

PKT-23P

Portable Business Two-Way Radio

This small business radio is simple to operate and is built business tough.

At 3.9oz, the PKT-23P is the smallest and lightest 2-way radio from Kenwood. With 15 hours of battery life, this radio is simple and easy to use; yet durable with IP54 / MIL-STD 810 construction.

15 HRS
BATTERY LIFE



~8+ KM
COVERAGE



3.9
OUNCES



2 YEAR
WARRANTY



Accessories included: 1) KNB-71L Lithium-ion Battery, 2) KSC-44 Rapid Charger & Power Adapter, 3) KBH-20 Spring Action Belt Clip, 4) Owner's Manual.

PKT-23P ACCESSORIES

KHS-33
Earbud w/ In-Line
PTT Headset
(Single Pin Jack)



KHS-34
C-Ring w/In-Line
PTT Headset
(Single Pin Jack)



KBH-20
Spring Action
Belt Clip



KMB-44K
6 Radio Multi-
Charger



KNB-71L
Lithium-ion Battery
(1,430mAh)



KSC-44K
Fast Charger with
Power Supply



SPECIFICATIONS

GENERAL	
Frequency Range	450-470 MHz
Number of Channels	16
Channel Spacing (IC Narrow Compliant)	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*	-14°F ~ +140°F (-10°C ~ +60°C)
Frequency Stability	±2.5ppm (-14°F ~ +140°F)
Dimensions (WxHxD) Projections not included. Radio w/ 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)
IC Certification Number	282D-460300
RECEIVER	
Sensitivity (Narrow) EIA 12dB SINAD	0.22 µV
Selectivity (Narrow)	60dB
Intermodulation Distortion (Narrow)	50dB
Audio Distortion	Less than 5%
Audio Output (Internal)	300mW/4Ω
Audio Output (External)	0.1mW/32Ω
TRANSMITTER	
RF Power Output (High/Low)	0.5W / 1.5W
Spurious Response	55dB
FM Hum & Noise (Narrow)	50dB
Modulation Distortion	Less than 5%
Type of Emission	11K0F3E

*Based upon 5% transmit, 5% receive and 90% standby (standard duty cycle) Specifications shown are typical.

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

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www.pkt23p.ca



PKT-23P

Portable Business
Two-Way Radio

KENWOOD

SMALL. SIMPLE. TOUGH. POWERFUL.



Light Weight, Simple to Use.

Fitting in the palm of your hand, the PKT-23P is easy to take anywhere. At only 3.9oz, it can fit comfortably in a pocket or attached with the included belt clip (optional lanyard available). The front panel button layout makes the radio very easy to operate.

Rugged, Solid Design

Proven tough for everyday use; tested for pressure, temperature, shock, water, dust, vibration and almost anything you can throw at it!

Instantly Communicate with Your Entire Workforce

Quickly and effectively communicate to your team with one-to-many communications. The PKT-23P also boasts 16 channel capacity so you can assign channels to specific team members.

Coverage Area Up To 8KM

Rest assured that with the extended coverage of the PKT-23P radio your Push-To-Talk (PTT) communications will be crystal clear with up to 8KM's coverage.

Talk Range	
Open area without obstructions	Up to 8KM
Residential areas (near building)	Up to 2.4KM
In steel and/or concrete reinforced building	Up to 225,000 sq.ft (20,900 sq.m)
In high-rise buildings	Up to 17 floors
Battery Life	
Battery life (5-5-90 duty cycle)	Saver on: 15 hours
	Saver off: 11 hours
Battery charging time	3 hours

15 Hours of Operation

With the built-in (replaceable) battery your staff will get 15 hours of continuous use – more than enough to tackle each and every shift.

Built-In Accessory Jack

Connect the KHS-33 or KHS-34 headphones for better use in private communications or in noisy environments.

Charging Made Easy

The PKT-23P is equipped with a micro USB to utilise your smartphone charger in remote areas where the included charger is not ideal or available.

Call & Status Notifications

You are alerted to an incoming call by the flashing LED light and audio tone. LED lights in 3 colors indicate transmission and low battery status.

Superior Sound with Built-In Vox

Kenwood's superior sound quality means your audio output will always be clear and easy to hear. Built-in VOX allows hand free operation which automatically starts transmission in response to your voice when using an external microphone.

Standard	MIL 810C Methods	MIL 810D Methods	MIL 810E Methods	MIL 810F Methods	MIL 810G Methods
Low Pressure	500.11	500.2 I, II	500.3 I, II	500.4 I, II	500.5 I, II
High Temp	501.1 I, II	501.2 I, II	501.3 I, II	501.4 I, II	501.5 I, II
Low Temp	502.11	502.2 I, II	502.3 I, II	502.4 I, II	502.5 I, II
Temp Shock	503.11	503.2 I	503.3 I	503.4 I, II	503.5 I
Solar Radiation	505.11	505.2 I	505.3 I	505.4 I	505.5 I
Rain	506.11, II	506.2 I, II	506.3 I, II	506.4 I, III	506.5 I, III
Humidity	507.11, II	507.2 II, III	507.3 II, III	507.4	507.5 II
Salt Fog	509.11	509.2 I	509.3 I	509.4	509.5
Dust	510.11	510.2 I	510.3 I	510.4 I, III	510.5 I
Vibration	514.2 VIII, X	514.3 I	514.4 I	514.5 I	514.6 I
Shock	516.2 I, II, V	516.3 I, IV	516.4 I, IV	516.5 I, IV	516.6 I, IV
International Protection Standard					
Dust & Water Protection	IP54				