

New Product Release Information

ProTalk[®]LT

PMR446 TRANSCEIVER

Analogue

PKT-23

UHF FM TRANSCEIVER

Kenwood announces a New-style Analogue ProTalk 446

The new **PKT-23** hand-portable is designed for 'Light Weight and Simple Operation', making it the ideal license-free radio for Retail / School / Restaurant / Shopping Mall / Hospitality and so on.



Key Benefits

- **Small**

At 110 g, it is the smallest & lightest 2-Way Radio from KENWOOD PMR446.

- **Simple**

Simple and license-free operation in an all-in-one package ready for immediate use.

- **Tough**

Complies with IP54 (dust/water resistant) and durability meeting or exceeding MIL-STD 810 C/D/E/F/G 11 items.

- **Powerful**

500mWatts Transmit Power. Up to 15 hours of operation. (5-5-90; battery saver ON)

Product Schedule

MODEL NAME	TYPE	PRODUCTION	LAUNCH	Freq.	TX PWR	Inst. MANUAL
PKT-23	E	Mar-2015	Mar-2015	446 MHz	500 mW	E,S,G,F,D,I, (T,Gr,P:PDF on the web)
	T					E

I/M Language: E: English, S: Spanish, G: German, F: French, D: Dutch, I: Italian, T: Turkish, Gr: Greek, P: Portuguese

PROGRAMMING CD	TYPE	PRODUCTION	LAUNCH	NOTE
KPG-182D	M	Mar - 2015		Please contact your Kenwood Office

Key Features

Simple and easy to use - No license required

This license-free two-way radio comes with a 1430mAh Li-Ion rechargeable battery, battery charger and belt clip; there's no need to buy extra accessories for basic operation. It is ready to use right away.

Light Weight and Simple Operation

Fitting in the palm of your hand, the PKT-23 is easy to take anywhere your staff needs to go. At only 110g, it can fit comfortably in an apron pocket or attached with the included belt clip. The front panel button layout makes the PKT-23 easy to operate.

Compact, reliable and robust

Users will appreciate just how light (110g) this radio is. Yet, there is no compromise on build integrity; it meets or exceeds the IP54 dust and water intrusion standards as well as MIL-STD 810 C, D, E, F & G environmental standards, making it tough enough for outdoor use in any weather.

8 Channels with Voice Guide

The PKT-23 provides up to 8 channels, allowing you to assign channels to specific team members. The Voice Guide alerts you when you change channels. All channels are the approved UK/EU PMR446 Service frequencies for full compatibility.

Built-in self programming

Users can change several settings, channel frequency, QT tone or DQT code without using programming software.

Feature Definition: "Wireless Cloning"

The PKT-23 includes Kenwood's exclusive wireless cloning which allows cloning of multiple portables by a single master portable with a simple "push of a button"...with no cables or wires attached.

Other Features

- 3.5D Jack -For Earphone-Microphone
- Micro USB Connector
 - For connection to PC for FPU operation.
 - For battery Charging
- Radio (with battery) can be charged with Stand Charger.
- Status Indicator (3-color LED multi-color emission)
 - Indicate the various status (TX/RX/Charging/ etc.) by LED (blinks, lights, colors).
- Battery Saver
- Calling Alert
- Super Key Lock
- VOX
- Wireless Clone mode
- PTT Proceed Tone
- Busy Channel Lock Out
- Key Lock
- Scan
- Tone Alert
- All Reset mode
- PTT Release Tone

Accessories included



Belt Clip



Stand Charger



Adapter



Battery

Optional Accessories



- KNB-71L : Li-Ion Battery (1430 mAh)



- KBH-20 : Belt Clip (※1)



- KHS-33 : Earbud In-line PTT Headset



- KHS-34 : C-Ring In-line PTT Headset



- KSC-44CR : Rapid Charger(※1)



- KSC-44SL: AC Adapter (Single) (※1)



- KSC-44ML : AC Adapter (Multiple) (※1)

Coupling mechanism



6-KSC-44CR & KSC-44ML
Connection image

- KPG-182D : FPU Programming Software (Free of charge)

(※1): Available Later

Specifications

(All specifications subject to change without prior notice)

Frequency Range		446.0 to 446.1 MHz
Number of Channels		Max.8ch
Channel Spacing		12.5 kHz
Operating Voltage		3.8V DC±10 %
Battery Life (5-5-90) (battery save on)	<i>with KNB-71L</i>	15 hours
Battery Life (5-5-90) (battery save off)	<i>with KNB-71L</i>	11 hours
Operating Temperature Range		-10°C to +60°C
Frequency Stability		± 2.5 ppm
Dimensions (W x H x D)		46 x 85 x 21mm
Weight		110 g
RF Power output		ERP 500 mW
Audio Output	Internal speaker	300 mW/4 Ω
	External output	2 mW/32 Ω
Modulation		8K50F3E

*All specifications shown are typical.
Analogue measurements made as per EN 300 296-2, EN300 341-2.*

Default Frequency and Tone

Analogue PMR446 channel

Channel Number	Operating Frequency (MHz)	Signaling
1	446.00625	94.8Hz
2	446.09375	88.5Hz
3	446.03125	103.5Hz
4	446.06875	79.7Hz
5	446.04375	118.8Hz
6	446.01875	123.0Hz
7	446.08125	127.3Hz
8	446.05625	85.4Hz

Applicable MIL-STD & IP Rating

Military Standard	METHOD/PROCEDURES				
	MIL810-C	MIL810-D	MIL810-E	MIL810-F	MIL810-G
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 II	506.2/Procedure II	506.3/Procedure II	506.4/Procedure III	506.5/Procedure 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				

Applicable condition table for MIL standard (dust & rain) & IP-54
 Remarks: All the standards applicable when used with accessory cap.

Key Capabilities

