

KENWOOD

Listen to the Future

TK-2217-TK-3217

Compact VHF / UHF FM Portable Radio
VHF / UHF FM 手持無線電對講機



Always at the ready, rugged and reliable – Kenwood's smart new TK-2217 / TK-3217 combines solid performance with superb convenience, reflected in every detail of its design. And with such features as a 128-channel/128-zone capacity, FleetSync® support, built-in VOX and voice-inversion scrambling, it's capable of serving with distinction in a wide range of demanding assignments.

ADVANCED INDUSTRIAL DESIGN

The TK-2217 / TK-3217's compact, rugged and smart industrial design offers practicality, durability and style make it easy to carry and operate.

128 CHANNELS/128 ZONES

The 128 channel/128 zone capacity accommodates virtually any current or future requirement for single or multiple site radio systems.

ADVANCED DISPLAY

The backlit 8-character, 13 segment LCD with icons provides an easy-to-read channel, function and FleetSync® messaging display day or night.

ENHANCED KENWOOD AUDIO

The TK-3217 provides loud clear audio even in noisy environments.

MIL-STD DRIVEN RAIN & IP54/55

The TK-2217 / TK-3217 is built to survive hard knocks and harsh weather environments. These radios meet or exceed the stringent IP54/55 dust and water intrusion standards and the MIL-STD 810 C/ D/ E & F environmental standards including the demanding "driven rain" test*.

*MIL-STD and IP Compatibility requires the 2-pin connector cover to be connected.

VOICE INVERSION SCRAMBLER

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

VOX READY

The TK-2217 / TK-3217 offers convenient hands-free operation with a compatible headset. The TK-2217 / TK-3217 internal VOX (voice-operated transmission) circuitry provides automatic PTT and a 10-level sensitivity adjustment for different ambient noise levels.

QT/DQT/DTMF SIGNALLING

The TK-2217 / TK-3217 includes industry standard encode/decode signalling formats for talk groups, system access, selective calling, talk back paging, status messaging and remote control applications.

SCAN

Multi-channel call monitoring can be customized per user needs with single/multi-zone scan and delete/add scan features. Priority Scan automatically checks a primary channel for activity even while receiving a call on a non-priority channel. Convenience features such as Priority Alert, Temporary Delete and Revert Channel Display facilitate user-friendly operation and eliminate confusion. Also, Talk Back allows the user to respond immediately to a call, regardless of the pre-programmed or selected scan revert channel.

FleetSync®

Kenwood's FleetSync® digital signalling system includes PTT ID for instant radio call identification. FleetSync® also includes status messaging, selective calling, caller ID display, and stun features.

OTHER FEATURES

- Key Lock
- Tri-Color LED (Red, Orange, Green)
- Power On Text Message
- 6 Programmable Function Keys
- Channel & Zone Scan Delete/Add
- Operator Selectable Tone
- Embedded Message
- Adjustable Microphone Gain
- Programming Data Password
- Wireless Cloning
- PC Programming & Tuning



Options 選購配件

KNB-29N
Ni-MH Battery Pack
(1,500mAh)
鎳氫電池

KSC-31
Rapid Charger(3H)
快速充電器

KRA-22
VHF Low Profile
Helical Antenna
天線

KRA-23
UHF Low Profile
Helical Antenna
UHF短天線

KRA-26
VHF Helical Antenna
天線

KRA-27
UHF Whip Antenna
UHF天線

KMC-17
Speaker Microphone
軍規手持麥克風

KMC-21
Compact Speaker
Microphone
簡捷型手持麥克風

KHS-1
Headset with VOX/PTT
聲控頭戴式耳機麥克風

KBH-10
Belt Clip
皮帶扣

KWR-1
Water Resistant Bag
防水袋

KMB-16T
Multi-Charger
充電座

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 規格表

	TK-2217	TK-3217
GENERAL		
Frequency Range	136-174 Mhz	440-480 MHz
Number of Channels	Max.128 per Radio / Max. 128 per Zone	
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, during hi-power, battery saver off)	with KNB-29N(1500 mAh) Approx. 10 hours	
Operating Temperature Range*	-30 ℃ ~ +60 ℃	
Frequency Stability	±2.5 ppm(-30 ℃ ~ +60 ℃)	
Antenna Impedance	50 Ω	
Channel Frequency Spread	38 Mhz	40 Mhz
Dimensions (W x H x D), Projections not Included	Radio Only 54 x 122 x 30.1mm with KNB-29N 54 x 122 x 42mm	
Weight (net)	Radio Only 180 g with KNB-29N 380 g	
	*-10 ℃ ~+60 ℃ When KNB-29N in use	

	TK-2217	TK-3217
RECEIVER (Measurements made per TIA/EIA-603)		
Sensitivity (12dB SINAD)	Wide 0.25 μ V Narrow 0.28 μ V	
Selectivity	Wide 70 dB Narrow 60 dB	
Intermodulation Distortion	Wide 65 dB Narrow 60 dB	
Spurious Response	70 dB	
Audio Output (8 Ω impedance)	500 -mW with less than 5% distortion	
TRANSMITTER (Measurements made per TIA / EIA-603)		
RF Output Power	High 5 W Low 1 W	
Spurious Response	65 dB	
Type of Emission	Wide 16KΦF3E Narrow 11KΦF3E	
FM HUM & Noise	Wide 45 dB Narrow 40 dB	
Audio Distortion	Less than 5 %	

★以上各項規格各國稍有不同KENWOOD基於精益求精的精神，保留任何更改的權利，若有更改恕不通知。

Applicable MIL-STD & IP 規格表

Standards	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	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	IP54/55			
*To meet MIL 810 and IP grade, the 2-pin connector cover has to be connected.				

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