30 series only.

KWD-ASK-MK	<ul style="list-style-type: none"> • 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. 	\$ 350.00	\$ 500.00
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\$ -

Installation/Tuning Charges		#VALUE!	List Price
L-5006	TK-5730/5830 Programming (with basic TX/RX check)	\$ 26.25	\$ 37.50
L-5007	Install KWD-AE30K in TK-5x30 series Mobile (Must purchase module separately)	\$ 52.50	\$ 75.00
L-5008	Install KWD-AE31K in TK-5x30 series Mobile (Must purchase module separately) KPG-D1NK System Key File (SKF) Note: Enables P25 Trunked system programming privileges in a KPG-D1NK. - Restricted Purchase Requirements -	\$ 52.50	\$ 75.00
L-5005	<ul style="list-style-type: none"> • Trunked system operator (SYSOP) must provide 3-digit HEX HSID to EF Johnson with P25 Trunking System Keys Request Form placed on Kenwood Tools. • Must have KPG-D1NK. • EF Johnson 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. 	\$ 92.40	\$ 132.00
L-5015	Install KAP-2 (Default) HR1/Internal Sp./PA	\$ 17.50	\$ 25.00
L-5016	Assemble TK-5x30 Mobile for Single Remote Head Control KCT-71 Extended Control Head Cable (up to 50 ft. max.)	\$ 29.40	\$ 42.00
L-5020	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. KCT-71 Extended Control Head Cable (up to 100 ft. max.)	\$ 133.00	\$ 190.00
L-5021	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.	\$ 171.50	\$ 245.00



TK-5210G/5310G (VHF/UHF) Portable Radio Price List

Radio - Base Model		Contract Price	List Price
TK-5210GK3	136-174MHz 5W, 1024 CH, 12 Keypad Model	\$ 1,229.90	\$ 1,757.00
TK-5210GK7	136-174MHz 5W, 128 CH, Standard Model [see note 1]	\$ 980.00	\$ 1,400.00
TK-5310GK	450-520 MHz 4W, 1024 CH, Basic Model [see note 1]	\$ 857.50	\$ 1,225.00
TK-5310GK2	450-520 MHz 4W, 1024 CH, Standard Model	\$ 1,118.60	\$ 1,598.00
TK-5310GK3	450-520 MHz 4W, 1024 CH, 12 Keypad Model	\$ 1,229.90	\$ 1,757.00
TK-5310GK4	380-470 MHz 4W, 1024 CH, Basic Model [see note 1]	\$ 857.50	\$ 1,225.00
TK-5310GK5	380-470 MHz 4W, 1024 CH, Standard Model	\$ 1,118.60	\$ 1,598.00
TK-5310GK6	380-470 MHz 4W, 1024 CH, 12 Keypad Model	\$ 1,229.90	\$ 1,757.00
TK-5310GK7	380-470 MHz 4W, 128 CH, Standard Model [see note 1]	\$ 980.00	\$ 1,400.00
		\$ -	
Special Color Housing		\$ -	
TK-5210GK2YH	136-174MHz 5W, 1024 CH, Standard Model (w/ Yellow Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
TK-5210GK2OH	136-174MHz 5W, 1024 CH, Standard Model (w/ Orange Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
TK-5310GK2YH	450-520 MHz 4W, 1024 CH, Standard Model (w/ Yellow Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
TK-5310GK2OH	450-520 MHz 4W, 1024 CH, Standard Model (w/ Orange Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
TK-5310GK5YH	380-470 MHz 4W, 1024 CH, Standard Model (w/ Yellow Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
TK-5310GK5OH	380-470 MHz 4W, 1024 CH, Standard Model (w/ Orange Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
		\$ -	
Factory Mutual (FM) Approved Models		\$ -	
<i>Must Order L-986 & an Intrinsically Safe Battery per radio</i>		\$ -	
		\$ -	
TK-5210-ISGK	136-174MHz 5W, 1024 CH, Basic Model [see note 1]	\$ 857.50	\$ 1,225.00
TK-5210-ISGK2	136-174MHz 5W, 1024 CH, Standard Model	\$ 1,118.60	\$ 1,598.00
TK-5210-ISGK2-YH	136-174MHz 5W, 1024 CH, Standard Model (w/ Yellow Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
TK-5210-ISGK2-OH	136-174MHz 5W, 1024 CH, Standard Model (w/ Orange Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
TK-5210-ISGK3	136-174MHz 5W, 1024 CH, 12 Keypad Model	\$ 1,229.90	\$ 1,757.00
TK-5210-ISGK7	136-174MHz 5W, 128 CH, Standard Model [see note 1]	\$ 980.00	\$ 1,400.00
TK-5310-ISGK	450-520 MHz 4W, 1024 CH, Basic Model [see note 1]	\$ 857.50	\$ 1,225.00
TK-5310-ISGK2	450-520 MHz 4W, 1024 CH, Standard Model	\$ 1,118.60	\$ 1,598.00
TK-5310-ISGK2-YH	450-520 MHz 4W, 1024 CH, Standard Model (w/ Yellow Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00

TK-5310-ISGK2-OH	450-520 MHz 4W, 1024 CH, Standard Model (w/ Orange Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
TK-5310-ISGK3	450-520 MHz 4W, 1024 CH, 12 Keypad Model	\$ 1,229.90	\$ 1,757.00
TK-5310-ISGK4	380-470 MHz 4W, 1024 CH, Basic Model [see note 1]	\$ 857.50	\$ 1,225.00
TK-5310-ISGK5	380-470 MHz 4W, 1024 CH, Standard Model	\$ 1,118.60	\$ 1,598.00
TK-5310-ISGK5-YH	380-470 MHz 4W, 1024 CH, Standard Model (w/ Yellow Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
TK-5310-ISGK5-OH	380-470 MHz 4W, 1024 CH, Standard Model (w/ Orange Housing) [see note 1]	\$ 1,206.80	\$ 1,724.00
TK-5310-ISGK6	380-470 MHz 4W, 1024 CH, 12 Keypad Model	\$ 1,229.90	\$ 1,757.00
TK-5310-ISGK7	380-470 MHz 4W, 128 CH, Standard Model [see note 1]	\$ 980.00	\$ 1,400.00

[note 1]: These models are stocked in minimum quantities. Please anticipate a minimum 90-day lead time and call order desk to verify availability.

Antennas		#VALUE!	List Price
KRA-26M	VHF helical antenna 146-162 MHz	\$ 9.80	\$ 14.00
KRA-26M2	VHF helical antenna 162-174 MHz	\$ 9.80	\$ 14.00
KRA-26M3	VHF helical antenna 136-150 MHz	\$ 9.80	\$ 14.00
KRA-27M	UHF whip antenna 440-490 MHz	\$ 9.80	\$ 14.00
KRA-27M2	UHF whip antenna 470-520 MHz	\$ 9.80	\$ 14.00
KRA-27M3	UHF whip antenna 400-450 MHz	\$ 9.80	\$ 14.00
KRA-22M	VHF low-profile helical antenna 148-162 MHz	\$ 9.59	\$ 13.70
KRA-22M2	VHF low-profile helical antenna 162-174 MHz	\$ 9.59	\$ 13.70
KRA-22M3	VHF Low-profile helical antenna 136-150 MHz	\$ 9.59	\$ 13.70
KRA-23M	UHF low-profile helical antenna 450-490 MHz	\$ 9.59	\$ 13.70
KRA-23M2	UHF low-profile helical antenna 470-512 MHz	\$ 9.59	\$ 13.70
KRA-23M3	UHF low-profile helical antenna 403-430 MHz	\$ 9.59	\$ 13.70
KRA-16M	VHF stubby antenna 148-162 MHz	\$ 9.59	\$ 13.70
KRA-16M2	VHF stubby antenna 162-174 MHz	\$ 9.59	\$ 13.70
KRA-16M3	VHF stubby antenna 136-150 MHz	\$ 9.59	\$ 13.70
KRA-17M	UHF stubby antenna 450-490 MHz	\$ 9.59	\$ 13.70
KRA-17M2	UHF stubby antenna 470-512 MHz	\$ 9.59	\$ 13.70
KRA-17M3	UHF stubby antenna 403-430 MHz	\$ 9.59	\$ 13.70
KRA-25	High gain VHF helically loaded whip antenna 148-162 MHz	\$ 23.98	\$ 34.25
KRA-28	Broad-band VHF helically loaded whip antenna 140-170 MHz	\$ 29.40	\$ 42.00
KRA-29	Broad Band UHF Whip Antenna 380-430 MHz	\$ 25.73	\$ 36.75

		\$	-		
Batteries & Chargers		#VALUE!	List Price		
KNB-54N	2500 mAh, Ni-MH battery - requires KSC-32/326K charger [Immersion Option compatible]	\$	61.25	\$	87.50
KNB-33L	2000 mAh, Li-ion battery - requires KSC-32/326K charger [Immersion Option compatible]	\$	73.50	\$	105.00
KNB-41NC-FM	2500 mAh, Ni-MH battery - requires KSC-32/326K charger	\$	95.55	\$	136.50
KNB-43L	3300 mAh, Li-Polymer battery - requires KSC-32/326K charger	\$	114.10	\$	163.00
KNB-49PL	4500 mAh, Primary Lithium battery Note: Non-Rechargeable (please recycle all batteries properly) 10 year Shelf Life (approx. 1% charge degradation per year when properly stored: +50 °F to +86 °F)	\$	58.80	\$	84.00
KBP-6	AA Alkaline Refillable Battery Pack (6 AA; 9V) cells not included Note: the color of the case is orange	\$	47.95	\$	68.50
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).	\$	49.00	\$	70.00
KSC-326K	Rapid rate 6-unit charger for KNB-31A/32N/33L/41NC/43L/47L/48L/50NC	\$	441.00	\$	630.00
KMB-30M	Wall Mount Bracket for KSC-326K/256K	\$	23.63	\$	33.75
KMB-23	Six Unit Charger Adapter for the KSC-16/20/24/25/25L/32 chargers (chargers not included)	\$	133.70	\$	191.00
KVC-15	Rapid rate DC vehicular charger adapter for the KSC-32 (chargers not included; includes KSC-mobile bracket & cigarette lighter cable DC adapter)	\$	83.30	\$	119.00
KVC-18	Vehicular D.C. Charger for 180/5*10 Portables with NiCd or NiMH Battery	\$	312.55	\$	446.50
KVC-20L	Vehicular D.C. Charger for 180/5**0/, NX Portables with Li-ion or Li Polymer Battery	\$	347.90	\$	497.00
		\$	-		
Carrying Accessories		#VALUE!	List Price		
KBH-11	Spring action belt clip (2.5")	\$	10.29	\$	14.70
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	\$	18.41	\$	26.30

