

KENWOOD

Listen to the Future



TK-2360/3360

Compact VHF/UHF FM Portable Radios



FleetSync® **Lone Worker®**
You'll never work alone.

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.

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, even with the KMC-45 optional speaker microphone attached (locking bracket required). It also meets or exceeds 11 stringent MIL-STD 810 C/D/E/F environmental standards, including "blowing rain".

CLEAR AND CRISP, 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.

UHF WIDE BAND COVERAGE

Offering extensive frequency coverage – 70MHz for UHF – the TK-2360/3360 can accommodate a wide range of applications, making it an ideal choice for rental businesses.

16 CHANNELS WITH 4/8/12-CHANNEL STOPPER

The TK-2360/3360 offers ample capacity for multiple channels or radio systems. And there is now a color-coded 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.

UHF 5W OUTPUT POWER

Output is 5W for both VHF and UHF.

PROGRAMMABLE FUNCTION KEYS WITH HOLD

The side-mounted PF keys can be programmed for enhanced operating ease, and the new Hold feature (adjustable) doubles the number of functions at your fingertips.

PROGRAMMABLE VOICE INVERSION SCRAMBLER*

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

*This function cannot be used in certain countries. Please contact your Kenwood dealer for further information.

SIGNALING

■ QT / DQT / DTMF ■ FleetSync® PTT ID, SelCall
■ 2-tone (Encode / Decode) ■ Built-in MDC-1200 Signaling

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® or MDC-1200 signaling.

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 (programmable), 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.

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 voice-announcement of radio status or mode – convenient when operated undercover or in a pocket. Several languages are available.

OTHER FEATURES

- 3 new optional batteries (KNB-55L / 56N / 57L)
- 4-color LEDs (blue / red / green / orange)
- VOX / compander / scrambler setting by channel
- VOX ready • Time out timer • Priority scan
- Password protection • Wide / Narrow per channel
- Companded audio per channel • Talk around
- BCL (busy channel lockout) • Key lock



Actual Size

Options

■ **KNB-55L**
Li-Ion Battery Pack
(1,480 mAh)



■ **KSC-25**
Rapid Charger



■ **KRA-26/27**
VHF/UHF Whip Antenna



■ **KHS-21**
Headset



■ **KNB-56N**
Ni-MH Battery Pack
(1,400 mAh)



■ **KSC-30**
Regular Charger



■ **KMC-45**
Speaker Microphone



■ **KEP-2**
Earphone Kit
(2.5 mm plug)



■ **KNB-57L**
Li-Ion Battery Pack
(2,000 mAh)



■ **KSC-256**
Six Pocket Multiple
Charger



■ **KMC-21**
Compact Speaker
Microphone



■ **KWR-1**
Water Resistant Bag



■ **KBP-5**
Battery Case



■ **KRA-22/23**
VHF/UHF Low Profile
Helical Antenna



■ **KHS-1**
Headset
with VOX/PTT



■ **KBH-12**
Belt Clip



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

	TK-2360	TK-3360
GENERAL		
Frequency Range		
Type 1	136 - 174 MHz	—
Type 2	—	400 - 470 MHz
Number of Channels	Max.16	
Channel Spacing		
Wide / Narrow	25, 30 kHz / 12.5, 15 kHz	25 kHz / 12.5 kHz
Battery Voltage	7.5 V DC ±20 %	
Battery Life (5-5-90 duty cycle, save off)		
with KNB-55L (1480 mAh)	Approx. 9 hours	
with KNB-56N (1400 mAh)	Approx. 9 hours	
with KNB-57L (2000 mAh)	Approx. 13 hours	
Operating Temperature Range	-30°C ~ +60°C	
Frequency Stability	±2.5 ppm (-30°C ~ +60°C)	
Antenna Impedance	38 MHz	50 Ω
Channel Frequency Spread	70 MHz	
Dimensions (W x H x D), Projections not included		
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 (net)		
Radio only	163 g	
with KNB-55L	270 g	
with KNB-56N	380 g	
with KNB-57L	305 g	
FCC ID		
Type 1	ALH415000	—
Type 2	—	ALH415101

	TK-2360	TK-3360
RECEIVER		
Sensitivity (12 dB SINAD)		
Wide / Narrow	0.25 μV / 0.28 μV	
Selectivity		
Wide / Narrow	70 dB / 63 dB	
Intermodulation Distortion		
Wide / Narrow	68 dB / 68 dB	
Spurious Response	70 dB	
Audio Distortion	less than 5 %	
Audio Output	500 mW / 8 Ω	
TRANSMITTER		
RF Output Power (High / Low)	5 W / 1 W	
Spurious Response	70 dB	
Type of Emission		
Wide / Narrow	16K0F3E / 11K0F3E	
FM HUM & Noise		
Wide / Narrow	45 dB / 43 dB	
Modulation 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.

FleetSync® is a registered trademark of Kenwood Corporation.

Applicable MIL-STD & IP

Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures	MIL 810F Methods/Procedures
Low Pressure	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/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
Low Temperature	502.1/Procedure I	502.2/Procedure I, II	502.3/Procedure I, II	502.4/Procedure I, II
Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I
Rain* ¹	506.1/Procedure I, II	506.2/Procedure I, II	506.3/Procedure I, II	506.4/Procedure I, III
Humidity	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure II, III	507.4
Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I
Shock	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV	516.5/Procedure I, IV

International Protection Standard

Dust & Water Protection*² IP54/55

*¹ To meet the blowing-rain condition, the 2-pin connector cover has to be connected on the radio.

*² To meet IP54/55, the 2-pin connector cover has to be connected on the radio; the locking bracket has to be attached to the KMC-45 external speaker microphone.

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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