

KENWOOD TK2360/3360 TWO WAY RADIOS

COMPACT CONFIDENCE – TECHNOLOGY TO TRUST

Smart things come in slim packages – as ably demonstrated by Kenwood’s new TK-2360/3360 radios, which offer top-notch performance and a rich feature set – all in a conveniently compact design. Easy to use, yet tough where it counts: IP54/55, MIL-STD weatherproofing means they never complain about the weather.



ENHANCED AUDIO

As an experienced audio specialist, Kenwood can draw on decades of expertise at every step: component selection, construction, optimization, evaluation and analysis. The resulting audio performance, specially engineered for transceivers, is undeniably clearer and crisper. Just listen to the difference.

PROGRAMMABLE VOICE SCRAMBLER

The built-in programmable voice inversion scrambler provides basic protection against casual eavesdropping.

SLIM, COMPACT & LIGHTWEIGHT

Smaller, thinner and lighter – these radios are ideal for hooking on a belt or even slipping into a coat pocket. Kenwood engineering advances have resulted in a compact, ergonomic design that is easy to grip and operate, even with gloved hands.

ROBUST & WATER-RESISTANT

The tough TK-2360/3360 has passed the demanding IP54/55 dust and water intrusion tests. It also meets or exceeds 11 stringent MIL-STD 810 C/D/E/F environmental standards, including “blowing rain”.

UHF WIDE BAND COVERAGE

Offering extensive frequency coverage – 70MHz for UHF – the TK-2360/3360 can accommodate a wide range of applications.

16 CHANNELS

The TK-2360/3360 offers ample capacity for multiple channels or radio systems. And there is now a colourcoded channel stopper to enhance operability when using only a few channels; easy to set up, this feature limits the maximum number of channels to 4, 8 or 12.

STAFF SAFE FUNCTIONS

Three different staff safe functions are available that make use of the built in motion sensor. When activated, a “mandown” alert is generated automatically if the radio is not upright for a length of time. Similarly alerts can be sent if the radio is stationary for a preset period or if it is being shaken/swung violently as when someone is running.

LONE WORKER

This ingenious feature provides an extra layer of security for individuals who work in remote or hazardous areas. If there is a long lapse, it will sound an alert. And if the user does not respond to the alert, the TK-2360/3360 will place an emergency call to a predetermined person or group.

EMERGENCY FUNCTION

For hazardous / hostile duty environments, the AUX key can be programmed for Emergency use to transmit an alert to a predetermined person or group using DTMF, FleetSync® and 5-tone.

RADIO STUN

The radio stun function can disable a lost or stolen radio over the air, thus eliminating security risks.

VOICE ANNOUNCEMENT

The rotary and key controls on the TK-2360/3360 have been designed to provide the user with voiceannouncement of radio status or mode – convenient when operated undercover or in a pocket. Several languages are available.

OTHER FEATURES

- 3 new optional batteries
- 4-colour LEDs
- Programmable function keys with hold
- VOX ready
- Time out timer
- Voting
- Priority scan
- Data password protection
- Wide / Narrow per channel
- Companded audio per channel
- Talk around
- BCL
- Key lock



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GENERAL SPECIFICATION

		TK-2360	TK-3360
Frequency Range (MHz)		136 - 174	400 - 470
Number of Channels		16	
Channel Spacing		25 kHz / 20 kHz / 12.5 kHz	
Operating Voltage		7.5 V DC \pm 20 %	
Battery Life	With KNB-55L	Approx. 9 hours	
	With KNB-56N	Approx. 9 hours	
	With KNB-57L	Approx. 13 hours	
Operating Temperature		-30°C ~ +60°C	
Frequency Stability		\pm 2.5 ppm	
Antenna Impedance		50 Ω	
Channel Frequency Spread		38 MHz	70 MHz
Dimensions (W x H x D)	Radio Only	56.0 x 103.7 x 14.0 mm	
	With KNB-55L	56.0 x 103.7 x 29.1 mm	
	With KNB-56N	56.0 x 103.7 x 33.8 mm	
	With KNB-57L	56.0 x 103.7 x 30.1 mm	
Weight	Radio Only	163 g	
	With KNB-55L	260 g	
	With KNB-56N	360 g	
	With KNB-57L	285 g	
Applicable Standards	ETSI R&TTE	EN 300 086, EN 300 113, EN 300 219	
	ETSI Safety	EN 60065, EN60950-1, EN 60215	

RECEIVER

	TK-2000	TK-3302
Sensitivity (12 dB SINAD)	0.25 μ V / 0.25 μ V / 0.28 μ V	
Selectivity	70 dB / 70 dB / 63 dB	
Intermodulation Distortion	68 dB	
Spurious Response	70 dB	
Audio Distortion	Less than 5%	
Audio Output	500 mW / 8 Ω	

TRANSMITTER

	TK-2302	TK-3302
RF Power Output (High/Low)	5W / 1W	
Modulation Limiting	\pm 5.0 kHz at 25 kHz	
	\pm 4.0 kHz at 20 kHz	
	\pm 4.0 kHz at 20 kHz	
Spurious Emission	-36 dBm \leq 1 GHz, -30 dBm > 1 GHz	
FM Noise	45 dB / 45 dB / 43 dB	
Modulation Distortion	Less than 5 %	
Microphone Impedance	1.8 k Ω	
Modulation	16K0F3E, 14K0F3E, 14K0F2D, 12K0F2D, 8K50F3E, 7K50F2D	

MILITARY STANDARDS

APPLICABLE MIL-STD	Method/Procedures			
	810C	810D	810E	810F
Low Pressure	500.1/I	500.2/I, II	500.3/ I, II	500.4/ I, II
High Temperature	501.1/ I, II	501.2/ I, II	501.3/ I, II	501.4/ I, II
Low Temperature	502.1/ I	502.2/ I, II	502.3/ I, II	502.4/ I, II
Temperature Shock	503.1/ I	503.2/ I	503.3/ I	503.4/ I, II
Solar Radiation	505.1/ I	505.2/ I	505.3/ I	505.4/ I
Rain	506.1/ I, II	506.2/ I, II	506.3/ I, II	506.4/ I, III
Humidity	507.1/ I, II	507.2/ II, III	507.3/ II, III	507.4
Salt Fog	509.1/ I	509.2/ I	509.3/ I	509.4
Dust	510.1/ I	510.2/ I	510.3/ I	510.4/ I, III
Vibration	514.2/ VIII, X	514.3/ I	514.4/ I	514.5/ I
Shock	516.2/ I, II, V	516.3/ I, IV	516.4/ I, IV	516.5/ I, IV

For more information on Kenwood Two Way Radios please call us on **0800 0747 312** or visit our website at www.brentwoodradios.co.uk.