KLH-6SW	Leather swivel belt loop / detachable swivel D-Ring back	\$	15.40	\$	22.00
KLH-133K	Heavy duty leather carrying case for TK-5*10 Basic Models	\$	30.98	\$	44.25
KLH-133K2	Heavy duty leather carrying case for TK-5*10 Standard Models	\$	30.98	\$	44.25
KLH-133K3	Heavy duty leather carrying case for TK-5*10 12 Keypad Models	\$	30.98	\$	44.25
KLH-134K	Cordura Nylon carrying case for TK-5*10 Basic Models	\$	18.41	\$	26.30
KLH-134K2	Cordura Nylon carrying case for TK-5*10 Standard Models	\$	18.41	\$	26.30
KLH-134K3	Cordura Nylon carrying case for TK-5*10 12 Keypad Models	\$	18.41	\$	26.30
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)	\$	25.73	\$	36.75
		\$	-		

Microphones & Audio Accessories			#VALUE!	List Price	
KMC-51M	MIL-SPEC, IP54/55 DSP Digital Noise-canceling Speaker Mic	\$	175.00	\$	250.00
KMC-52W	MIL-SPEC, IP67 (Immersion) DSP Digital Noise-canceling Speaker Mic	\$	210.00	\$	300.00
	[note 2]: To adjust microphone settings different from factory default, download KPG-147NC configuration software and special configuration firmware from Kenwood Tools (no charge).	\$	-		
KMC-47GPS	GPS Speaker Microphone	\$	203.00	\$	290.00
KMC-41M	MIL-SPEC, IP54/55 Noise-canceling Speaker Mic [Intrinsically Safe Approved Accessory]	\$	67.55	\$	96.50
KMC-42WM	MIL-SPEC, IP67 (Immersion) Noise-canceling Speaker Mic [Intrinsically Safe Approved Accessory] [MSHA Approved Accessory]	\$	79.80	\$	114.00
KMC-26	MIL-SPEC, Noise canceling Speaker mic w/Antenna Connector (ant. not incl.) [Intrinsically Safe Approved Accessory] [MSHA Approved Accessory]	\$	80.85	\$	115.50
KMC-49	MIL-SPEC, Speaker Mic. with Antenna Connector [Intrinsically Safe Approved Accessory]	\$	175.00	\$	250.00
KEP-1	3.5mm earphone kit for KMC-25/26/41M/42WM Speaker Mics [Intrinsically Safe Approved Accessory] [MSHA Approved Accessory]	\$	36.75	\$	52.50
KEP-3	30" Earphone kit w/ 2.5mm plug for KCT-30 [Intrinsically Safe Approved Accessory] [MSHA Approved Accessory]	\$	36.05	\$	51.50
KEP-4	48" Earphone kit w/ 2.5mm plug for KCT-30 [Intrinsically Safe Approved Accessory]	\$	38.33	\$	54.75
KCT-30	2.5mm Audio Accessory Adapter for KEP-3/4 [Intrinsically Safe Approved Accessory]	\$	44.80	\$	64.00
KCT-51	Hirose 6-pin Adapter (adapts KVL/aftermarket audio acc. to portable connector)	\$	150.50	\$	215.00

KHS-11BE	2-wire palm mic w/earphone, universal connector (Beige) [Intrinsically Safe Approved Accessory]	\$	109.55	\$	156.50
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black) [Intrinsically Safe Approved Accessory]	\$	109.55	\$	156.50
KHS-12BE	3-wire mini lapel mic w/earphone, universal connector (Beige) [Intrinsically Safe Approved Accessory]	\$	128.80	\$	184.00
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black) [Intrinsically Safe Approved Accessory]	\$	128.80	\$	184.00
KHS-14	Lt. Wt. Single muff headset w/boom mic & In-line PTT [Intrinsically Safe Approved Accessory]	\$	88.20	\$	126.00
KHS-15-BH	Hvy-duty noise reduction behind-the-headset w/noise cancelling boom mic & in-line PTT [Intrinsically Safe Approved Accessory] [MSHA Approved Accessory]	\$	294.00	\$	420.00
KHS-15-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & in-line PTT [Intrinsically Safe Approved Accessory] [MSHA Approved Accessory]	\$	257.60	\$	368.00
		\$	-		

Environmental Spec. Options	#VALUE!	List Price
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KWD-IM10	IP 66/67/68 Immersion Option Kit* Must Order L-987 Note: Initial Installation Kenwood Long Beach Tuning Dept. only. To maintain immersion certification, re-certification is required every 2 years available at Kenwood Authorized Service Centers only. Call an ASC for return procedure (\$315.00 List Price)	\$	257.60	\$	368.00
	IP 66 (Dust & Water Jet Intrusion), IP 67 (Immersion in 3.3 ft. (1m) depth @ 30 mins), IP 68 (Immersion in 3.3 ft. (1m) depth @ 2 hours)				

Firmware Options	#VALUE!	List Price
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KWD-RK20 OTAR Option for KWD-AE20K Encryption Module in TK-5x10 series (OTAR in P25 Conventional & Trunked Modes)

- **Requires KWD-AE20K module.**
- **L-1108** (for portable) & **L-1109** (for mobile) Installation (no charge)
- **L-1733** (for portable) & **L-1734** (for mobile) Field Upgrade Option

Note:

- Supports OTAR in P25 Conventional & Trunked modes (Not compatible with GK7 64 CH Model)
- Compatible with Motorola KMF P25 OTAR (excludes Motorola-proprietary non-TIA/P25 KMF features)
- Requires KPG-95D/DG(N) V7.10 or later for radio programming
- TK-5x10 VER2: Requires KPG-95D V5.40 or later for radio programming
- TK-5410/5910: Requires KPG-95D V6.00 or later for radio programming
- TK-5x10G: Requires KPG-95DG(N) for radio programming
- TK-5x10 VER2: Option deletes self-programming, cloning and analog FleetSync® (except PTT ID/Emergency) when installed.

\$ 581.00 \$ 830.00

KWD-RK20 is an U.S. DOC/BIS Export Controlled Item (ECCN 5D002A)

- See **IMPORTANT NOTES** -

KWD-TR20 Trunking Option for TK-5210/5310/5210G/5310G, TK-5710/5810/5710G/5810G
 KWD-TR20 support:16 Trunking Network
 Must order **L-1055** for factory installation, or **L-1067** for field-upgrade option
Note: KPG-95D/95DG(N) Requires Network Level License ID to program trunked network radio parameters (see KPG-95D/95DG(N) for purchase restrictions & requirements)

\$ 233.80 \$ 334.00

Compatible with TK-5210 Version 2 (SN 80600001 or later); TK-5310 (SN 809xxxxx or later); TK-5710 Version 2 (SN806xxxxx); TK-5810 (SN 809xxxxx or later);
 All TK-5x10G Series are compatible

\$ -

Software Options		#VALUE!	List Price
KPG-113AE	AES/DES Encryption Software Key Loader for KWD-DE21K/KWD-AE21K Loads AES & DES keys on capable encryption modules Note: KPG-113AE is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A) - See IMPORTANT NOTES -	\$ 367.50	\$ 525.00

KPG-114DE	DES Encryption Software Key Loader for KWD-DE21K/KWD-AE21K Loads DES keys only regardless of encryption module model Note: KPG-114DE is a U.S. DOC/BIS Export Controlled Item (ECCN 5D992A.1) - See IMPORTANT NOTES -	\$	257.60	\$	368.00
		\$	-		
Option Modules			#VALUE!	List Price	
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	\$	34.30	\$	49.00
KCT-57MS	Man-Down Internal Tilt Switch (Non-Mercury) [Intrinsically Safe Approved Accessory] - Must be Kenwood installed for I.S. Order L-1613 for CIM-1000, K-20, K-26 & L-1614 for FleetSync®/P25 Emergency operations	\$	15.40	\$	22.00
KWD-AE20K	AES FIPS140-2 & DES Encryption Module for TK-5x10, TK-5x10G & TK-5x20 Portables & Mobiles (except K7 Portable) [KWD-AE20K support] - Advanced Encryption Standard (AES): 256-bit symmetric key algorithm; NIST validated per FIPS140-2 - Data Encryption Standard (DES): 56-bit symmetric key algorithm. - 16 Multi-key List (user-selectable / per Personality programming) - Stores: 1024 keys & 1024 Common Key References (CKR) - Must order KWD-RK20 for OTAR capability [Intrinsically Safe Approved Accessory] - Order L-1236 if installation is required. - KWD-AE20K requires: a Motorola KVL3000/+ & KVL-4000 Key Fill Devices and KMF P25 OTAR (excludes Motorola-proprietary non-TIA/P25 KMF features). F/W VA2.0.3 or later supports the KVL4000. - KWD-AE20K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) - See IMPORTANT NOTES -	\$	698.60	\$	998.00

KWD-AE21K	<p>AES & DES Encryption Module for TK-5x10, TK-5x10G & TK-5x20 Portables & Mobiles (except K7 Portable)</p> <p>[KWD-AE20K support]</p> <ul style="list-style-type: none"> - Advanced Encryption Standard (AES): 256-bit symmetric key algorithm; - Data Encryption Standard (DES): 56-bit symmetric key algorithm. - 16 Multi-key List (user-selectable / per Personality programming) - Stores: 1024 keys & 1024 Common Key References (CKR) <p>[Intrinsically Safe Approved Accessory] - Order L-1237 if installation is required.</p> <p>Note: Requires KPG-113AE software key loader or Motorola KVL3000 Plus key loader device. KWD-AE21K is a U.S. DOC/BIS Export Controlled Item (ECCN 5A992A)</p>	\$	698.60	\$	998.00
KWD-DE21K	<p>DES Encryption Module for TK-5x10, TK-5x10G & TK-5x20 Portables & Mobiles</p> <p>[KWD-DE21K support]</p> <ul style="list-style-type: none"> - Data Encryption Standard (DES): 56-bit symmetric key algorithm - 16 Multi-key List (user-selectable / per Personality programming) - Stores: 1024 keys & 1024 Common Key References (CKR) <p>[Intrinsically Safe Approved Accessory] - Order L-1560 if installation is required</p> <p>Note: Requires KPG-114DE or KPG-113AE software key loader or Motorola KVL3000 Plus key loader device. KWD-DE21K is a U.S. DOC/BIS Export Controlled Item (ECCN 5A992A)</p> <p>- See IMPORTANT NOTES -</p>	\$	404.60	\$	578.00
VGS-1	<p>Voice Guide and Storage Unit</p> <p>[Intrinsically Safe Approved Accessory]</p>	\$	61.25	\$	87.50
		\$	-		
Service Related Accessories			#VALUE!		List Price
KPG-36UM	USB Programming interface cable	\$	110.95	\$	158.50
KPG-93	KVL-3000/3000 Plus Interface Cable for TK-5x10, TK-5x10G & TK-5x20 Portables	\$	183.75	\$	262.50

KPG-95DGNK

Windows® Programming Software for TK-5x10 & TK-5x10G Portables & Mobiles
(Compliant with FCC Part 90 Narrowbanding)

Note: Self-programming function is not available.

