

# PKT-300

## UHF FM TRANSCEIVER

### Enhanced Features in a Compact Radio

Introducing the PKT-300 portable radio, which comes with enhanced features that are perfect for those who need a lightweight, small, and powerful device. This radio is designed to be easy to use and can enhance work quality, efficiency, and worker well-being. It has a rugged, compact design, making it an ideal choice for fast-paced, customer service-focused retail, hospitality, warehousing, and entertainment venues. The integrated swivel belt clip makes it easy for employees to wear the radio and take advantage of one-touch, instant-on communications. With a robust 2 watts of transmit power, the PKT-300 provides loud and clear KENWOOD quality audio, even in high noise environments. The bright LCD display is easy to read in low light situations. The option to change frequencies or upgrade to 16 channels further extends the versatility of the PKT-300.

### General Features

#### COMPACT, LIGHTWEIGHT DESIGN & OPERATING EASE

Compact enough to carry anywhere with ease, the PKT-300 has a distinctively ergonomic form that's easy to hold and operate. It weighs 4.87oz (138 g) with the rechargeable Li-ion battery and control buttons, which are simple to use with PTT, MON, MENU, CALL, UP and DOWN operations.

#### 2 WATTS OF TRANSMIT POWER

Designed to be easy-to-use, the portable has a full 2 Watts of power for clear voice quality in noisy environments, yet it's extremely lightweight (4.87 oz).

#### PROGRAMMABLE CHANNELS

Users can modify each of the 6 or 16 preset channels to any of the 99 pre-stored frequencies.

#### 4-DIGIT 7-SEGMENT LCD WITH BACKLIGHTING

The large 4-digit 7-segment display makes it easy to check on both channel and signaling information. There is also a 3-level icon in the LCD to indicate how much battery power is left.

#### POWERFUL BATTERY

The 2200 mAh lithium-ion battery lasts through multiple shifts without recharging. Ready to use, right out of the box.

#### VERSATILITY

Customize your radio beyond the basic menu with programming software that allows full configuration of buttons and options. This enhances usability, compatibility, and reduces operator errors by restricting access.



Actual Size

### Other Features

- MIL-STD 810 C, D, E, F, G and H (refer to the chart on back page)
- Built-in VOX
- Key Lock/Super Lock
- Battery Saver
- Busy Channel Lockout
- Built-in Privacy Talk
- Compander
- 10-Call Alert Tone
- Wireless cloning and easy modifications

### Included Accessories

The PKT-300 comes with a battery, charger, AC adapter and swiveling belt clip holster. The two-pin connector works with popular accessories for additional versatility.

\* All Accessories / Options: 1 Year

## Accessories

All accessories may not be available in all markets.  
Contact an authorized KENWOOD dealer for details and complete list of all accessories.

**KNB-81L**  
Li-ion Battery Pack  
(3.6V/2,200mAh)  
(Same as supplied)



**KMC-21A**  
Lightweight Compact  
Speaker Microphone



**KHS-22A**  
Behind-the-Head  
Headset with Flexible  
Boom Mic and In-lin  
PTT Single Ear Receiver



**KEP-2**  
2.5mm earphone kit  
for KMC-45 Speaker Mic



**KSC-50K**  
Single Unit Charger  
(Same as supplied)



**KMC-45D**  
MIL-SPEC, IP54/55  
Speaker Microphone



**KHS-26**  
Clip Mic w/ Earphone



**KBH-21**  
Belt Clip  
(Long 1.91 in / 50mm)



**KSC-44MLKS**  
AC Adapter  
(For KSC-50CR  
multi-unit use, up to 6 units)



**KHS-8BL**  
2-wire Palm  
Microphone w/ Earphone



**KHS-27A**  
D-Ring Ear Hanger  
w/PTT & Mic



**KBH-23K**  
Swivel Belt Clip Holster



**KSC-506K**  
One Piece 6-Unit Charger



**KHS-9BL**  
3-wire Palm  
Microphone w/ Earphone



**KHS-31C**  
C-Ring Ear Hanger  
w/PTT & Mic



**KPG-208DK**  
Programming Software



**KPG-22U**  
USB to 2-pin  
Programming Cable

## Specifications

General	PKT-300
Frequency Range	450-470 MHz Preset 99 Frequencies
Number of Channels	6
Channel Spacing	25 / 12.5 kHz
Antenna Impedance	50 Ω
Battery Life (5-5.90 duty cycle) with KNB-81L (3.6V/2200mAh)	Approx. 14 hours (Battery saver off) Approx. 18 hours (Battery saver on)
Operating Temperature Range*	-22°F ~ +140°F (-30°C ~ +60°C)
Frequency Stability	±2.5ppm
CH Frequency Spread	20 MHz
Dimensions Radio with KNB-81L	(W x H x D) Projections Not Included 1.97 x 3.86 x 1.06 in (50 x 98 x 27 mm)
Weight Radio with KNB-81L	4.87 oz (138 g)
FCC ID	K44523500

\*Operating temperature specification for a Li-ion battery is 14°F to +140°F (-10°C to +60°C)

Specifications shown are typical and subject to change without notice, due to advancements in technology.  
Details and timing of firmware and software updates are subject to change without notice.  
Analog measurements made per TIA603. Specifications are measured according to applicable standards.

Receiver	PKT-300
Sensitivity (12 dB SINAD) Wide / Narrow	0.25 / 0.28 μV
Selectivity Wide / Narrow	60 / 50 dB
Intermodulation Distortion Wide / Narrow	55 / 50 dB
Spurious Response	55 dB
Audio Output Power	100 mW / 8 Ω (External Speaker)
Transmitter	PKT-300
RF Power Output High / Low	2.0 / 0.5 W (ERP)
Spurious Response	55 dB
FM Hum & Noise Wide / Narrow	40 / 34 dB
Audio Distortion	Less than 5%
Modulation Wide / Narrow	16K0F3E / 11K0F3E

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## MIL-STD & IP

MIL Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures	MIL 810F Methods/Procedures	MIL 810G Methods/Procedures	MIL 810H 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	500.6/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	501.7/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	502.7/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	503.7/Procedure I
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I	505.5/Procedure I	505.7/Procedure I
Humidity	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure II, III	507.4	507.5/Procedure II	507.6/Procedure II
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I	514.6/Procedure I	514.8/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	516.8/Procedure I, IV

### International Protection Standard

Dust & Water Protection IP52



ISO9001 Registered  
Communications Systems Division  
JVC KENWOOD Corporation

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**Contact Us Online  
Or Let's Talk!  
866-547-4988**

