

# KENWOOD

Listen to the Future

## COMPACT VHF/UHF FM Portable Radios

Compact, Lightweight and Ergonomic Design



14 Hours Long Battery Life



Programmable Function Keys



Tough and Water Resistant with MIL-STD 810 Standard



Priority Scan & Talk Back Function



Optimum Audio Volume and Clarity

# TK-2207/3207

## The Star Performer

Kenwood's compact TK-2207/3207 transceiver, based on a proven design, represents ergonomic excellence. Pick one up and you'll immediately appreciate how easy it is to use. Powerful too, offering priority scan, built-in VOX, a voice scrambler and numerous other features. Plus you can count on reliable performance in all conditions, thanks to MIL-STD 810 & IP54/55 weather-proofing. Indoors or out, rain or shine, the smart new TK-2207/3207 is a star performer!



TK-2207/3207 Features



**Compact, Lightweight and Ergonomic Design**

The TK-2207/3207's rounded ergonomic contours naturally fit the hand for a comfortable hold, while the non-slip elastomer channel knob with improved torque characteristics ensures positive select operation.



**14 hours Long Battery Life**

The standard KNB-29N Ni-MH 14-hour\* pack offers extended power in a compact, lightweight design.  
*\*Battery life is based on a 5% transmit / 5% receive / 90% standby duty cycle.*



**Programmable function keys**

The two side PF Keys are programmable for any of the many functions available on the TK-2207/3207, permitting a customized fit for specific users.



**Tough and Water Resistant (MIL-STD 810)**

Built tough to take rough treatment in stride, the TK-2207/3207 has passed the advanced IP54/55 and MIL-STD 810 "blowing rain" water resistance tests. It also meets or exceeds 11 other stringent MIL-STD 810C/D/E/F environmental standards. Whatever the weather, the TK-2207/3207 is ready to answer the call.



**Priority Scan & Talk Back function**

Scanning is a simple way to monitor multiple channels and the TK-2207/3207 (16-channel capacity) offers both standard and priority scan modes. Talk back allows immediate response to a received call without having to manually search or change channels.



**Optimum Audio Volume and Clarity**

Clear audio means confident communications. The TK-2207/3207 is equipped with a large speaker offering a full half-watt of audio output, while tailored response characteristics provide optimum clarity even in noisy environments.

Additional TK-2207/3207 Features

- Voice Guide**
- QT/DQT/DTMF**
- Wireless Clone**
- Internal VOX/Hands Free Ready**
- FleetSync™ PTT ID & SELCALL**
- Key Lock**
- Built-in Voice Scrambler**
- Selectable Microphone Sensitivity**

Optional Accessories

 <p><b>KNB-29N</b> Ni-MH Battery Pack (1,500mAh)</p>	 <p><b>KRA-26</b> VHF Helical Antenna</p>	 <p><b>KHS-1</b> Head Set with VOX/PTT</p>
 <p><b>KSC-31</b> Rapid Charger (3H)</p>	 <p><b>KRA-27</b> UHF Whip Antenna</p>	 <p><b>KHS-21</b> Head Set</p>
 <p><b>KRA-22</b> VHF Low Profile Helical Antenna</p>	 <p><b>KMC-17</b> Speaker Microphone</p>	 <p><b>KBH-10</b> Belt Clip</p>
 <p><b>KRA-23</b> UHF Low Profile Helical Antenna</p>	 <p><b>KMC-21</b> Compact Speaker Microphone</p>	 <p><b>KHS-26</b> Clip Microphone with Earpiece</p>

Specifications

	TK-2207	TK-3207
<b>GENERAL</b>		
Frequency Range	136-174 MHz	Type M: 450 ~ 490 MHz Type C: 440 ~ 480 MHz
Number of Channels	16	
Channel Spacing	25kHz/12.5kHz	
Wide/Narrow		
Channel Step	5.6.25kHz	
Operating Voltage	7.5V DC±20%	
Battery Life (5-5-90 duty cycle with battery saver off)	Approx. 14 hours	
with KNB-29N (1500mAh)		
Operating Temperature Range	-30°C ~ +60°C	
-10°C ~ +60°C when KNB-29N in use		
Frequency Stability	±2.5ppm (-30°C ~ +60°C)	
Antenna Impedance	50Ω	
Channel Frequency Spread		
Type 1	38MHz	40MHz
Dimensions (W x H x D), Projections not Included		
Radio Only	54 x 122 x 21.1 mm	
with KNB-29N	54 x 122 x 33 mm	
Weight (net)		
Radio Only	160 g	
with KNB-29N	360g	

	TK-2207	TK-3207
<b>RECEIVER</b> (Measurements made per TIA/EIA-603)		
Sensitivity (12dB SINAD)		
Wide/Narrow	0.25µV/0.28µV	
Selectivity		
Wide/Narrow	70dB/60dB	
Intermodulation Distortion		
Wide/Narrow	65dB/60dB	
Spurious Response	65dB	60dB
Audio Output	500mW with less than 10% distortion	
<b>TRANSMITTER</b> (Measurements made per TIA/EIA-603)		
RF Power Output		
High/Low	5W/1W	4W/1W
Spurious Response	65dB	
Modulation		
Wide/Narrow	16K0F3E/11K0F3E	
FM Noise		
Wide/Narrow	45/40dB	
Audio Distortion	Less than 5%	

Kenwood reserves the right to change specifications and features without prior notice. FleetSync™ is a trademark of Kenwood Corporation.