Analog & P25 Conventional Programming

A “Dealer-Level” License ID is included with each KPG-95DG(N)K which only permits full analog conventional and P25 conventional programming. Data files created with a “Network-Level Licensed” KPG-95DG(N)K and containing P25 programmed P25 trunked network parameters can be loaded and viewed with a Dealer-Level Licensed KPG-95DG(N)K, but the trunked network parameters cannot be changed.

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

1. KPG-95DG(N)K with System Key File (*.SKF)- See L-989

\$ 439.60 \$ 628.00

- For all TK-5x10 radio platforms (VER1, 2, 3 or later).
- 3-digit HEX System ID (HSID) and verifiable written authorization required from trunked system operator (SYSOP).
- Purchase KPG-95DG(N)K & L-989 Network-Level License ID
- Kenwood ships an encrypted *.SKF file on CD ROM
- The *.SKF securely embeds/encrypts the 16-digit Network Level License ID & the HSID.

2. KPG-95DG(N)K with Advanced Network Keys (ANK’s)

- For TK-5x10G/5410/5910 VER 3 or later radio platforms only.
- SYSOPs: Refer to KWD-ANK-MK Master Key
- Dealers/contractors: Refer to KWD-ANK-AK Access Key
- KPG-95DG(N)K (V7.0 or later) supports up to 16 KWD-ANK-AK Access Keys (16 trunked networks).

KWD-ANK-AK

Access Key for KPG-95DG(N)K P25 trunked programming

Notes:

- For TK-5x10G/5410/5910 VER 3 or later radio platforms only
- Must be activated by a SYSOP with KWD-ANK-MK Master Key.
- Must have KPG-95DG(N)K (V7.0 or later); L-989 is NOT required.
- Battery Life: 3 years (non-serviceable; key must be replaced)

\$ 145.60 \$ 208.00

KWD-ANK-MK

Master Key for activating KWD-ANK-AK Access Keys

- Restricted Purchase Requirements -

Notes:

- For TK-5x10G/5410/5910 VER 3 or later radio platforms only.
- Sold to SYSOP or SYSOP authorized entities only
- Must have KPG-95DG(N)K (V7.0 or later) with L-989 Network-Level License ID
- SYSOP must provide 3-digit HEX HSID to Kenwood.
- Purchase KWD-ANK-AK Access Keys if needed.
- Battery Life: 3 years (non-serviceable; key must be replaced)

\$ 350.00 \$ 500.00

\$ -

Installation/Tuning Charges

#VALUE! List Price

L-961	Assemble KMB-23 with six KSC-32K's (Rapid Rate, 120 Volt version only)	\$ 11.90	\$ 17.00
L-986	Configure TK-5x10-IS & TK-5x10-ISG for Intrinsically Safe Must order an I.S. battery, KNB-41NC-FM	\$ 70.00	\$ 100.00
L-987	Immersion Option Certification (Must purchase Immersion Option Kit, KWD-IM10 separately)	\$ -	\$ -
L-989	KPG-95D/95DG(N) Network Level ID (encrypted data file) Note: Enables Trunked system programming privileges in a KPG-95DG(N)K. - Restricted Purchase Requirements - <ul style="list-style-type: none"> • 3-Digit HEX System ID (HSID) from SYSOP required • Must Purchase KPG-95DG(N)K (V7.0 or later) with L-989 • Kenwood ships an encrypted *.SKF file on CD ROM • Non-SYSOP entities ordering L-989 must provide verifiable written authorization from SYSOP to receive an *.SKF file. • The 16-digit Network Level License ID & 3-digit HEX HSID are securely encrypted & embedded in the *.SKF file. 	\$ 92.40	\$ 132.00
L-990	TK-5x10 & TK-5x10G Portable Programming (Basic TX/RX check only with factory test freq.s or dealer/customer provided KPG-95D/95DG(N) data file)	\$ 87.50	\$ 125.00
L-1055	Install KWD-TR20 Trunking Option in TK-5210/5310/5210G/5310G (Must purchase KWD-TR20K separately)	\$ -	\$ -
L-1067	TK-5210/5310 KWD-TR20 FIELD-UPGRADE (Must purchase KWD-TR20 separately)	\$ 29.40	\$ 42.00

L-1108	Install KWD-RK20 OTAR Option in TK-5x10 & TK-5x10G Series (Must purchase KWD-RK20 separately)	\$	-	\$	-
L-1236	Install KWD-AE20K in TK-5x10 & TK-5x10G Series Portables (Must purchase module separately)	\$	52.50	\$	75.00
L-1237	Install KWD-AE21K in TK-5x10 & TK-5x10G Series Portables (Must purchase module separately)	\$	52.50	\$	75.00
L-1559	Install KWD-DE20K in TK-5x10 & TK-5x10G Series Portables (Must purchase module separately)	\$	52.50	\$	75.00
L-1560	Install KWD-DE21K in TK-5x10 & TK-5x10G Series Portables (Must purchase module separately)	\$	52.50	\$	75.00
L-1614	TK-5x10 & TK-5x10G Series Portable KCT-57MS Installation (for P25/FleetSync [®])	\$	14.00	\$	20.00
L-1733	KWD-RK20 Field Upgrade Option for TK-5x10/5x10G/5410 (Must purchase KWD-RK20 separately)	\$	29.40	\$	42.00

-- 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-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-5410D (700/800 MHz) Portable Radio Price List

Packages		Contract Price	List Price
TK-5410DK2-NKP	NiMH Battery Package (TK-5410DK2 + KNB-54N + KSC-32 + KBH-11+KRA-32K)	\$ 1,652.00	\$ 2,360.00
TK-5410DK2-LKP	Li-Polymer Package (TK-5410DK2 + KNB-43L + KSC-32 + KBH-11+KRA-32K)	\$ 1,704.50	\$ 2,435.00
TK-5410DK3-NKP	NiMH Battery Package (TK-5410DK3 + KNB-54N + KSC-32 + KBH-11+KRA-32K)	\$ 1,760.50	\$ 2,515.00
TK-5410DK3-LKP	Li-Polymer Package (TK-5410DK3 + KNB-43L + KSC-32 + KBH-11+KRA-32K)	\$ 1,813.00	\$ 2,590.00
		\$ -	
Radio - Base Model			List Price
TK-5410DK2	700/800 MHz 3W, 1024 CH, Standard Model	\$ 1,540.00	\$ 2,200.00
TK-5410DK3	700/800 MHz 3W, 1024 CH, 12 Keypad Model	\$ 1,650.83	\$ 2,358.33
		\$ -	
Special Color Housing			
TK-5410DK2-YH	700/800 MHz 3W, 1024 CH, Standard Model (w/ Yellow Housing) [see note 1]	\$ 1,627.50	\$ 2,325.00
TK-5410DK2-OH	700/800 MHz 3W, 1024 CH, 12 Keypad Model (w/ Orange Housing) [see note 1]	\$ 1,627.50	\$ 2,325.00
[Note 1]: These models are stocked in minimum quantities. Please anticipate a minimum 90-day lead time. Contact the order desk to verify availability.		\$ -	
		\$ -	
Antennas			List Price
KRA-32K	700/800 MHz Whip Antenna	\$ 24.50	\$ 35.00
KRA-36	700/800 MHz Stubby Antenna	\$ 17.50	\$ 25.00
		\$ -	
Batteries & Chargers			List Price
KBP-6	AA Alkaline Refillable Battery Pack (6 AA; 9V) cells not included Note: the color of the case is orange	\$ 47.95	\$ 68.50
KMB-23	Six Unit Charger Adapter for the KSC-16/20/24/25/25L/32 chargers (chargers not included)	\$ 133.70	\$ 191.00
KMB-30M	Wall Mount Bracket for KSC-326K/256K	\$ 23.63	\$ 33.75
KNB-33L	2000 mAh, Li-ion battery - requires KSC-32/326K charger	\$ 73.50	\$ 105.00
KNB-43L	3300 mAh, Li-Polymer battery - requires KSC-32/326K charger	\$ 114.10	\$ 163.00

KNB-49PL	4500 mAh, Primary Lithium battery Note: Non-Rechargeable (please recycle all batteries properly) 10 year Shelf Life (approx. 1% charge degradation per year when properly stored: +50 °F to +86 °F @ less than 70% humidity)	\$	58.80	\$	84.00
KNB-54N	2500 mAh, Ni-MH battery - requires KSC-32/326K charger [Immersion Option compatible]	\$	61.25	\$	87.50
KSC-32	Rapid rate single unit charger for KNB-31A/32N/33L/41NC/43L/47L/48L/50NC/54N 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).	\$	49.00	\$	70.00
KSC-326K	Rapid rate 6-unit charger for KNB-31A/32N/33L/41NC/43L/47L/48L/50NC/54N	\$	441.00	\$	630.00
KVC-15	Rapid rate DC vehicular charger adapter for the KSC-32 (chargers not included; includes KSC-mobile bracket & cigarette lighter cable DC adapter)	\$	83.30	\$	119.00
KVC-18	Vehicular D.C. Charger for 180/5*10 Portables with NiCd or NiMH Battery	\$	312.55	\$	446.50
KVC-20L	Vehicular D.C. Charger for 180/5**0/, NX Portables with Li-ion or Li Polymer Battery	\$	347.90	\$	497.00
		\$	-		

