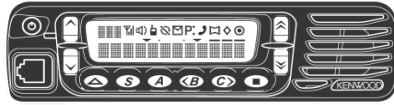


TK-7180 / 8180 MPT
VHF/UHF MPT1327 Trunked Mobile Radios



All 180 series mobiles include:

- Standard Microphone (KMC-35)
- Mounting Bracket
- DC Cable (KCT-23M)
- Blade Fuse
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

* TX Power is derated at 490-512 MHz

TK-8180K:	450-489 MHz (30 W)
	490-512 MHz (25 W)
TK-8180HK:	450-489 MHz (45 W)
	490-512 MHz (40 W)

GENERAL FEATURES

- 30W / 50W (136-174 MHz)
- 30W / 45W (450-520*, 400-470 MHz)
- Remote Control Head Option
- Backlit Dot Matrix LCD
- 12 Character Alphanumeric Aliases
- 3-Digit Sub-Display
- Function / Status LCD Icons
- Display Customization
- RSSI Indicator
- Date & 12/24 Hour Time Clock
- Transmit / Busy / Call Alert / Warn LED
- 6 Backlit PF Keys
- Emergency / AUX Key
- 4 Watt Front Panel Speaker
- Voice Inversion Scrambler Built-in
- Enhanced Kenwood Audio
- Encryption Board Control
- Easy Option Port
- VGS-1 Voice Storage Option
- DTMF Manual Encode
- Timed Power Off
- DB-25 Accessory Connector
- 9 Programmable AUX I/Os
- 2 Programmable AUX Outputs
- Ignition Sense
- Mil-Spec Standard Mic
- MIL-Spec 12-Key DTMF Mic Option
- Windows® Programming & Tuning
- Windows® Firmware Uploading
- Front Panel Test / Tune
- MIL-STD-810 C/D/E/F
- MIL-STD "Driven-Rain"
- IP-54/55 Water & Dust Intrusion

- Normal Scan (No Priority)
- Scan Delete / Add
- Companded Audio (per CH)
- Time Out Timer
- Busy Channel Lockout (per CH)

TRUNKED ZONES

- 8 Network Capacity
- Multi-Site Network Trunking
- Single-Site Trunking
- Network Roaming/Registration
- 12.5/25 kHz Spacing (per network)
- Individual Call ("Private Calling")
- Group Call
- Broadcast Call
- Inter-fleet Calling
- Inter-Prefix Calling
- PTT Intiate Call
- PSTN/PABX Call
- Priority Call
- Emergency Call
- Pre-emptive Emergency
- Emergency Calling Features
- Emergency Man-Down Option
- Full Off Air Call Setup
- Network Call Queuing
- Call Prioritization
- Third-Party Diversion
- Queue Incoming Call
- Special Alert Tone
- Electronic Serial Number (ESN)
- Manual Conventional Mode
- 250 Call and Group Address List
- Group Scan
- Home Address
- Direct Address
- Companded Audio
- Network Selector
- KAP-2 PA/Horn Alert Option

CONVENTIONAL ZONES

- 32 Channels
- 12.5/25 kHz CH Spacing (per CH)
- QT / DQT Encode & Decode

MODEL	LIST
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Must Order MPT OPTION (L-1012)

L-1012	Install MPT option in 180-Series radio	16.67
TK-7180K	136-174 MHz 30W, 512 CH / 128 Zone CONV-& LTR	586.00
TK-7180HK	136-174 MHz 50W, 512 CH / 128 Zone CONV-& LTR	718.00
TK-8180K	450-520 MHz 30W, 512 CH / 128 Zone CONV-& LTR	604.00
TK-8180HK	450-520 MHz 45W, 512 CH / 128 Zone CONV-& LTR	735.00
TK-8180K2	400-470 MHz 30W, 512 CH / 128 Zone CONV-& LTR	604.00
TK-8180HK2	400-470 MHz 45W, 512 CH / 128 Zone CONV-& LTR	735.00

MOBILE INSTALLATION ACCESSORIES	LIST
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KAP-2	Horn Alert/P.A. Relay Option Note: HA operates in MPT Trunked Mode only	63.00
KCT-46	Ignition sense cable (plugs directly into mobile chassis ignition sense line)	13.70
KCT-40M	KGP-2A/2B & KDS-100 Radio Interface Cable for TK-7150/8150/7180/8180.	29.00
KCT-36	Extension Cable for KCT-34/35/39/40M; 117.6 inches (9.8 ft)	43.75
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	42.00

MOBILE INSTALLATION ACCESSORIES - CONT'D **LIST**

KMB-10	Key lock adapter	26.30
KRK-10	Remote Control Kit (a remote control cable (23 ft) is included)	105.00

CONTROL STATION INSTALLATION ACCESSORIES **LIST**

KMC-9C	Control Station Desktop Microphone (8-pin mod. plug)	86.00
KMB-24	Control Station Mounting Case for KPS-15 Power Supplies (mobile mounting hardware included)	42.00
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	173.00

MICROPHONES AND SPEAKERS **LIST**

KMC-35	Standard dynamic mobile microphone (8-pin mod. plug)	52.50
KMC-36	Standard dynamic mobile microphone with DTMF keypad (8-pin mod. plug)	94.50
KMC-32	Low profile mobile microphone with 16 DTMF keypad (8-pin mod. plug)	70.00
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug)	86.00
KES-3	External speaker (compact low profile; black case; 3.5 mm phono plug-in)	44.25
KES-5	External speaker, 40W max input Note: requires KAP-2 (PA/HA unit) installed	61.25

OPTION MODULES **LIST**

VGS-1	Voice Guide and Storage Unit	87.50
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SERVICE RELATED ACCESSORIES **LIST**

KPG-46AM	Programming interface cable	191.00
KCT-53UM	USB Adapter for KPG-xxAM DB9F Programming Interface Cables (DB9M - to - USB Type A connector)	86.00
KPG-96DK	Windows® Programming Software for 180-Series MPT (Dealer Level License ID included) Note: Must order L-1013 for Network Level License ID & programming privileges	103.25
*****	Call Kenwood Parts at 800-367-7514 to order the following:	
E30-3382-05	Clone cable	11.28
J29-0662-03	Mounting bracket for TK-7180/8180/7160/8160--same as supplied w/ radio (order N99-2039-05 for mounting screw set)	39.50

INSTALLATION / TUNING CHARGES **LIST**

L-965	TK-7180/8180 Programming (with basic TX/RX check)	37.50
L-962	Install VGS-1 Voice Guide & Storage Unit Note: VGS-1 installation precludes any ANI or encryption board installation	25.00
L-966	Install KAP-2 (Default) HR1/Internal Sp./PA	25.00
L-968	Assemble TK-7180/8180 with KRK-10 Remote Kit	42.00
L-1012	Install MPT option in 180-Series radio	16.67
L-1013	Network Level License ID for KPG-96D 180-Series Programmer	158.33
L-1014	Retrofit Install of MPT option in 180-Series radio (for previously purchased 180-Series radios.) Order L-1014 through LMR order desk/rep. Ship radios to attn: Kenwood LMR Tuning, Long Beach for installation. Include Kenwood order number for L-1014 provided by order desk & copy of company P.O. or P.O. number. Note: Only certain Serial Number Lots produced in late 2004 and later can be retrofitted - see 180-Series MPT Introduction Sales Bulletin for details	85.00