



ProTalk[®]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 |
|---|---|
| GENERAL | |
| 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 |
|--|-------------------------------------|
| RECEIVER (Measurements made per TIA/EIA-603) | |
| 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 |
| TRANSMITTER (Measurements made per TIA/EIA-603) | |
| 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 |
| International Protection Standard | | | | | |
| Dust & Water Protection | IP54 | | | | |

KENWOOD

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JVCENWOOD Corporation

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