Carrying Accessories

				List Price	
KBH-11	Spring action belt clip (2.5")	\$	10.29	\$	14.70
KBH-8DS	Leather belt loop with D-Ring receptacle and D-Ring stud attachment Notes: cannot use belt clip when installed	\$	18.41	\$	26.30
KLH-133K2	Heavy duty leather carrying case for TK-5*10 Standard Models	\$	30.98	\$	44.25
KLH-133K3	Heavy duty leather carrying case for TK-5*10 12 Keypad Models	\$	30.98	\$	44.25
KLH-134K2	Cordura Nylon carrying case for TK-5*10 Standard Models	\$	18.41	\$	26.30
KLH-134K3	Cordura Nylon carrying case for TK-5*10 12 Keypad Models	\$	18.41	\$	26.30
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)	\$	25.73	\$	36.75
KLH-6SW	Leather belt loop with D-Ring receptacle and D-Ring stud leather case back Notes: converts leather carry case to swivel	\$	15.40	\$	22.00
		\$	-		

Microphones & Audio Accessories (for FDMA & TDMA Operations)

				List Price	
KMC-42WD	MIL-SPEC, IP67 (Immersion) Noise-canceling Speaker Mic	\$	79.80	\$	114.00
KMC-47GPSD	GPS Speaker Microphone	\$	203.00	\$	290.00
KMC-51D	MIL-SPEC, IP54/55 DSP Digital Noise-canceling Speaker Mic [see note 1]	\$	175.00	\$	250.00
KMC-52WD	MIL-SPEC, IP67 (Immersion) DSP Digital Noise-canceling Speaker Mic [see note 1]	\$	210.00	\$	300.00

Microphones & Audio Accessories (for FDMA Operations)				List Price
		\$	-	
KCT-30	2.5mm Audio Accessory Adapter for KEP-3/4	\$	44.80	\$ 64.00
KCT-51	Hirose 6-pin Adapter (adapts KVL/aftermarket audio acc. to portable connector)	\$	150.50	\$ 215.00
KEP-1	3.5mm earphone kit for KMC-25/26/41M/42WM Speaker Mics	\$	36.75	\$ 52.50
KEP-3	30" Earphone kit w/ 2.5mm plug for KCT-30	\$	36.05	\$ 51.50
KEP-4	48" Earphone kit w/ 2.5mm plug for KCT-30	\$	38.33	\$ 54.75
KHS-11BE	2-wire palm mic w/earphone, universal connector (Beige)	\$	109.55	\$ 156.50
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black)	\$	109.55	\$ 156.50
KHS-12BE	3-wire mini lapel mic w/earphone, universal connector (Beige)	\$	128.80	\$ 184.00
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black)	\$	128.80	\$ 184.00
KHS-14	Lt. Wt. Single muff headset w/boom mic & In-line PTT	\$	88.20	\$ 126.00
KHS-15-BH	Hvy-duty noise reduction behind-the-headset w/noise cancelling boom mic & in-line PTT	\$	294.00	\$ 420.00
KHS-15-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & in-line PTT	\$	257.60	\$ 368.00
KMC-41M	MIL-SPEC, IP54/55 Noise-canceling Speaker Mic	\$	67.55	\$ 96.50
KMC-42WM	MIL-SPEC, IP67 (Immersion) Noise-canceling Speaker Mic	\$	79.80	\$ 114.00
KMC-49	MIL-SPEC, Speaker Mic. with Antenna Connector Note: 5/16" Coax cable hex wrench included (antenna is not included).	\$	175.00	\$ 250.00
KMC-51M	MIL-SPEC, IP54/55 DSP Digital Noise-canceling Speaker Mic [see note 1]	\$	175.00	\$ 250.00
KMC-52W	MIL-SPEC, IP67 (Immersion) DSP Digital Noise-canceling Speaker Mic [see note 1]	\$	210.00	\$ 300.00
	[note 1]: To adjust microphone settings different from factory default, download KPG-147NC configuration software and special configuration firmware from Kenwood Tools (no charge).	\$	-	
		\$	-	
Firmware Options				List Price

KWD-RK20

OTAR Option for KWD-AE20K Encryption Module in TK-5x10 series (OTAR in P25 Conventional & Trunked Modes)

- **Requires KWD-AE20K module.**
- **L-1108** (for portable) & **L-1109** (for mobile) Installation (no charge)
- **L-1733** (for portable) & **L-1734** (for mobile) Field Upgrade Option

Note:

- Supports OTAR in P25 Conventional & Trunked modes (Not compatible with GK7 64 CH Model)
- Compatible with Motorola KMF P25 OTAR (excludes Motorola-proprietary non-TIA/P25 KMF features)
- Requires KPG-95D/DG(N) V7.10 or later for radio programming
- TK-5x10 VER2: Requires KPG-95D V5.40 or later for radio programming
- TK-5410/5910: Requires KPG-95D V6.00 or later for radio programming
- TK-5x10G: Requires KPG-95DG(N) for radio programming
- TK-5x10 VER2: Option deletes self-programming, cloning and analog FleetSync® (except PTT ID/Emergency) when installed.

\$ 581.00 \$ 830.00

KWD-RK20 is an U.S. DOC/BIS Export Controlled Item (ECCN 5D002A)

- See **IMPORTANT NOTES** -

\$ -

Software Options

List Price

KPG-113AE AES/DES Encryption Software Key Loader for KWD-DE21K/KWD-AE21K
Loads AES & DES keys on capable encryption modules

Note: KPG-113AE is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A)

\$ 367.50 \$ 525.00

- See **IMPORTANT NOTES** -

KPG-114DE	DES Encryption Software Key Loader for KWD-DE21K/KWD-AE21K Loads DES keys only regardless of encryption module model Note: KPG-114DE is a U.S. DOC/BIS Export Controlled Item (ECCN 5D992A.1) - See IMPORTANT NOTES -	\$	257.60	\$	368.00
		\$	-		
Option Modules				List Price	
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	\$	34.30	\$	49.00
KCT-57MS	Man-Down Internal Tilt Switch (Non-Mercury) [Intrinsically Safe Approved Accessory] - Must be Kenwood installed for I.S. Order L-1613 for CIM-1000, K-20, K-26 & L-1614 for FleetSync®/P25 Emergency operations	\$	15.40	\$	22.00
KWD-AE20K	AES FIPS140-2 & DES Encryption Module for TK-5x10, TK-5x10G & TK-5x20 Portables & Mobiles (except K7 Portable) [KWD-AE20K support] - Advanced Encryption Standard (AES): 256-bit symmetric key algorithm; NIST validated per FIPS140-2 - Data Encryption Standard (DES): 56-bit symmetric key algorithm. - 16 Multi-key List (user-selectable / per Personality programming) - Stores: 1024 keys & 1024 Common Key References (CKR) - Must order KWD-RK20 for OTAR capability [Intrinsically Safe Approved Accessory] - Order L-1236 if installation is required. - KWD-AE20K requires: a Motorola KVL3000/+ & KVL-4000 Key Fill Devices and KMF P25 OTAR (excludes Motorola-proprietary non-TIA/P25 KMF features). F/W VA2.0.3 or later supports the KVL4000. - KWD-AE20K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1)	\$	698.60	\$	998.00

KWD-AE21K	<p>AES & DES Encryption Module for TK-5x10, TK-5x10G & TK-5x20 Portables & Mobiles (except K7 Portable) [KWD-AE20K support]</p> <ul style="list-style-type: none"> - Advanced Encryption Standard (AES): 256-bit symmetric key algorithm; - Data Encryption Standard (DES): 56-bit symmetric key algorithm. - 16 Multi-key List (user-selectable / per Personality programming) - Stores: 1024 keys & 1024 Common Key References (CKR) <p>[Intrinsically Safe Approved Accessory] - Order L-1237 if installation is required. Note: Requires KPG-113AE software key loader or Motorola KVL3000 Plus key loader device. KWD-AE21K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) - See IMPORTANT NOTES -</p>	\$	698.60	\$	998.00
KWD-DE21K	<p>DES Encryption Module for TK-5x10, TK-5x10G & TK-5x20 Portables & Mobiles [KWD-DE21K support]</p> <ul style="list-style-type: none"> - Data Encryption Standard (DES): 56-bit symmetric key algorithm - 16 Multi-key List (user-selectable / per Personality programming) - Stores: 1024 keys & 1024 Common Key References (CKR) <p>[Intrinsically Safe Approved Accessory] - Order L-1560 if installation is required Note: Requires KPG-114DE or KPG-113AE software key loader or Motorola KVL3000 Plus key loader device. KWD-DE21K is a U.S. DOC/BIS Export Controlled Item (ECCN 5A992A) - See IMPORTANT NOTES -</p>	\$	404.60	\$	578.00
		\$	-		
Service Related Accessories				List Price	
KPG-36UM	USB Programming interface cable	\$	110.95	\$	158.50
KPG-93	KVL-3000/3000 Plus Interface Cable for TK-5x10, TK-5x10G & TK-5x20 Portables	\$	183.75	\$	262.50

KPG-95DGNK

Windows® Programming Software for TK-5x10 & TK-5x10G Portables & Mobiles
(Compliant with FCC Part 90 Narrowbanding)

Note: Self-programming function is not available.

Analog & P25 Conventional Programming

A “Dealer-Level” License ID is included with each KPG-95DG(N)K which only permits full analog conventional and P25 conventional programming. Data files created with a “Network-Level Licensed” KPG-95DG(N)K and containing P25 programmed P25 trunked network parameters can be loaded and viewed with a Dealer-Level Licensed KPG-95DG(N)K, but the trunked network parameters cannot be changed.

