

The New TK-2000/3000

Slim, Thin and Light

With All-in-one Package



Supplied Accessories



All-in-one Package

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

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.

MIL-STD 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.

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.

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
- Wide selection of operating frequencies (440 - 480Mhz)

Programmable Function Key with Hold

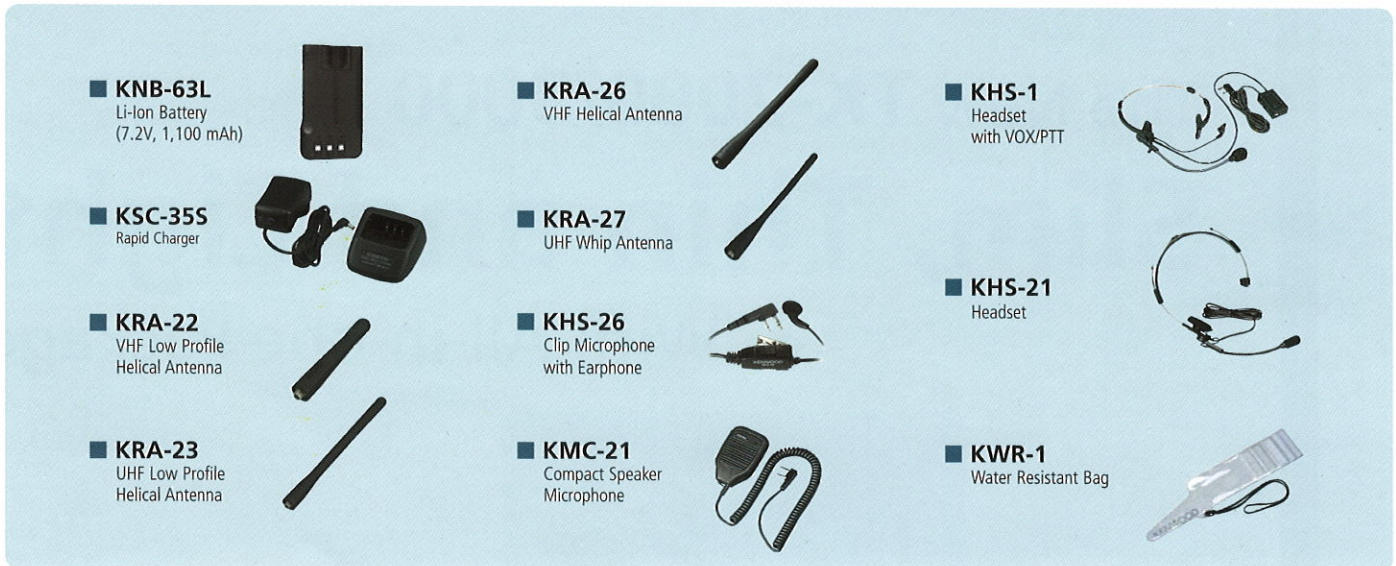
The side PF key can be programmed for enhanced operating ease, while the adjustable Hold feature doubles the number of functions at your fingertips.

The Thin Edge

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.



Accessories Options



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

GENERAL

Frequency Range	Type 1	144 - 174 MHz	440 - 480 MHz
	Type 2	—	400 - 430 MHz
Number of Channels	16 channels		
Channel Spacing	Wide / Narrow		
	25 kHz / 12.5 kHz		
Channel Step	5, 6.25 kHz		
Operating Voltage	7.5 V DC ±20 %		
Battery Life (5-5-90 duty cycle, save off)	Approx. 10 hours		
with KNB-63L	-20°C ~ +60°C		
Operating Temperature	5 ppm		
Frequency Stability	50 Ω		
Antenna Impedance	30 MHz		
Channel Frequency Spread	40 MHz		
Dimensions (W x H x D), Projections not included	Radio only		
	54 x 113 x 14 mm		
	with KNB-63L		
	54 x 113 x 24.9 mm		
Weight (net)	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

RECEIVER

Sensitivity (12 dB SINAD)	Wide / Narrow		0.25 μV / 0.28 μV
Selectivity	Wide / Narrow		70 dB / 60 dB
Intermodulation Distortion	Wide / Narrow		65 dB / 60 dB
Spurious Response	65 dB		60 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
Spurious Response	65 dB	
Modulation	Wide / Narrow	
	16K0F3E / 11K0F3E	
FM Hum & Noise	Wide / Narrow	
	45 dB / 40 dB	
Audio Distortion	Less than 5 %	

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.

Applicable MIL-STD & IP

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

Dust & Water Protection

IP54

To meet MIL810 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.

Kenwood Corporation

Communications Equipment Division

1-16-2 Hakusan, Midori-ku, Yokohama-shi, Kanagawa, 226-8525 Japan
www.kenwood.com

