

TK-6110

Compact Low Band Mobile Radio



All 6110 series mobiles include:

- Standard Microphone (KMC-27B)
- Mounting Bracket
- DC Cable (KCT-23M)
- Instruction Manual
- Standard Warranty: 2 Years*

* All Accessories / options: 1 Year

GENERAL FEATURES

- 70 W (29.7-37.0, 35.0-50.0 MHz)
- 32 Channels
- Single Priority Scan
- 8 Character Alphanumeric LCD
- 3 Digit Sub-Display and Icons
- Transmit / Busy / Call Allert / Warn LED
- Up/Down Channel Selector
- Volume Knob
- Power On/Off Button
- 7 Programmable Radio Keys
- Front Panel Speaker
- Noise Blanker Function
- Encryption / ANI Board Control
- Emergency Call Features
- QT/DQT Encode & Decode
- Operator Selectable Tone
- Two Tone Decode
- DTMF Encode & Decode
- Time Out Timer
- Busy Channel Lockout
- 15 Pin Accessory Connector
- MIL-Spec / Noise-Cancel Microphone
- M-Type Antenna Connector
- Ignition Sense
- Timed Power Off
- Horn Alert
- Cloning
- PC Programming & Tuning
- MIL-STD-810 C/ D/ E

IMPORTANT NOTICE [Power/Bandwidth vs. VSWR]

1. The TK-6110 mobiles output power will be significantly reduced with VSWR = 1.5 or greater.
TK-6110 Output Power Performance (nominal; transmission line losses not included)

<u>VSWR</u>	<u>Output Power</u>
1.2 or less	70W or more
1.3-1.5	60W or more
More than 1.5	60W or less

TK-6110K		TK-6110K2	
Frequency	Bandwidth	Frequency	Bandwidth
29.7MHz	0.4MHz (+/-0.20MHz)	35.0MHz	1.0MHz (+/-0.5MHz)
33.0MHz	0.4MHz (+/-0.20MHz)	40.0MHz	1.8MHz (+/-0.9MHz)
37.0MHz	1.0MHz (+/-0.50MHz)	50.0MHz	1.8MHz (+/-0.9MHz)

2. The TK-6110 design eliminates the need for the following accessories typical of Kenwood compact mobiles:

- a. KCT-19: 15-pin accessory connector is built in.
- b. KAP-1: the Horn Alert output is provided on the 15-pin connector (see service manual for maximum current rating).

Audio Power: 3W internal speaker / 10W external speaker (KES-5).
FleetSync® is not available for the TK-6110.
KES-3 is not compatible, use KES-5.
The following frequencies are not allowed in the TK-190 and TK-6110 models: 33.6 MHz and 42.0 MHz.

MODEL	LIST
TK-6110K VHF Low Band 29.7 – 37.0 MHz 70W, 32 Channels	788.00
TK-6110K2 VHF Low Band 35.0 – 50.0 MHz 70W, 32 Channels	788.00

CABLES	LIST
KCT-18 Ignition sense cable	13.70

MOBILE INSTALLATION ACCESSORIES	LIST
KLF-2 Line Filter (suppresses alternator whine, 25dB, 25A max).	42.00

MICROPHONES AND SPEAKERS		LIST
KMC-27A	MIL-SPEC & Noise Canceling dynamic mobile microphone (8-pin mod. plug)	104.00
KMC-27B	Standard dynamic mobile microphone (8-pin mod. plug)	42.00
KMC-28A	MIL-SPEC & Noise Canceling dynamic mobile microphone (8-pin mod. plug) w/ DTMF	163.00
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug)	86.00
KES-5	Ext. speaker, 40W max input; blk., case, 5"x5"x2-9/16" Note: plugs into TK-6110 6-pin molex acc. conn.	61.25

MISCELLANEOUS ITEMS		LIST
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	173.00

SERVICE RELATED ACCESSORIES		LIST
KPG-46AM	Radio 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-59DK	Program Software for TK-190/6110 (Version 2.00)	68.50
*****	Call Kenwood Parts at 800-367-7514 to order the following:	
E30-3382-05	Clone cable	11.28
J29-0662-03	Mounting bracket (Same as supplied)	39.50
N99-0395-05	Screw set for mounting bracket Part #J29-0662-03	2.99

OPTION MODULES		LIST
CIM-1000	GE-Star or MDC-1200 ANI Encode Board Must order L-1036 or L-1037 for radio install & programming Note: CIM-1000 G-Star®/ MDC1200 Digital ANI Boards Pre-programmed & installed boards require a completed CIM-1000 Information and Order Sheet* (available from Kenwood LMR Order Desk) submitted with order. a) Order the appropriate Labor Code for MDC-1200 or G-Star. b) CIM-1000 boards can be ordered and shipped loose (if shipped loose, Kenwood will not program the board).	131.25
CIM-CABLE	Serial Program Cable Note: CIM-1000, K-20, K-26 programs via Windows Hyper terminal (Windows Ver 3.1 or later) or any ProComm version; board must be installed in a powered radio for programming. The radio programmer does NOT program the CIM-1000, K-20, K-26. CIM-CABLE is a DB-9 PC connector with 3 short lead with clips and may require a PC serial extension cable. CIM-IRP (Part No 01-30-0510) Infrared wireless standalone programmer, C-Plus line of desktop decoder displays and CIM-1000, K-20, K-26 Instruction Manuals are available directly from Cimarron Technologies 800-487-7184 at www.cimtechcorp.com	61.25

INSTALLATION / TUNING CHARGES		LIST
L-1040	TK-6110 CIM-1000/MDC1200 ENCODER INSTALLATION	75.00
L-1041	TK-6110 CIM-1000/GE STAR ENCODER INSTALLATION	75.00
L-911	TK-190/TK-6110 Programming (with basic TX/RX check)	25.00