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

1. KPG-95DG(N)K with System Key File (*.SKF)- See L-989

- For all TK-5x10 radio platforms (VER1, 2, 3 or later).
- 3-digit HEX System ID (HSID) and verifiable written authorization required from trunked system operator (SYSOP). \$ 439.60 \$ 628.00
- Purchase KPG-95DG(N)K & L-989 Network-Level License ID
- Kenwood ships an encrypted *.SKF file on CD ROM
- The *.SKF securely embeds/encrypts the 16-digit Network Level License ID & the HSID.

2. KPG-95DG(N)K with Advanced Network Keys (ANK's)

- For TK-5x10G/5410/5910 VER 3 or later radio platforms only.
 - SYSOPs: Refer to KWD-ANK-MK Master Key
 - Dealers/contractors: Refer to KWD-ANK-AK Access Key
 - KPG-95DG(N)K (V7.0 or later) supports up to 16 KWD-ANK-AK Access Keys (16 trunked networks).
-

KWD-ANK-AK	Access Key for KPG-95DG(N)K P25 trunked programming			
	Notes:			
	• For TK-5x10G/5410/5910 VER 3 or later radio platforms only			
	• Must be activated by a SYSOP with KWD-ANK-MK Master Key.	\$	145.60	\$ 208.00
	• Must have KPG-95DG(N)K (V7.0 or later); L-989 is NOT required.			
	• Battery Life: 3 years (non-serviceable; key must be replaced)			

KWD-ANK-MK	Master Key for activating KWD-ANK-AK Access Keys			
	- Restricted Purchase Requirements -			
	Notes:			
	• For TK-5x10G/5410/5910 VER 3 or later radio platforms only.			
	• Sold to SYSOP or SYSOP authorized entities only			
	• Must have KPG-95DG(N)K (V7.0 or later) with L-989 Network-Level License ID	\$	350.00	\$ 500.00
	• SYSOP must provide 3-digit HEX HSID to Kenwood.			
	• Purchase KWD-ANK-AK Access Keys if needed.			
	• Battery Life: 3 years (non-serviceable; key must be replaced)			

		\$	-	
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Installation/Tuning Charges				List Price
L-961	Assemble KMB-23 with six KSC-32K's (Rapid Rate, 120 Volt version only)	\$	11.90	\$ 17.00
L-986	Configure TK-5x10-IS & TK-5x10-ISG for Intrinsically Safe Must order an I.S. battery, KNB-41NC-FM	\$	70.00	\$ 100.00
L-987	Immersion Option Certification (Must purchase Immersion Option Kit, KWD-IM10 separately)	\$	-	\$ -

L-989	KPG-95D/95DG(N) Network Level ID (encrypted data file) Note: Enables Trunked system programming privileges in a KPG-95DG(N)K. - Restricted Purchase Requirements - <ul style="list-style-type: none"> • 3-Digit HEX System ID (HSID) from SYSOP required • Must Purchase KPG-95DG(N)K (V7.0 or later) with L-989 • Kenwood ships an encrypted *.SKF file on CD ROM • Non-SYSOP entities ordering L-989 must provide verifiable written authorization from SYSOP to receive an *.SKF file. • The 16-digit Network Level License ID & 3-digit HEX HSID are securely encrypted & embedded in the *.SKF file. 	\$	92.40	\$	132.00
L-990	TK-5x10 & TK-5x10G Portable Programming (Basic TX/RX check only with factory test freq.s or dealer/customer provided KPG-95D/95DG(N) data file)	\$	87.50	\$	125.00
L-1236	Install KWD-AE20K in TK-5x10 & TK-5x10G Series Portables (Must purchase module separately)	\$	52.50	\$	75.00
L-1237	Install KWD-AE21K in TK-5x10 & TK-5x10G Series Portables (Must purchase module separately)	\$	52.50	\$	75.00
L-1560	Install KWD-DE21K in TK-5x10 & TK-5x10G Series Portables (Must purchase module separately)	\$	52.50	\$	75.00
L-1614	TK-5x10 & TK-5x10G Series Portable KCT-57MS Installation (for P25/FleetSync [®])	\$	14.00	\$	20.00
L-1733	KWD-RK20 Field Upgrade Option for TK-5x10/5x10G/5410 (Must purchase KWD-RK20 separately)	\$	29.40	\$	42.00
L-1774	P25 Phase 2 Trunked Programming Software (Must purchase KPG-95DGNK separately)	\$	-	\$	-

-- 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-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-5710G/5810G (VHF/UHF) Mobile Radio Price List

Radio - Base Model		Contract Price	List Price
TK-5710BGK	136-174MHz 10-50W 100 Zones/1024 Channels (R.F. DECK ONLY)	\$ 1,120.70	\$ 1,601.00
TK-5710HBGK	136-174MHz 50-110W 100 Zones/1024 Channels (R.F. DECK ONLY)	\$ 1,547.70	\$ 2,211.00
TK-5810BGK	450-520 MHz 5-45W 100 Zones/1024 Channels (R.F. DECK ONLY)	\$ 1,120.70	\$ 1,601.00
TK-5810BGK2	400-470 MHz 5-45W 100 Zones/1024 Channels (R.F. DECK ONLY)	\$ 1,120.70	\$ 1,601.00
TK-5810HBGK	450-520 MHz 50-100W 100 Zones/1024 Channels (R.F. DECK ONLY)	\$ 1,547.70	\$ 2,211.00
TK-5810HBGK2	400-470 MHz 50-100W 100 Zones/1024 Channels (R.F. DECK ONLY)	\$ 1,547.70	\$ 2,211.00
		\$ -	

Accessory Configuration Sets

CONFIGURATION SET DEFINITIONS

Dash Mount

10BHD	KCH-14M, KCT-23M2, KMB-9, KMC-27	\$ 478.45	\$ 683.50
10BMD	KCH-14M, KCT-23M, KMB-5, KMC-27	\$ 457.45	\$ 653.50
10FHD	KCH-15M, KCT-23M2, KMB-9, KMC-27, KES-5	\$ 521.33	\$ 744.75
10FMD	KCH-15M, KCT-23M, KMB-5, KMC-27, KES-5	\$ 500.33	\$ 714.75

Single Head Remote Mount

		\$ -	
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10BHSB	KCH-14M, KRK-5, KCT-22M2, KCT-23M4, KMB-9, KMC-27	\$	644.70	\$	921.00
10BMSB	KCH-14M, KRK-5, KCT-22M2, KCT-23M3, KMB-5, KMC-27	\$	621.43	\$	887.75
10FHSB	KCH-15M, KRK-5, KCT-22M2, KCT-23M4, KMB-9, KMC-27, KES-5	\$	687.58	\$	982.25
10FMSB	KCH-15M, KRK-5, KCT-22M2, KCT-23M3, KMB-5, KMC-27, KES-5	\$	664.30	\$	949.00
		\$	-		
Dual Head Remote Mount		\$	-		
10BHDH	KCH-14M(x2), KRK-6DH, KCT-22M2(x2), KCT-23M4, KMB-9, KMC-27(x2)	\$	1,202.60	\$	1,718.00
10BMDH	KCH-14M(x2), KRK-6DH, KCT-22M2(x2), KCT-23M3, KMB-5, KMC-27(x2)	\$	1,179.33	\$	1,684.75
10FHDH	KCH-15M(x2), KRK-6DH, KCT-22M2(x2), KCT-23M4, KMB-9, KMC-27(x2), KES-5(x2)	\$	1,288.35	\$	1,840.50
10FMDH	KCH-15M(x2), KRK-6DH, KCT-22M2(x2), KCT-23M3, KMB-5, KMC-27(x2), KES-5(x2)	\$	1,265.08	\$	1,807.25
		\$	-		
Handheld Control Head Remote		\$	-		
10CHSB	KCH-16M, KRK-11M, KCT-22M2, KCT-23M4, KMB-9, KES-5	\$	739.73	\$	1,056.75
10CMSB	KCH-16M, KRK-11M, KCT-22M2, KCT-23M3, KMB-9, KES-5	\$	732.38	\$	1,046.25
		\$	-		
Front Panels & Remote Kits (Order Configuration Sets for full install accessories)				List Price	
		\$	-		
KCH-14M	Basic Remote Control Head w/ 12 Alphanumeric Display (4W Front Speaker) Note: All KCH-14 / Basic Control Head configurations are shipped with the control heads 4W internal speaker enabled. Order L-1008 to enable the 13W external speaker output for KES-5 speaker use. This will disconnect the control heads internal 4W speaker !	\$	352.80	\$	504.00
KCH-15M	Full-Featured Remote Control Head w/ 14 Alphanumeric Display Note: Requires an external speaker	\$	352.80	\$	504.00
KRK-5	Single Control Head Remote Mount Kit	\$	102.90	\$	147.00
KRK-6DH	Dual Control Head Remote Mount Kit	\$	176.40	\$	252.00
		\$	-		
Handheld Control Head Remote (Order Configuration Sets for full install accessories)				List Price	
KCH-16M	Handheld Control Head for P25 Mobiles Note: Requires KRK-11M, KCT-22M/M2/M3, & KES-5	\$	382.20	\$	546.00
KRK-11M	KCH-16M HHCH Interface Kit for Single Head Remote	\$	198.45	\$	283.50
		\$	-		
Cables				List Price	
KCT-18	Ignition sense cable	\$	9.59	\$	13.70

KCT-22M	Control cable - 8 Feet	\$	51.45	\$	73.50
KCT-22M2	Control cable - 17 Feet (Standard accessory config. set cable)	\$	58.80	\$	84.00
KCT-22M3	Control cable - 25 Feet	\$	66.15	\$	94.50
KCT-23M	DC Cable (10-50W Dash mount)	\$	22.05	\$	31.50
KCT-23M2	DC Cable (50-110W Dash mount)	\$	27.13	\$	38.75
KCT-23M3	DC Cable (10-50W Remote mount)	\$	24.33	\$	34.75
KCT-23M4	DC Cable (50-110W Remote mount)	\$	31.68	\$	45.25
		\$	-		
Mobile Installation Accessories				List Price	
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max)	\$	29.40	\$	42.00
KMB-10	Key Lock Adapter for use with KMB-4/5/6	\$	18.41	\$	26.30
KMB-5	Medium Power Mounting Bracket (10-50W models)	\$	9.80	\$	14.00
KMB-9	Heavy Duty Mounting Bracket with built-in key lock	\$	25.73	\$	36.75
		\$	-		
Microphones & Speakers				List Price	
KES-5	External Speaker (40W max input)	\$	42.88	\$	61.25
KMC-27	MIL-SPEC noise-canceling mobile hand microphone	\$	72.80	\$	104.00
KMC-28	MIL-SPEC DTMF noise-canceling mobile hand microphone	\$	114.10	\$	163.00
KMC-9B	Desk top microphone	\$	67.55	\$	96.50
		\$	-		
Service Related Accessories				List Price	
KPG-43UM	USB Programming interface cable	\$	110.95	\$	158.50
KPG-94	KVL-3000/3000 Plus Interface Cable for TK-5x10 & TK-5x10G Mobiles	\$	183.75	\$	262.50

KPG-95DGNK

Windows® Programming Software for TK-5x10 & TK-5x10G Portables & Mobiles
(Compliant with FCC Part 90 Narrowbanding)

Note: *Self-programming function is not available.*

Analog & P25 Conventional Programming

A “Dealer-Level” License ID is included with each KPG-95D/DG(N)K which only permits full analog conventional and P25 conventional programming. Data files created with a “Network-Level Licensed” KPG-95D/95DG and containing P25 programmed P25 trunked network parameters can be loaded and viewed with a Dealer-Level Licensed KPG-95D/DG(N)K, but the trunked network parameters cannot be changed.

