

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.
- 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)

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		Free of Charge

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 a 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.

FPU

Please contact our Technical Team.

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

- 3.5mm 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-colour LED multi-colour emission)
- Indicate the various status (TX/RX/Charging/ etc.) by LED (blinks, lights, colours).
- 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 - KBH-20



Charger - KSC-44CR



Adapter - KSC-44SL



Battery - KNB-71L

Optional Accessories



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



- KBH-20: Belt Clip*



- KHS-33: Earbud In-Line PTT Headset



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



- KSC-44CR: Rapid Charger*

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

* Available later



- KSC-44ML: AC Adapter (Multiple)*

Coupling mechanism



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

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)	with KNB-71L	15 hours
Battery Life (5-5-90) (battery save off)	with KNB-71L	11 hours
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	Channel Number	Operating Frequency (MHz)	Signaling
1	446.00625	94.8 Hz	5	446.04375	118.8 Hz
2	446.09375	88.5 Hz	6	446.01875	123.0 Hz
3	446.03125	103.5 Hz	7	446.08125	127.3Hz
4	446.06875	79.7 Hz	8	446.05625	85.4 Hz

Default Frequency and Tone

Open location (with no obstructions) Up to 8 km
(Operating range will vary based on terrain and other conditions.)

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 ProtectionStandard					
Dust & Water Protection	IP54				

Applicable condition table for MIL standard (dust & rain) & IP-54

Remarks: All the standards applicable when used with accessory cap.

