

# KENWOOD

Listen to the Future



## TK-2360/3360

Compact VHF/UHF FM Portable Radios

**FleetSync**<sup>®</sup>  
by KENWOOD

### GENERAL FEATURES

- 5W (136-174 MHz)
- 5W (450-520, 400-470 MHz)
- 16 Conventional Channels
- Single Priority / Normal Scan
- Transmit / Busy / Call Alert / Scan / Warn LED
- 4-Color LED (Blue/Red/Green/Orange)
- 3 PF Keys (w/Hold Function)
- Orange Emergency / AUX Key
- 500 mW Audio Power
- Enhanced Kenwood Audio
- Companded Audio (per CH)
- Voice CH# Announcement
- VOX ready
- Voice Inversion Scrambler Built-in
- 16 Scrambler Codes (per CH)
- Emergency Call Features
- Emergency Man-Down Option
- Lone Worker Alert
- QT / DQT
- Two-Tone Decode<sup>1</sup>
- Single / Two-Tone Encode<sup>1</sup>
- DTMF Encode / Decode<sup>2</sup>
- Special Alert Tone Pattern<sup>3</sup>
- Time Out Timer
- Busy Channel Lockout
- Low Battery Warning
- Battery Saver
- Windows Programming & Tuning<sup>4</sup>
- Password Protection
- MIL-STD-810 C/D/E/F
- IP-54/55 Water & Dust Intrusion

### FleetSync<sup>®</sup>



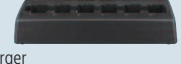
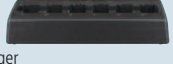








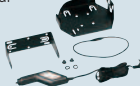






- PTT ID Digital ANI
- Selective Call & Group Call<sup>5</sup>
- Paging Call
- Status Messaging<sup>5</sup>
- Emergency Status

### MDC-1200

- PTT ID Digital ANI
- Emergency Status
- Radio Check
- Radio Inhibit



# Options

<ul style="list-style-type: none"> <li><b>KNB-55L</b> Li-ion Battery Pack (1,480mAh)</li> <li><b>KNB-56N</b> Ni-MH Battery Pack (1,400mAh)</li> <li><b>KNB-57L</b> Li-ion Battery Pack (2,000mAh)</li> <li><b>KBP-5</b> Battery Case</li> <li><b>KSC-25</b> Rapid Charger</li> <li><b>KSC-30</b> Regular Charger for KNB-56N</li> <li><b>KSC-256K</b> Six Unit Gang Charger</li> </ul>	   	<ul style="list-style-type: none"> <li><b>KRA-22</b> VHF Low Profile Helical Antenna</li> <li><b>KRA-23</b> UHF Low Profile Helical Antenna</li> <li><b>KRA-26</b> VHF Helical Antenna</li> <li><b>KRA-27</b> UHF Whip Antenna</li> <li><b>KMC-45</b> Speaker Microphone</li> </ul>	    	<ul style="list-style-type: none"> <li><b>KMC-21</b> Speaker Microphone</li> <li><b>KEP-2</b> Earphone Kit for KMC-45 (2.5mm plug)</li> <li><b>KHS-22</b> Head Set</li> <li><b>KVC-3</b> Regular Rate Vehicular Charger Adapter (for KSC-30)</li> <li><b>KVC-4</b> Rapid Rate Vehicular Charger Adapter (for KSC-25)</li> </ul>	    	<ul style="list-style-type: none"> <li><b>KHS-7A</b> Lightweight Single Muff Headset</li> <li><b>KHS-8BL</b> 2-wire Palm Mic with Earphone (Black)</li> <li><b>KHS-9BL</b> 3-wire Lapel Mic with Earphone (Black)</li> <li><b>KLH-138</b> Leather Case</li> <li><b>KBH-12</b> Belt Clip</li> </ul>	    
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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

