

# KENWOOD

Listen to the Future



## TK-6110

Compact VHF Low Band Mobile Radio

### 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



## Options

- **KMC-9C**  
Control Station  
Desktop Microphone



- **KMC-27A**  
Microphone  
(supplied microphone)



- **KMC-27B**  
Microphone  
(MIL-SPEC noise-canceling)



- **KMC-28A**  
Keypad Microphone  
(MIL-SPEC noise-canceling)



- **KCT-18**  
Ignition Sense Cable



- **KLF-2**  
Line Noise Filter



- **KES-5**  
External Speaker



All accessories and options may not be available in all markets. Contact an authorized Kenwood dealer for details and complete list of all accessories and options.

## Specifications

Model	TK-6110
<b>GENERAL</b>	
Frequency Range	
Type 1	29.7-37.0 MHz
Type 2	35.0-50.0 MHz
Number of Channels	32
Channel Spacing	
	20 kHz / 25 kHz
Channel Step	5 kHz
Operating Voltage	13.6 V DC ±15%
Current Drain	
Standby	< 0.6 A
Receive	< 2.4 A
Transmit	< 15 A
Duty Cycle	Transmit: 20%
Operating Temperature Range	-22°F ~ +140°F (-30°C ~ +60°C)
Frequency Stability (-22° F - +140° F)	±0.0005%
Antenna Impedance	50 Ω
Dimensions (W x H x D)	6-1/4 x 2 x 6-1/4 in.
Projections not included	(160 x 50 x 160 mm)
Weight (net)	3.5 lbs. (1.6kg)
FCC ID	
Type 1	ALH29351110
Type 2	ALH29351120
IC Certification	
Type 1	
Type 2	282195666A
<b>RECEIVER (Measurements made per EIA/TIA-603)</b>	
Sensitivity (12dB SINAD)	0.25µV
Selectivity	75 dB
Intermodulation Distortion	70 dB
Spurious Response	70 dB
Audio Output	10W at less than 5% distortion
Band Spread	
Type 1	7.3 MHz
Type 2	15.0 MHz
<b>TRANSMITTER (Measurements made per EIA/TIA-603)</b>	
RF Output Power	70 W
Type of Emission	16K0F3E
Spurious Response	62 dB
FM Hum & Noise	50 dB
Microphone Impedance	600 Ω
Audio Distortion	Less than 3%
Band Spread	
Type 1	7.3 MHz
Type 2	15.0 MHz

Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.

Unavailable Frequencies:  
TK-6110K (29.7 - 37.0 MHz model): 33.60 MHz  
TK-6110K2 (35.0 - 50.0 MHz model): 42.00 MHz

## Applicable MIL-STD

Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I
Shock	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV



ISO9001 Registered  
Communications Equipment Division  
Kenwood Corporation  
ISO9001 certification

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