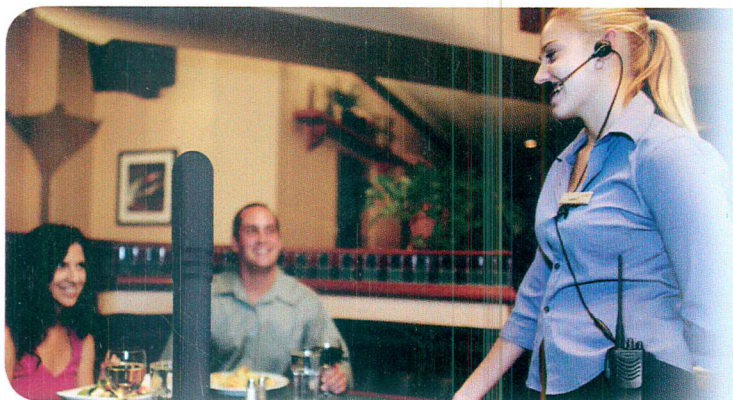


# KENWOOD



## TK-2000/3000

Compact VHF/UHF FM Portable Radios



### The Thin Edge

Slim, thin and light – Kenwood's TK-2000/3000 is supremely easy to handle and to operate. Yet this handy compact radio is extremely reliable, meeting the famously tough MIL-STD 810 C/D/E/F and G specifications. With its well-balanced performance, it makes perfect business sense.

#### Thin & Lightweight

Thinner and lighter – the TK-2000/3000 is ideal for hooking on a belt or even slipping into a coat pocket. The slim design fits neatly in your hand and it weighs only 203g with the Li-Ion battery.

#### 16 Channels with Scan Function

This compact, user-friendly portable offers a total of 16 channels, and each can be assigned a QT and DQT tone key to eliminate unwanted signals. You can also assign the 16th channel, if free, to the scan function. This added convenience means that the PF key is freed up for some other function.

#### Programmable Function Key with Hold

The side PF key can be programmed for enhanced operating ease, while the adjustable Hold feature doubles the number of functions at your finger tips.

#### All-in-one Package

The TK-2000/3000 is ready for use immediately after purchase. It comes with all necessary accessories, including a charger, battery pack and antenna. A handy belt clip is also provided. There is no need to buy extra accessories for normal operation.

#### Supplied Accessories



#### Robust & Reliable

The TK-2000/3000 is built to survive hard knocks, drops and all-weather environments. It meets or exceeds the stringent IP54 dust and water intrusion standards as well as the MIL-STD 810 C, D, E, F & G environmental standards.

#### OTHER FEATURES

- Output Power 5W (VHF) / 4W (UHF) • QT / DQT
- DTMF Enc. (PTT ID, Autodial) • Priority Scan
- Windows® Programming and Tuning
- Wide/Narrow Channel Bandwidth
- VOX ready • Battery-Saver
- Busy Channel Lockout • Time-Out-Timer
- Low-Battery Alert • Tri-Colour LED • Wired Clone



## Options

■ **KNB-63L**  
Li-Ion Battery  
(7.2V, 1,100 mAh)

■ **KSC35-E**  
Regular Charger

■ **KRA-22**  
VHF Low Profile  
Helical Antenna

■ **KRA-23**  
UHF Low Profile  
Helical Antenna

■ **KRA-26**  
VHF Helical Antenna

■ **KRA-27**  
UHF Whip Antenna

■ **KMC-45**  
Speaker Microphone

■ **KMC-21**  
Compact Speaker  
Microphone

■ **KHS-1**  
Headset  
with VOX/PTT

■ **KHS-21**  
Headset

■ **KWR-1**  
Water Resistant Bag

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

## Specifications

	TK-2000	TK-3000		TK-2000	TK-3000
<b>GENERAL</b>			<b>RECEIVER</b>		
Frequency Range			Sensitivity (12 dB SINAD)		
Type 1	144 - 174 MHz	440 - 480 MHz	Wide / Narrow		0.25 $\mu$ V / 0.28 $\mu$ V
Type 2	—	400 - 430 MHz	Selectivity		
Number of Channels		16 channels	Wide / Narrow		70 dB / 60 dB
Channel Spacing			Intermodulation Distortion		
Wide / Narrow		25 kHz / 12.5 kHz	Wide / Narrow		65 dB / 60 dB
Channel Step		5, 6.25 kHz	Spurious Response	65 dB	60 dB
Operating Voltage		7.5 V DC $\pm$ 20 %	Audio Distortion		
Battery Life (5-5-90 duty cycle, save off)			Audio Output		500 mW / 8 $\Omega$
with KNB-63L		Approx. 10 hours	<b>TRANSMITTER</b>		
Operating Temperature		-20°C ~ +60°C	RF Power Output (High / Low)	5 W / 1 W	4 W / 1 W
Frequency Stability	5 ppm	2.5 ppm	Spurious Response		65 dB
Antenna Impedance		50 $\Omega$	Modulation		
Channel Frequency Spread	30 MHz	40 MHz	Wide / Narrow		16K0F3E / 11K0F3E
Dimensions (W x H x D), Projections not Included			FM Hum & Noise		
Radio only		54 x 113 x 14 mm	Wide / Narrow		45 dB / 40 dB
with KNB-63L		54 x 113 x 24.9 mm	Audio Distortion		Less than 5 %
Weight (net)			Measurements made per TIA/EIA 603 and specifications shown are typical. Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice. Windows® is a registered trademark of Microsoft Corporation.		
Body only		Approx. 130 g			
with KNB-63L		Approx. 203 g			
FCC ID					
Type 1	ALH437200	ALH437300			
Type 2	—	ALH437301			
FCC Compliance	Parts 15 / 90	Parts 15 / 90			

## Applicable MIL-STD & IP

Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures	MIL 810F Methods/Procedures	MIL 810G 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
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
<b>International Protection Standard</b>					
Dust & Water Protection	IP54				

To meet MIL810 and IP54, the 2-pin connector cover has to be connected.

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**KENWOOD**

YOUR LOCAL DEALER

SUPPLIED & SERVICED BY

