

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 specification. With its well-balanced performance, it makes perfect business sense.

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 finger tips.

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

This image displays a variety of Motorola accessories arranged in a grid-like fashion. The items include:

- KNB-63L**: A black Li-Ion Battery with specifications (7.2V, 1130 mAh).
- KSC-35E**: A Regular Charger, shown as a black rectangular unit with a coiled cable.
- KRA-22**: A VHF Low Profile Helical Antenna, a short black rod.
- KRA-23**: A UHF Low Profile Helical Antenna, a shorter black rod.
- KRA-26**: A VHF Helical Antenna, a longer black rod.
- KRA-27**: A UHF Whip Antenna, a black whip-style antenna.
- KMC-45**: A Speaker Microphone, featuring a black speaker grille and a coiled cable.
- KMC-21**: A Compact Speaker Microphone, a smaller version of the KMC-45.
- KHS-1**: A Headset with VOX/PTT, shown as a black headset with a microphone and a coiled cable.
- KHS-21**: A Headset, another model of a black headset with a microphone.
- KWR-1**: A Water Resistant Bag, a clear plastic bag with a black strap.

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

Specifications

	TK-2000	TK-3000	TK-2000	TK-3000
GENERAL			RECEIVER	
Frequency Range			Sensitivity (12 dB SINAD)	
Type 1	144 - 174 MHz	440 - 480 MHz	Wide / Narrow	0.25 µV / 0.28 µV
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 Responses	65 dB
Operating Voltage	7.5 V DC ±20 %		Audio Distortion	Less than 5 %
Battery Life (5-5-90 duty cycle, save off)			Audio Output	500 mW / 8 Ω
with KNB-63L	Approx. 10 hours		TRANSMITTER	
Operating Temperature	-20°C ~ +60°C		RF Power Output (High / Low)	5 W / 1 W
Frequency Stability	5 ppm	2.5 ppm	Spurious Response	65 dB
Antenna Impedance	50 Ω		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.	
Body only	Approx. 170 g		Windows® is a registered trademark of Microsoft Corporation.	
with KNB-63L	Approx. 200 g			
FCC ID				
Type 1	ALH437200	ALH437300		
Type 2	—	ALH437301		
FCC Compliance	Parts 15 / 90	Parts 15 / 90		

Applicable MIL-STD 883C

Standard	MIL 883C 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

International Protection Standard

Debris & Water Protection

To meet IEC 601810 and IP54, the 2-pin connector cover has to be connected.

Listen to the Future

Kenwood has always connected with people through sound. Now we want to expand the world of sound in ways that only Kenwood can, listening to our customers and to the pulse of the coming age as we head toward a future of shared discovery, inspiration and enjoyment.

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