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

1. KPG-95DG(N)K with System Key File (*.SKF)- See L-989

\$ 439.60 \$ 628.00

- For all TK-5x10 radio platforms (VER1, 2, 3 or later).
- 3-digit HEX System ID (HSID) and verifiable written authorization required from trunked system operator (SYSOP).
- Purchase KPG-95DG(N)K & L-989 Network-Level License ID
- Kenwood ships an encrypted *.SKF file on CD ROM
- The *.SKF securely embeds/encrypts the 16-digit Network Level License ID & the HSID.

2. KPG-95DG(N)K with Advanced Network Keys (ANK’s)

- For TK-5x10G/5410/5910 VER 3 or later radio platforms only.
- SYSOPs: Refer to KWD-ANK-MK Master Key
- Dealers/contractors: Refer to KWD-ANK-AK Access Key
- KPG-95DG(N)K (V7.0 or later) supports up to 16 KWD-ANK-AK Access Keys (16 trunked networks).

KWD-ANK-AK

Access Key for KPG-95DGK P25 trunked programming

Notes:

- For TK-5x10G/5410/5910 VER 3 or later radio platforms only
- Must be activated by a SYSOP with KWD-ANK-MK Master Key.
- Must have KPG-95DG(N)K (V7.0 or later); L-989 is NOT required.
- Battery Life: 3 years (non-serviceable; key must be replaced)

\$ 145.60 \$ 208.00

KWD-ANK-MK	<p>Master Key for activating KWD-ANK-AK Access Keys</p> <p>- Restricted Purchase Requirements -</p> <p>Notes:</p> <ul style="list-style-type: none"> • For TK-5x10G/5410/5910 VER 3 or later radio platforms only. • Sold to SYSOP or SYSOP authorized entities only • Must have KPG-95DG(N)K (V7.0 or later) with L-989 Network-Level License ID • SYSOP must provide 3-digit HEX HSID to Kenwood. • Purchase KWD-ANK-AK Access Keys if needed. • Battery Life: 3 years (non-serviceable; key must be replaced) 	\$	350.00	\$	500.00
		\$	-		

Firmware Options		#VALUE!	List Price		
KWD-RK20	<p>OTAR Option for KWD-AE20K Encryption Module in TK-5x10 series (OTAR in P25 Conventional & Trunked Modes)</p> <ul style="list-style-type: none"> • Requires KWD-AE20K module. • L-1108 (for portable) & L-1109 (for mobile) Installation (no charge) • L-1733 (for portable) & L-1734 (for mobile) Field Upgrade Option <p>Note:</p> <ul style="list-style-type: none"> • Supports OTAR in P25 Conventional & Trunked modes (Not compatible with GK7 64 CH Model) • Compatible with Motorola KMF P25 OTAR (excludes Motorola-proprietary non-TIA/P25 KMF features) • Requires KPG-95D/DG(N) V7.10 or later for radio programming • TK-5x10 VER2: Requires KPG-95D V5.40 or later for radio programming • TK-5410/5910: Requires KPG-95D V6.00 or later for radio programming • TK-5x10G: Requires KPG-95DG(N) for radio programming • TK-5x10 VER2: Option deletes self-programming, cloning and analog FleetSync® (except PTT ID/Emergency) when installed. <p>KWD-RK20 is an U.S. DOC/BIS Export Controlled Item (ECCN 5D002A)</p> <p>- See IMPORTANT NOTES -</p>	\$	581.00	\$	830.00

KWD-TR20	Trunking Option for TK-5210/5310/5210G/5310G, TK-5710/5810/5710G/5810G KWD-TR20 support:16 Trunking Network Must order L-1056 for factory installation, or L-1068 for field-upgrade option Note: KPG-95D/95DG(N) Requires Network Level License ID to program trunked network radio parameters (see KPG-95D/95DG(N) for purchase restrictions & requirements) Compatible with TK-5210 Version 2 (SN 80600001 or later); TK-5310 (SN 809xxxxx or later); TK-5710 Version 2 (SN806xxxxx); TK-5810 (SN 809xxxxx or later); All TK-5x10G Series are compatible	\$	233.80	\$	334.00
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\$ -

Software Options	List Price
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KPG-113AE	AES/DES Encryption Software Key Loader for KWD-DE21K/KWD-AE21K Loads AES & DES keys on capable encryption modules Note: KPG-113AE is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A) - See IMPORTANT NOTES -	\$	367.50	\$	525.00
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KPG-114DE	DES Encryption Software Key Loader for KWD-DE21K/KWD-AE21K Loads DES keys only regardless of encryption module model Note: KPG-114DE is a U.S. DOC/BIS Export Controlled Item (ECCN 5D992A.1) - See IMPORTANT NOTES -	\$	257.60	\$	368.00
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\$ -

Option Modules	List Price
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KWD-AE20K AES FIPS140-2 & DES Encryption Module for TK-5x10, TK-5x10G & TK-5x20 Portables & Mobiles (except K7 Portable)
 [KWD-AE20K support]
 - Advanced Encryption Standard (AES): 256-bit symmetric key algorithm; NIST validated per FIPS140-2
 - Data Encryption Standard (DES): 56-bit symmetric key algorithm.
 - 16 Multi-key List (user-selectable / per Personality programming)
 - Stores: 1024 keys & 1024 Common Key References (CKR) \$ 698.60 \$ 998.00
 - Must order KWD-RK20 for OTAR capability
 - Order **L-1345** if installation is required.
 - KWD-AE20K requires: a Motorola KVL3000/+ & KVL-4000 Key Fill Devices and KMF P25 OTAR (excludes Motorola-proprietary non-TIA/P25 KMF features). F/W VA2.0.3 or later supports the KVL4000.
 - KWD-AE20K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1)
 - **See IMPORTANT NOTES -**

KWD-AE21K AES & DES Encryption Module for TK-5x10, TK-5x10G & TK-5x20 Portables & Mobiles (except K7 Portable)
 [KWD-AE20K support]
 - Advanced Encryption Standard (AES): 256-bit symmetric key algorithm;
 - Data Encryption Standard (DES): 56-bit symmetric key algorithm.
 - 16 Multi-key List (user-selectable / per Personality programming)
 - Stores: 1024 keys & 1024 Common Key References (CKR) \$ 698.60 \$ 998.00
 Order **L-1346** if installation is required.
Note: Requires KPG-113AE software key loader or Motorola KVL3000 Plus key loader device.
 KWD-AE21K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1)
 - **See IMPORTANT NOTES -**

KWD-DE21K	DES Encryption Module for TK-5x10, TK-5x10G & TK-5x20 Portables & Mobiles [KWD-DE21K support] - Data Encryption Standard (DES): 56-bit symmetric key algorithm - 16 Multi-key List (user-selectable / per Personality programming) - Stores: 1024 keys & 1024 Common Key References (CKR) Order L-1602 if installation is required Note: Requires KPG-114DE or KPG-113AE software key loader or Motorola KVL3000 Plus key loader device. KWD-DE21K is a U.S. DOC/BIS Export Controlled Item (ECCN 5A992A) - See IMPORTANT NOTES -	\$	404.60	\$	578.00
VGS-1	Voice Guide and Storage Unit Note: VGS-1 provides Auto-Record, Voice Memo & Playback; The Voice Guide (a.k.a annunciation) function is built-in to the TK-5710/5810 and does not require the VGS-1	\$	61.25	\$	87.50
		\$	-		
GPS Option				List Price	
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.	\$	43.40	\$	62.00
GPS15XL-W	Garmin Internal GPS Receiver Board (P25 Conventional) Note: • Provides GPS on P25 Conventional only (TIA-102.BAIB Tier I Location Service compliant; not for use over trunked systems) • Requires GA25MCX GPS antenna	\$	91.18	\$	130.25
		\$	-		
Installation /Tuning Charges				List Price	
L-862	Install Front Panel PF Key Label Inserts in TK-5x10, TK-5x10G & TK-x90 series Mobile (key names and positions must be specified)	\$	10.50	\$	15.00
L-864	KCT-22A Extended Control Head Cable (Specify length in 1 ft increments up to 50 ft. max.)	\$	133.00	\$	190.00

