



## ProTalk<sup>®</sup>LT PKT-23

Pocket-Sized UHF FM Portable Radio

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

At only 3.9oz, Kenwood's PKT-23 UHF two-way radio provides 1.5 watt transmit power, 4 channels, and up to 15 hours of operation. This small but powerful radio is simple to operate and durable, meeting or exceeding MIL-Spec standards 810 C/D/E/F/G (11 items) and IP54 (dust/water intrusion). Connect to the standard micro USB port to charge or use included charging cup, and plug Kenwood headphones into the 3.5mm audio jack for hands free operation. Versatile, strong, and small - the PKT-23 is built business tough.

#### GENERAL FEATURES

- 1.5 Watts Transmit Power
- 4 Channels
- 39-QT/168-DQT Coded Squelch
- Super Lock (Manager Key Lock)
- Scan Function
- 2 PF Keys
- Enhanced Kenwood Audio
- 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
- 2-year Warranty

#### ACCESSORIES INCLUDED

- KNB-71L - 1,430mAh Li-Ion
- KSC-44 - 3-Hour Fast Charger
- KBH-20 - Belt Clip
- Owner's Manual



Actual Size

Operating Conditions	
Open areas without obstructions	Up to 5 miles (8 km)
Residential areas (near buildings)	Up to 1.5 miles (2.4 km)
In steel and/or concrete reinforced buildings	Up to 225,000 sq.ft (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)



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



■ **KSC-44K**  
Fast Charger  
and Power Supply



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



■ **KMB-44K**  
6 Radio Multi-Charger



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	PKT-23
<b>GENERAL</b>	
Frequency Range	451-470 MHz
BRS	Preset 99 Channels
Number of Channels	4
Channel Spacing (FCC Narrow Compliant)	12.5 kHz
Channel Step	5, 6.25 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*	-14°F ~ +140°F (-10°C ~ +60°C)
Frequency Stability	±2.5ppm (-14°F ~ +140°F)
Antenna Impedance	50 Ω
Dimensions (W x H x D), Projections not Included	
Radio with KNB-71L	1.8 x 3.3 x 0.8 in. (46.0 x 85.0 x 21.0 mm)
Weight (net) Radio with KNB-71L	3.9 oz. (110 g)
FCC ID	ALH460300
FCC Compliance	Part 90

\*Based upon 5% transmit, 5% receive and 90% standby (standard duty cycle)

Model	PKT-23
<b>RECEIVER (Measurements made per TIA/EIA-603)</b>	
Sensitivity (12dB SINAD)	
Narrow	0.22 μV
Selectivity	
Narrow	60 dB
Intermodulation Distortion	
Narrow	50 dB
Audio Output	300 mW with less than 5% distortion
<b>TRANSMITTER (Measurements made per TIA/EIA-603)</b>	
RF Output Power	
High	1.5 W (ERP)
Low	0.5 W (ERP)
Spurious Response	55 dB
Modulation	
Narrow	11KØF3E
FM HUM & Noise	
Narrow	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
Low Pressure	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II	500.5/Procedure I, II
High Temperature	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
Low Temperature	502.1/Procedure I	502.2/Procedure I, II	502.3/Procedure I, II	502.4/Procedure I, II	502.5/Procedure I, II
Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II	503.5/Procedure I
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I	505.5/Procedure I
Rain	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
Humidity	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure II, III	507.4	507.5/Procedure II
Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4	509.5
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III	510.5/Procedure I
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I	514.6/Procedure I
Shock	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>					
Dust & Water Protection	IP54				

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