

KENWOOD

Listen to the Future



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 – especially for inventory control and service industry operations.

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



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 fingertips.

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

<p>■ KNB-63L Li-ion Battery (7.2V, 1,100 mAh)</p> 	<p>■ KRA-26 VHF Helical Antenna</p> 	<p>■ KHS-1 Headset with VOX/PTT</p> 
<p>■ KSC-35S Rapid Charger</p> 	<p>■ KRA-27 UHF Whip Antenna</p> 	
<p>■ KRA-22 VHF Low Profile Helical Antenna</p> 	<p>■ KMC-45 Speaker Microphone</p> 	<p>■ KHS-21 Headset</p> 
<p>■ KRA-23 UHF Low Profile Helical Antenna</p> 	<p>■ KMC-21 Compact Speaker Microphone</p> 	<p>■ KWR-1 Water Resistant Bag</p> 

Specifications

Model	TK-2000	TK-3000	Model	TK-2000	TK-3000
GENERAL			RECEIVER		
Frequency Range	Type 1 Type 2 Type 6	136 - 174MHz - -	440 - 480MHz 400 - 430MHz 350 - 390MHz	Sensitivity(12dB SINAD)	Wide/Narrow 0.25µV / 0.28µV
Number of Channels	16 channels		Selectivity	Wide/Narrow	70 dB / 60 dB
Channel Spacing	Wide / Narrow	25 kHz / 12.5 kHz	Intermodulation Distortion	Wide/Narrow	65 dB / 60 dB
Channel Step	5, 6.25 kHz		Spurious Response	65 dB / 60 dB	
Operating Voltage	7.5V DC ± 20%		Audio Output	500 mW / 8 Ω	
Battery Life with KNB-63L (5-5-90 duty cycle, save off)	Approx. 10 hours		TRANSMITTER		
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	
Channel Frequency Spread	30 MHz	40 MHz	Modulation	Wide/Narrow	16K0F3E / 11K0F3E
Dimensions (W x H x D), Projections not included	Radio only with KNB-63L	54 x 113 x 14 mm 54 x 113 x 24.9 mm	FM Hum & Noise	Wide/Narrow	45 dB / 40 dB
weight (net)	Body only with KNB-63L	Approx. 130 g Approx. 203 g	Microphone Impedance	600 Ω	
FCC ID	Type 1 Type 2	ALH437200 -	Audio Distortion	Less than 5 %	
FCC Compliance (except Type 6)	Part 15 / 90		<i>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. All accessories and may not be available in all markets. Contact an authorized Kenwood dealer for details and complete list of all accessories and options.</i>		

Applicable MIL-STD & IP

Standard	MIL 810C Method/Procedure	MIL 810D Method/Procedure	MIL 810E Method/Procedure	MIL 810F Method/Procedure	MIL 810G Method/Procedure
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
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To meet MIL810 and IP54, the 2-pin connector cover has to be connected.

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ISO9001 Registered
Communications Equipment Division
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ISO9001 certification

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