L-865	KCT-22A Extended Control Head Cable (Specify length in 1 ft. increments up to 100 ft. max.) Extended control head cables: Extended cables result in a loss of control head audio power. On KCH-14 use 13W audio output modifications per service manual Use a standard KCT-22 25 ft. or less cable for firmware installation. Normal KPG-95D radio programming is possible at extended lengths.	\$	171.50	\$	245.00
L-866	Modify KCT-23M2/M4 110W High Power DC Cables from 4 to 2 Conductors (1x23 ft. positive, 1x23 ft. negative; AWG #10) Two Conductor Modification: KCT-23M2 75/110W Dash Mount DC Cable (4 Conductor: 2x10 ft. positive, 2x10 ft. negative) KCT-23M4 75/110W Remote Mount DC Cable (4 Conductor: 2x23 ft. positive, 2x23 ft. negative)	\$	52.50	\$	75.00
L-962	Install VGS-1 Voice Guide & Storage Unit	\$	17.50	\$	25.00
L-989	KPG-95D/95DG(N) Network Level ID (encrypted data file) Note: Enables Trunked system programming privileges in a KPG-95DG(N)K. - Restricted Purchase Requirements - <ul style="list-style-type: none"> • 3-Digit HEX System ID (HSID) from SYSOP required • Must Purchase KPG-95DG(N)K (V7.0 or later) with L-989 • Kenwood ships an encrypted *.SKF file on CD ROM • Non-SYSOP entities ordering L-989 must provide verifiable written authorization from SYSOP to receive an *.SKF file. • The 16-digit Network Level License ID & 3-digit HEX HSID are securely encrypted & embedded in the *.SKF file. 	\$	92.40	\$	132.00
L-1005	TK-5x10 & TK-5x10G Mobile Programming (Basic TX/RX check only with factory test freq.s or dealer/customer provided KPG-95D/95DG(N) data file)	\$	87.50	\$	125.00
L-1006	Modify TK-5x10 & TK-5x10G Mobile for Horn Alert relay output (1 amp max.; relay factory installed already)	\$	17.50	\$	25.00
L-1008	External Speaker modification for TK-5x10 & TK-5x10G mobile Control Head (13W) Note: All Basic Control Head (KCH-14M) configurations are shipped with the control heads 4W internal speaker enables. Order L-1008 to enable the 13W external	\$	7.00	\$	10.00
L-1028	Package Dash/Single Head Remote for TK-5x10 & TK-5x10G mobiles	\$	11.90	\$	17.00

L-1029	Package Dual Head Remote for TK-5x10 & TK-5x10G mobiles	\$	23.80	\$	34.00
L-1056	Install KWD-TR20 Trunking Option in TK-5710/5810 & TK-5710G/5810G (Must purchase KWD-TR20K separately)	\$	-	\$	-
L-1068	TK-5710/5810 & TK-5710G/5810G KWD-TR20 FIELD-UPGRADE (Must purchase KWD-TR20 separately)	\$	29.40	\$	42.00
L-1109	Install KWD-RK20 OTAR Option in TK-5x10 & TK-5x10G Mobiles (Must purchase KWD-RK20 separately)	\$	-	\$	-
L-1110	Package HHCH Remote for TK-5x10 & TK-5x10G mobiles	\$	17.50	\$	25.00
L-1345	Install KWD-AE20K in TK-5x10 & TK-5x10G Mobile (Must purchase module separately)	\$	52.50	\$	75.00
L-1346	Install KWD-AE21K in TK-5x10 & TK-5x10G Mobile (Must purchase module separately)	\$	52.50	\$	75.00
L-1602	Install KWD-DE21K in TK-5x10 & TK-5x10G Mobile (Must purchase module separately)	\$	52.50	\$	75.00
L-1734	KWD-RK20 Field Upgrade Option for TK-5x10/5x10G/5910 (Must purchase KWD-RK20 separately)	\$	29.40	\$	42.00

-- 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-AE20 AES FIPS140-2 SCM , NIST Validation & Customer Shipping

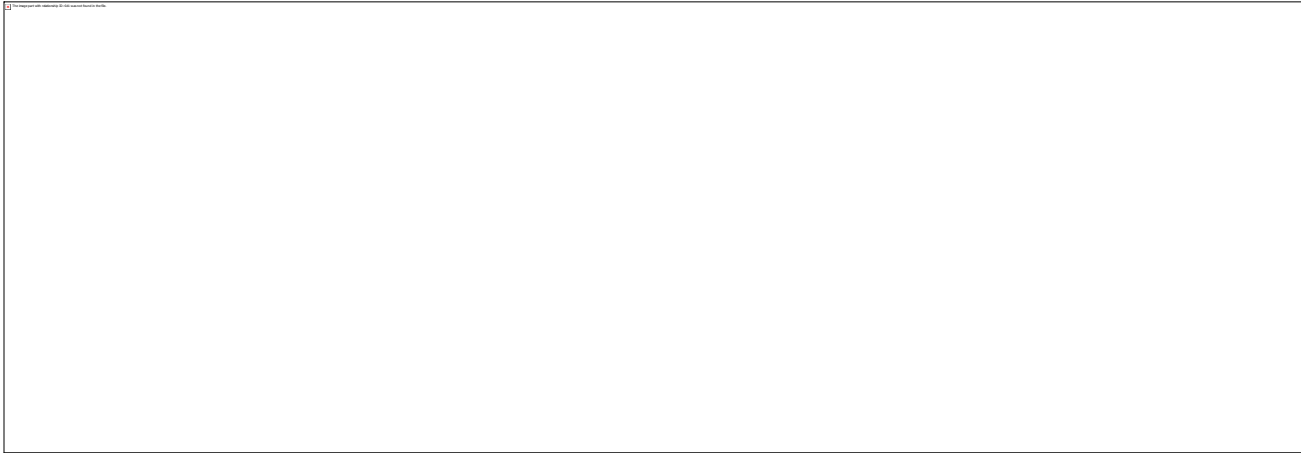
A secure delivery method direct to the end user customer is required by the NIST AES FIPS 140-2 validation rules. For U.S. Federal Government entities the SCM must ship from Kenwood USA Corporation directly to the end user customer by a trusted carrier (FEDEX, UPS or a designated Kenwood USA Corporation 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-5910 (700/800) Mobile Radio Price List

Radio - Base Model		Contract Price	List Price
TK-5910BK	700/800 MHz 2-30/35W 100 Zones/1024 Channels (R.F. DECK ONLY)	\$ 1,312.50	\$ 1,875.00

Accessory Configuration Sets	Contract Price	List Price
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CONFIGURATION SET DEFINITIONS



Dash Mount			
10BMD-9	KCH-14M, KCT-23M, KMB-9, KMC-27	\$ 473.38	\$ 676.25
10FMD-9	KCH-15M, KCT-23M, KMB-9, KMC-27, KES-5	\$ 516.25	\$ 737.50
		\$ -	
Single Head Remote Mount			
10BMSH-9	KCH-14M, KRK-5, KCT-22M2, KCT-23M3, KMB-9, KMC-27	\$ 637.35	\$ 910.50
10FMSH-9	KCH-15M, KRK-5, KCT-22M2, KCT-23M3, KMB-9, KMC-27, KES-5	\$ 680.23	\$ 971.75
		\$ -	
Dual Head Remote Mount			
10BMDH-9	KCH-14M(x2), KRK-6DH, KCT-22M2(x2), KCT-23M3, KMB-9, KMC-27(x2)	\$ 1,195.25	\$ 1,707.50
10FMDH-9	KCH-15M(x2), KRK-6DH, KCT-22M2(x2), KCT-23M3, KMB-9, KMC-27(x2), KES-5(x2)	\$ 1,281.00	\$ 1,830.00
		\$ -	

Handheld Control Head Remote		\$	-	
10CMSH	KCH-16M, KRK-11M, KCT-22M2, KCT-23M3, KMB-9, KES-5	\$	732.38	\$ 1,046.25
		\$	-	
Front Panels & Remote Kits (Order Configuration Sets for full install accessories)				List Price
KCH-14M	Basic Remote Control Head w/ 12 Alphanumeric Display (4W Front Speaker) Note: All KCH-14 / Basic Control Head configurations are shipped with the control heads 4W internal speaker enabled. Order L-1008 to enable the 13W external speaker output for KES-5 speaker use. This will disconnect the control heads internal 4W speaker !	\$	352.80	\$ 504.00
KCH-15M	Full-Featured Remote Control Head w/ 14 Alphanumeric Display Note: requires an external speaker	\$	352.80	\$ 504.00
KRK-5	Single Control Head Remote Mount Kit	\$	102.90	\$ 147.00
KRK-6DH	Dual Control Head Remote Mount Kit	\$	176.40	\$ 252.00
		\$	-	
Handheld Control Head Remote (Order Configuration Sets for full install accessories)				List Price
KCH-16M	Handheld Control Head for P25 Mobiles Note: requires KRK-11M, KCT-22M/M2/M3, & KES-5	\$	382.20	\$ 546.00
KRK-11M	KCH-16M HHCH Interface Kit for Single Head Remote	\$	198.45	\$ 283.50
		\$	-	
Cables				List Price
KCT-18	Ignition sense cable	\$	9.59	\$ 13.70
KCT-22M	Control cable - 8 Feet	\$	51.45	\$ 73.50
KCT-22M2	Control cable - 17 Feet (Standard accessory config. set cable)	\$	58.80	\$ 84.00
KCT-22M3	Control cable - 25 Feet	\$	66.15	\$ 94.50
KCT-23M	DC Cable (Dash mount)	\$	22.05	\$ 31.50
KCT-23M3	DC Cable (Remote mount)	\$	24.33	\$ 34.75
		\$	-	
Mobile Installation Accessories				List Price
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max)	\$	29.40	\$ 42.00
KMB-9	Heavy Duty Mounting Bracket with built-in key lock	\$	25.73	\$ 36.75
		\$	-	
Microphones & Speakers				List Price
KES-5	External Speaker (40W max input)	\$	42.88	\$ 61.25

KMC-27	MIL-SPEC noise-canceling mobile hand microphone	\$	72.80	\$	104.00
KMC-28	MIL-SPEC DTMF noise-canceling mobile hand microphone	\$	114.10	\$	163.00
KMC-9B	Desk top microphone	\$	67.55	\$	96.50
		\$	-		

Service Related Accessories

List Price

KPG-95DGK Windows® Programming Software for TK-5x10 & TK-5x10G Portables & Mobiles (Compliant with FCC Part 90 Narrowbanding)
Note: Self-programming function is not available.

Analog & P25 Conventional Programming

A "Dealer-Level" License ID is included with each KPG-95D/DG(N)K which only permits full analog conventional and P25 conventional programming. Data files created with a "Network-Level Licensed" KPG-95D/95DG(N) and containing P25 programmed P25 trunked network parameters can be loaded and viewed with a Dealer-Level Licensed KPG-95D/DG(N)K, but the trunked network parameters cannot be changed.

