

KENWOOD

PKT-300X

Pocket-sized UHF CB FM TRANSCEIVER

ProTalk[®] XLS

No License Required

Powerful Performance in a Small Package

Communications could not be simpler. The PKT-300 is a compact & lightweight license-free CB/LMR radio that is easy to use. In contrast to its lightness, it is tough and powerful, offering output of 2 watts.

Simple

Ready out of the box: all-in-one package for simple, license-free operation in diverse business fields – everything from retail and restaurants to hotels, warehouses, schools, and events.

Compact and Lightweight

Measuring just 50 x 98 x 27 mm (W x H x D),* this radio fits comfortably in palm or pocket. And it weighs only 140 g.

* Not including antenna

Power + Stamina

Sufficient for a range of up to 9.7 km,* TX output is 2 watts or 500 mW ERP. And the battery operates for up to 24 hours (at low power).**

* Talk range varies based on TX power, terrain and conditions.

**Up to 18 hours at high power for 5-5-90 std. duty cycle with battery saver ON.



Features and Functions that Set the PKT-300 Apart



Lightweight and Easy-to-Use

Weighing just 140 g, the PKT-300 fits in easily, anywhere – in palm or pocket. The controls are laid out for intuitive simplicity, with the power switch and integrated volume knob on top, and the PTT key on the side. Plus, this radio comes with all essential accessories – including AC adapter and a new swiveling belt-clip holster – so unbox, charge, and you're ready to go.

2 W or 500 mW Transmit Power, High Stamina

You can select transmit power of either 2 W or 500 mW (ERP), providing a range of up to 9.7 km for direct radio-to-radio communications. And a lithium-ion battery powers this radio for up to 24 hours at 500 mW or 18 hours at 2 W with the battery saver on.*



*5-5-90 duty cycle (5% transmit / 5% receive / 90% standby)

Operation as CB or LMR Radio

The PKT-300 is available for either CB or LMR use*. In LMR mode, semi-duplex operation can be used with repeater systems. In CB mode, as well as RX/TX frequency scanning, you get a choice of 16 channels from 80 UHF channels.

*Converted by an authorized dealer using FPU software (KPG-210D).

Clear Audio

The 32 mm diameter speaker offers clear audio even in noisy environments. The compander (compressor/expander) also supports higher clarity by avoiding interference. A mute function is included.

16 Preset Channels with Scan

With 16 channels to choose from, you can assign different ones to specific team members. And the scan function can be used to monitor multiple channels without having to search manually.

LCD and LED Visual Information

The backlit LCD keeps the user informed of 3-level battery status, VOX, Low Power, Key Lock, Monitor, Privacy, and Signaling ID. In addition, the LED offers instant confirmation of operating status, lighting either red (transmitting) or green (busy).



OPTIONAL ACCESSORIES



KNB-81L
Li-ion BATTERY PACK
(3.6V/2200 mAh)



KSC-50CR
CHARGER POCKET



KMC-21A
SPEAKER
MICROPHONE



KMC-45D
SPEAKER
MICROPHONE



EMC-11
CLIP MICROPHONE WITH
EARPHONE (Standard)



EMC-12
CLIP MICROPHONE WITH
EARPHONE (Ear-hanging)



KHS-35F
HEADSET (Ear-hook)



KBH-23
BELT-CLIP
HOLSTER



KBH-20
BELT CLIP



KBH-21
BELT CLIP
(Long type; designed to
suit 50 mm wide belts)

Privacy Talk

For peace of mind, Privacy Talk protects against casual eavesdropping.

Quiet Talk (QT) and Digital Quiet Talk (DQT)

Sub-audible QT tones (49) and DQT digital codes (104) in CB mode can be used to filter out unwanted signals and thus avoid distracting voice traffic.

Compatible with KENWOOD Headphones and Headsets*

For use in noisy environments or when there is a need for privacy, the PKT-300 is backward compatible with KENWOOD audio accessories.

*Sold separately

Internal Voice Operated Transmission (VOX)

When used with an external audio accessory, the radio's internal VOX, with 5-sensitivity settings, allows for hands-free operation: transmission starts automatically when the user talks.

Radio Management

You can control radio use by staff with Super Lock, an extension of Key Lock, which stops a user from changing to another channel; and with Busy Channel Lockout (BCL), to prevent a user from transmitting on a channel that someone else is currently using.

Supplied with Rotating Belt-clip Holster

This new belt-clip holster rotates 360 degrees in both directions, so the PKT-300 can be perfectly positioned for convenience. Push the tab to release the radio from the holster, and slide it back until it snaps in place. Battery charging is possible while the radio is attached to the holster.



Tough Reliability

Tailored for professional-grade applications, this radio meets or exceeds MIL-STD 810 C, D, E, F, G, and H for durability.

MIL Standard: Methods / Procedures	810H
Low Pressure	500.6' L, II
High Temperature	501.7' L, II
Low Temperature	502.7' L, II
Temperature Shock	503.7' I
Solar Radiation	505.7' I
Humidity	507.6' II
Vibration	514.8' I
Shock	516.8' L, IV
International Protection Standard	
Dust & Water	IEC-60529 – IP52

Note: Necessary conditions to meet MIL810 and IP standards are:
1) cap is installed in 2-pin accessory connector, and 2) cover is attached to the battery compartment.

SPECIFICATIONS

GENERAL		PKT-300E
Frequency Range		476.425–477.4125 MHz (CB); 450–480 MHz (LMR)*1
Number of Channels		16 (factory preset: selectable from 80 UHF CB chs)
Channel Spacing		12.5 kHz
Antenna Impedance		50 Ω
Operating Temperature		-10 to +60°C
Battery Life (5-5-90)*2 with KNB-81L		Saver Off: 14 H / 18 H
At 2 W Output / at 500 mW Output		Saver On: 18 H / 24 H
Frequency Stability		±2.5 ppm
Dimensions with KNB-81L, projections not included		50 x 56 x 27 mm
Weight with KNB-81L		140 g
TALK RANGE*		
Open Area w/o Obstructions: @2W	Narrow	Up to 9.7 km
RECEIVER		
Sensitivity (20 dB SINAD)	Narrow	0.28 µV
Selectivity	Narrow	50 dB
Intermodulation	Narrow	50 dB
Spurious Response		55 dB
Audio Output		100 mW
TRANSMITTER		
RF Power Output	High / Low	2.0 W / 500 mW
Spurious Response		50 dB
Emission Designator		8K50F3E
FM Hum & Noise	Narrow	34 dB
Audio Distortion		Less than 5%

*1: Converted from CB to LMR using KPG-210D (new FPU) *2: Based on 5% transmit/ 5% receive/ 90% standby (standard duty cycle). *3: Talk range will vary depending on the terrain and conditions.

Specifications shown are typical and subject to change without notice, due to advancements in technology. ProTalk® is a registered trademark of JVC KENWOOD Corporation. All other trademarks are the property of their respective holders.

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