Model	TK-2360	TK-3360
<b>GENERAL</b>		
Frequency Range	Type 1 136-174 MHz Type 2 -	450-520 MHz 400-470 MHz
Number of Channels	Max. 16	
Channel Spacing	Wide/Narrow 25, 30kHz/12.5, 15kHz 25kHz/12.5kHz	
Operating Voltage	7.5V 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	-22°F ~ +140°F (-30°C ~ +60°C) [-14°F ~ +140°F (-10°C ~ +60°C) when KNB-55L/57L in use]	
Frequency Stability	±2.5ppm (-22°F ~ +140°F)	
Antenna Impedance	50 Ω	
Channel Frequency Spread	38MHz	70MHz
Dimensions (W x H x D), Projections not included	Radio Only 2.2" x 4.1" x 0.55" (56 x 103.7 x 14.0mm) with KNB-55L 2.2" x 4.1" x 1.14" (56 x 103.7 x 29.1mm) with KNB-56N 2.2" x 4.1" x 1.33" (56 x 103.7 x 33.8mm) with KNB-57L 2.2" x 4.1" x 1.18" (56 x 103.7 x 30.1mm)	
Weight	Radio Only 5.75oz (163g) with KNB-55L 9.17oz (260g) without antenna with KNB-56N 12.70oz (360g) without antenna with KNB-57L 10.05oz (285g) without antenna	
FCC ID	Type 1 ALH415000 ALH415100 Type 2 - ALH415101	

Model	TK-2360	TK-3360
<b>RECEIVER</b> (Measurements made per TIA/EIA-603)		
Sensitivity (12dB SINAD)	Wide/Narrow 0.25µV/0.28µV	
Selectivity	Wide/Narrow 70dB/63dB	
Intermodulation Distortion	Wide/Narrow 68dB	
Spurious Response	70dB	
Audio Distortion	Less than 5%	
Audio Output	500 mW / 8 Ω	
<b>TRANSMITTER</b> (Measurements made per TIA/EIA-603)		
RF Power Output	High/Low 5W / 1W	
Spurious Response	70dB	
Modulation	Wide/Narrow 16K0F3E/11K0F3E	
FM Noise	Wide/Narrow 45/43dB	
Audio Distortion	Less than 5%	

Windows® is a registered trademark of Microsoft Corporation in the United States and other countries. FleetSync® is a registered trademark of KENWOOD Corporation in the United States and/or other countries.

Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.

# Applicable MIL-STD & IP

Standards	Methods/Procedures MIL-STD 810C	Methods/Procedures MIL-STD 810D	Methods/Procedures MIL-STD 810E	Methods/Procedures MIL-STD 810F
<b>Low Pressure</b>	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II
<b>High Temperature</b>	501.1/Procedure I, II	501.2/Procedure I, II	501.3/Procedure I, II	501.4/Procedure I, II
<b>Low Temperature</b>	502.1/Procedure I	502.2/Procedure I, II	502.3/Procedure I, II	502.4/Procedure I, II
<b>Temperature Shock</b>	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II
<b>Solar Radiation</b>	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I
<b>Rain</b>	506.1/Procedure I, II	506.2/Procedure I, II	506.3/Procedure I, II	506.4/Procedure I, III
<b>Humidity</b>	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure II, III	507.4
<b>Salt Fog</b>	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4
<b>Dust</b>	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III
<b>Vibration</b>	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I
<b>Shock</b>	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV	516.5/Procedure I, IV
<b>International Protection Standard</b>				
<b>Dust &amp; Water Protection</b>	IP54/55			

footnotes from Front:  
<sup>1</sup> Two-Tone Decode (3 sets x 2 pairs each); Single / Two-Tone Encode (1 tone).  
<sup>2</sup> DTMF Encode: PTT ID, Emergency ANI, Auto-Dial (8 numbers), DTMF Decode: Selective Call (10-digit ID Code, Group Codes; A, B, C, D & Wild Card characters), and Radio Stun.  
<sup>3</sup> Special Alert Tone Pattern operates for 2-Tone, DTMF, FleetSync® selective call decode.  
<sup>4</sup> KPG-128D required: Windows® 2000/XP/Vista compatible.  
<sup>5</sup> ID List capacity is 8 ID's; 10 Group ID's; Status 1 & 2 (10-99).

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



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 Communications Equipment Division  
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 ISO9001 certification

AS2#11510 Printed in USA