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 – especially for inventory control and service industry operations.

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 KNB-63L 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.

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



KPG-137 Programme software free of

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





■ KRA-23 UHF Low Profile Helical Antenna



■ KMC-21 Compact Speaker Microphone







■ KRA-26 VHF Helical Antenna



■ KHS-1 Headset with VOX/PTT





■ KRA-27 UHF Whip Antenna



■ KHS-21 Headset



■ KRA-22 VHF Low Profile

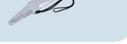
Helical Antenna



■ KMC-45 Speaker Microphone



■ KWR-1 Water Resistant Bag



All accessories and options may not be available in all markets.

Contact our authorized dealer for details and complete list of all accessories and options.

Specifications

	440 - 470 MHz nannels			
16 cł				
	nannels			
25 kHz / 20				
25 kHz / 20				
	kHz / 12.5 kHz			
7.5 V DC ± 20 %				
Approx. 9 hours				
Approx. 12 hours				
-20°C	~ +60°C			
5 ppm	2.5 ppm			
5	0 Ω			
30 MHz				
ons not Included				
54 x 113 x 14 mm				
54 x 113 x 24.9 mm				
54 x 113	x 26.9 mm			
Appro	x. 130 g			
Appro	x. 203 g			
Appro	x. 222 g			
EN 300 086, EN 300 219, EN 301 489				
EN 60065, EN	60950-1, EN 60215			
	Approx -20°C 5 ppm 5 00ns not Included 54 x 113 54 x 113 Approx Approx Approx Approx Approx Approx Approx EN 300 086, EN			

	TK-2000	TK-3000			
RECEIVER					
Sensitivity (Wide / Wide 4K / Na	rrow)				
EIA 12dB SINAD	0.28 μV / 0.28 μV / 0.35 μV				
EN 20dB SINAD	-3 dB μV (0.35 μV) / -3 dB μV (0.35 μV) / -1 dB μV (0.45 μV)				
Adjacent Channel Selectivity					
Wide / Wide 4K / Narrow	70 dB / 70 dB / 60 dB				
ntermodulation Distortion	65 dB				
Spurious Response Rejection	70 dB				
Audio Distortion	Less than 5 %				
Audio Output	500 mW / 8 Ω				
TRANSMITTER					
RF Power Output (High / Low)	5 W / 1 W	4 W / 1 W			
Modulation Limiting	±5.0 kHz	at 25 kHz			
))	±4.0 kHz	at 20 kHz			
	±2.5 kHz	at 12.5 kHz			
purious Emission	-36 dBm ≤ 1GHz, -30 dBm > 1GHz				
Modulation					
Wide / Wide 4K / Narrow	16K0F3E / 14K0F3E / 11K0F3E				
M Noise (EIA)					
Wide / Wide 4K / Narrow	45 dB / 43 dB / 40 dB				
Modulation Distortion	Less than 5 %				
Microphone Impedance	1.8 kΩ				

Analogue measurements made per EN Standards and specifications shown are typical. Specifications are subject to change without notice, due to advancements in technology. Windows® is a registered trademark of Microsoft Corporation in the United States and other countries.

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. /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	5 i O. i (Procedure)	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				

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

IP54

Dust & Water Protection

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ISO9001 Registered
Communications Equipment Division
Kenwood Corporation
ISO9001 certification