



# ProTalk<sup>®</sup>LT PKT-23X

Pocket-Sized UHF CB Portable Radio

## A Powerful Business Radio in the Palm of Your Hand

At just 110g, KENWOOD's PKT-23X UHF CB two-way radio packs a lot of performance for its size: 1.5 watts of transmit power, preset CB 80 channels, and up to 15 hours of operation. It's simple to use and you can plug KENWOOD headphones into the 3.5mm audio jack for hands-free operation. A micro USB socket offers charging convenience. And since this radio is classed as CBRS, no licence is required. Plus, the PKT-23 is built tough for business and leisure, meeting or exceeding MIL-Spec 810 C/D/E/F/G (11 items) and IP54 (dust/water intrusion) standards.



Actual Size

### GENERAL FEATURES

- 1.5 Watts of Transmit Power
- Preset CB 80 Channels
- 8 Memory Channels
- 50 CTCSS/104 DCS (Coded Squelch)
- Super Lock (Manager Key Lock)
- Scan Function
- 2 PF Keys
- Enhanced KENWOOD Audio
- Micro USB Port
- VOX Ready
- Voice Announcement
- Bell Tone Alert
- LED Battery Status Indicator
- IP54 & MIL-STD 810 C/D/E/F/G 11 items
- Battery Saver
- Time Out Timer
- Monitor
- Wireless Clone

### ACCESSORIES INCLUDED

- KNB-71L - 1,430mAh Li-Ion
- USB Cable for Charge
- KBH-20 - Belt Clip
- Owner's Manual

### COMMUNICATION DISTANCE

Conditions	Distance
Open areas without obstructions	Up to 8 km
Residential areas (near buildings)	Up to 2.4 km
In steel and/or concrete reinforced buildings	Up to 20,900 sq.m
In high-rise buildings	Up to 17 floors

Note:  
Talk range will vary based on terrain and conditions.

# Options

- **KNB-71L**  
Li-Ion Battery  
(1,430 mAh)



- **KHS-33**  
Earbud In-line  
PTT Headset  
(Single Pin Jack)



- **KHS-34**  
C-Ring In-line  
PTT Headset  
(Single Pin Jack)



- **KBH-20**  
Spring Action  
Belt Clip



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

# Specifications

Model	PKT-23
<b>GENERAL</b>	
Frequency Range	476.425-477.4125 MHz
CB	Preset 80 Channels
Number of Memory Channels	8
Channel Spacing	12.5 kHz
Operating Voltage	3.8V DC±10%
Battery Life (5-5-90 duty cycle) with KNB-71L (1,430mAh)	Approx. 11 hours (Battery saver off) Approx. 15 hours (Battery saver on)
Operating Temperature Range	-10°C ~ +60°C
Frequency Stability	±2.5ppm
Antenna Impedance	50 Ω
Dimensions (W x H x D), Projections not included	
Radio with KNB-71L	46.0 x 85.0 x 21.0 mm
Weight (net)	
Radio with KNB-71L	110 g

Model	PKT-23
<b>RECEIVER (Measurements made per TIA-603)</b>	
Sensitivity (12dB SINAD)	0.22 μV
Selectivity	60 dB
Intermodulation Distortion	50 dB
Audio Output	300 mW with less than 5% distortion
<b>TRANSMITTER (Measurements made per TIA-603)</b>	
RF Output Power	
High	1.5 W (ERP)
Low	0.5 W (ERP)
Spurious Response	55 dB
Modulation	11KØF3E
FM Hum & Noise	50 dB
Audio Distortion	Less than 5%

Specifications shown are typical.  
Specifications are subject to change without notice, due to advancements in technology.

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# Applicable MIL-STD & IP

Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures	MIL 810F Methods/Procedures	MIL 810G Methods/Procedures
<b>Low Pressure</b>	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II	500.5/Procedure I, II
<b>High Temperature</b>	501.1/Procedure I, II	501.2/Procedure I, II	501.3/Procedure I, II	501.4/Procedure I, II	501.5/Procedure I, II
<b>Low Temperature</b>	502.1/Procedure I	502.2/Procedure I, II	502.3/Procedure I, II	502.4/Procedure I, II	502.5/Procedure I, II
<b>Temperature Shock</b>	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II	503.5/Procedure I
<b>Solar Radiation</b>	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I	505.5/Procedure I
<b>Rain</b>	506.1/Procedure I, II	506.2/Procedure I, II	506.3/Procedure I, II	506.4/Procedure I, III	506.5/Procedure I, III
<b>Humidity</b>	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure II, III	507.4	507.5/Procedure II
<b>Salt Fog</b>	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4	509.5
<b>Dust</b>	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III	510.5/Procedure I
<b>Vibration</b>	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I	514.6/Procedure I
<b>Shock</b>	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV	516.5/Procedure I, IV	516.6/Procedure I, IV
<b>International Protection Standard</b>					
<b>Dust &amp; Water Protection</b>	IP54				

\*To meet MIL 810 and IP grade, the 3.5mm phone jack has to be sealed by the rubber cover or connected to KENWOOD headset KHS-33 or KHS-34.  
The micro USB jack has to be sealed by the rubber cover, and the battery has to be sealed by the cover.

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Professional System Segment  
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