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

1. KPG-95DG(N)K with System Key File (*.SKF)- See L-989

\$ 439.60 \$ 628.00

- For all TK-5x10 radio platforms (VER1, 2, 3 or later).
- 3-digit HEX System ID (HSID) and verifiable written authorization required from trunked system operator (SYSOP).
- Purchase KPG-95DG(N)K & L-989 Network-Level License ID
- Kenwood ships an encrypted *.SKF file on CD ROM
- The *.SKF securely embeds/encrypts the 16-digit Network Level License ID & the HSID.

2. KPG-95DG(N)K with Advanced Network Keys (ANK's)

- For TK-5x10G/5410/5910 VER 3 or later radio platforms only.
- SYSOPs: Refer to KWD-ANK-MK Master Key
- Dealers/contractors: Refer to KWD-ANK-AK Access Key
- KPG-95DG(N)K (v7.0 or later) supports up to 16 KWD-ANK-AK Access Keys (16 trunked networks).

KWD-ANK-MK	Master Key for activating KWD-ANK-AK Access Keys - Restricted Purchase Requirements - Notes: <ul style="list-style-type: none"> • For TK-5x10G/5410/5910 VER 3 or later radio platforms only. • Sold to SYSOP or SYSOP authorized entities only • Must have KPG-95DG(N)K (V7.0 or later) with L-989 Network-Level License ID • SYSOP must provide 3-digit HEX HSID to Kenwood. • Purchase KWD-ANK-AK Access Keys if needed. • Battery Life: 3 years (non-serviceable; key must be replaced) 	\$	350.00	\$	500.00
KWD-ANK-AK	Access Key for KPG-95DG(N)K P25 trunked programming Notes: <ul style="list-style-type: none"> • For TK-5x10G/5410/5910 VER 3 or later radio platforms only • Must be activated by a SYSOP with KWD-ANK-MK Master Key. • Must have KPG-95DG(N)K (V7.0 or later); L-989 is NOT required. • Battery Life: 3 years (non-serviceable; key must be replaced) 	\$	145.60	\$	208.00
KPG-43UM	USB Programming interface cable	\$	110.95	\$	158.50
KPG-94	Key Loader Interface Cable for Motorola KVL-3000/3000 Plus	\$	183.75	\$	262.50
		\$	-		

Firmware Options

List Price

KWD-RK20 OTAR Option for KWD-AE20K Encryption Module in TK-5x10 series (OTAR in P25 Conventional & Trunked Modes)

- **Requires KWD-AE20K module.**
- **L-1108** (for portable) & **L-1109** (for mobile) Installation (no charge)
- **L-1733** (for portable) & **L-1734** (for mobile) Field Upgrade Option

Note:

- Supports OTAR in P25 Conventional & Trunked modes (Not compatible with GK7 64 CH Model)
- Compatible with Motorola KMF P25 OTAR (excludes Motorola-proprietary non-TIA/P25 KMF features)
- Requires KPG-95D/DG(N) V7.10 or later for radio programming
- TK-5x10 VER2: Requires KPG-95D V5.40 or later for radio programming
- TK-5410/5910: Requires KPG-95D V6.00 or later for radio programming
- TK-5x10G: Requires KPG-95DG(N) for radio programming
- TK-5x10 VER2: Option deletes self-programming, cloning and analog FleetSync® (except PTT ID/Emergency) when installed.

\$ 581.00 \$ 830.00

KWD-RK20 is an U.S. DOC/BIS Export Controlled Item (ECCN 5D002A)

- See IMPORTANT NOTES -

		\$ -	
Software Options			List Price
KPG-113AE	AES/DES Encryption Software Key Loader for KWD-DE21K/KWD-AE21K KPG-113AE is a U.S. DOC/BIS Export Controlled Item (ECCN 5D002A) - See IMPORTANT NOTES -	\$ 367.50	\$ 525.00
KPG-114DE	DES Encryption Software Key Loader for KWD-DE21K/KWD-AE21K KPG-114DE is a U.S. DOC/BIS Export Controlled Item (ECCN 5D992A.1) - See IMPORTANT NOTES -	\$ 257.60	\$ 368.00
		\$ -	
Option Modules			List Price
KWD-AE20K	AES FIPS140-2 & DES Encryption Module for TK-5*10 and 5*20 Portables & Mobiles Order a Labor Code (L-1345) if installation is required. KWD-AE20K requires: a Motorola KVL3000 Plus key loader device. KWD-AE20K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) - See IMPORTANT NOTES -	\$ 698.60	\$ 998.00

KWD-AE21K	AES & DES Encryption Module for TK-5*10 and 5*20 Portables & Mobiles Order a Labor Code (L-1346) if installation is required. Note: Requires KPG-113AE software key loader or Motorola KVL3000 Plus key loader device. KWD-AE21K is an U.S. DOC/BIS Export Controlled Item (ECCN 5A002A.1) - See IMPORTANT NOTES -	\$	698.60	\$	998.00
KWD-DE21K	DES Encryption Module for TK-5*10 and 5*20 Portables & Mobiles Order a Labor Code (L-1602) if installation is required Note: Requires KPG-114DE or KPG-113AE software key loader or Motorola KVL3000 Plus key loader device KWD-DE21K is a U.S. DOC/BIS Export Controlled Item (ECCN 5A992A) - See IMPORTANT NOTES -	\$	404.60	\$	578.00
		\$	-		
Installation /Tuning Charges				List Price	
L-862	Install Front Panel PF Key Label Inserts in TK-5*10/90-series Mobile (key names and positions must be specified)	\$	10.50	\$	15.00
L-864	KCT-22A Extended Control Head Cable (Specify length in 1 ft increments up to 50 ft. max.)	\$	133.00	\$	190.00
L-865	KCT-22A Extended Control Head Cable (Specify length in 1 ft. increments up to 100 ft. max.) Extended control head cables: Extended cables result in a loss of control head audio power. On KCH-14 use 13W audio output modifications per service manual Use a standard KCT-22 25 ft. or less cable for firmware installation. Normal KPG-95D radio programming is possible at extended lengths.	\$	171.50	\$	245.00
L-962	Install VGS-1 Voice Guide & Storage Unit	\$	17.50	\$	25.00

L-989	KPG-95D/95DG(N) Network Level ID (encrypted data file) Note: Enables Trunked system programming privileges in a KPG-95DG(N)K. - Restricted Purchase Requirements - <ul style="list-style-type: none"> • 3-Digit HEX System ID (HSID) from SYSOP required • Must Purchase KPG-95DG(N)K (V7.0 or later) with L-989 • Kenwood ships an encrypted *.SKF file on CD ROM • Non-SYSOP entities ordering L-989 must provide verifiable written authorization from SYSOP to receive an *.SKF file. • The 16-digit Network Level License ID & 3-digit HEX HSID are securely encrypted & embedded in the *.SKF file. 	\$	92.40	\$	132.00
L-1005	TK-5*10 Programming (Basic TX/RX check only with factory test freq.s or dealer/customer provided KPG-95D/DG(N) data file)	\$	87.50	\$	125.00
L-1008	External Speaker modification for TK-5*10 mobile Control Head (13W) Note: All Basic Control Head (KCH-14M) configurations are shipped with the control heads 4W internal speaker enables. Order L-1008 to enable the 13W external speaker output for KES-5 speaker use. This will disconnect the control heads internal 4W speaker!	\$	7.00	\$	10.00
L-1028	Package Dash/Single Head Remote for 5*10 mobiles	\$	11.90	\$	17.00
L-1029	Package Dual Head Remote for 5*10 mobiles	\$	23.80	\$	34.00
L-1110	Package HHCH Remote for 5*10 mobiles	\$	17.50	\$	25.00
L-1345	Install KWD-AE20K in TK-5*10 Mobile (Must purchase module separately)	\$	52.50	\$	75.00
L-1346	Install KWD-AE21K in TK-5*10 Mobile (Must purchase module separately)	\$	52.50	\$	75.00
L-1602	Install KWD-DE21K in TK-5*10 Mobile (Must purchase module separately)	\$	52.50	\$	75.00
L-1734	KWD-RK20 Field Upgrade Option for TK-5x10/5x10G/5910 (Must purchase KWD-RK20 separately)	\$	29.40	\$	42.00

-- 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-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.

ATLAS 1200 Price List

		Contract Price	List Price
336-1212-101	ATLAS 1200 P25 STATION 100W VHF 148-174MHz Includes one standalone 100W, 12.5/25Khz, Analog/P25 multimode VHF station.	\$ 10,800.00	\$ 13,500.00
336-1224-101	ATLAS 1200 P25 STATION 100W UHF 450-485MHz Includes one standalone 100W, 12.5/25Khz, Analog/P25 multimode UHF station.	\$ 12,200.00	\$ 15,250.00
336-1212-102	ATLAS 1200 P25 STATION 100W 800 MHZ Includes one standalone 100W, 12.5/25Khz, Analog/P25 multimode 800 MHz station.	\$ 13,180.00	\$ 16,475.00
336-1224-102	ATLAS 1200 P25 STATION 100W UHF (450-485MHz) 1PPM STAB Includes one standalone 100W, 12.5/25Khz, Analog/P25 multimode UHF station with high stability.	\$ 13,180.00	\$ 16,475.00
336-1200-082	ATLAS 1200 P25 BASE STATION DFSI LICENSE KEY Includes one license key for P25 DFSI (Digital Fixed Station Interface).	\$ 1,320.00	\$ 1,650.00
336-1200-000	ATLAS 1200 TOOLS PROGRAMMING KIT Includes programming software and cable.	\$ 236.00	\$ 295.00
336-1200-091	ATLAS 1200 POWER SUPPLY KIT ATLAS 1-STATION VHF/UHF 120/240VAC Includes single power supply, rack mount kit and power cable.	\$ 720.00	\$ 900.00
336-1200-092	ATLAS 1200 POWER SUPPLY KIT ATLAS 1-STATION 700/800 120/240VAC Includes single power supply, rack mount kit and power cable.	\$ 1,240.00	\$ 1,550.00
TBD	ATLAS 1200 PRE-TUNING Includes single band tuning by EFJ.	\$ 280.00	\$ 350.00