

RM-05E

Professional VHF/UHF Vehicle Transceiver



- **256 Programmable Channels with Channel Name Tag**
- **Programmable Front Buttons**
- **5 tone/ 2 tone/ DTMF Signaling**
- **Voice Componder**
- **Emergency Feature**
- **ANI Function**
- **Optional Country Specific Software**
- **Optional Data Transmission**
- **Optional Bluetooth**

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SPECIFICATIONS

General	
Frequency Range	66-88MHZ, 136-174MHZ 400-470MHZ
Frequency Spacing	12.5KHZ/25KHZ
Number of Channel	250 channels + CALL Channel
Antenna Impedance	50Ω Imbalance
Frequency Stability	±2.5ppm
Microphone Sensitivity	10mV±3dB
Regulate Voltage	DC 13.8V ±15% (11.7-15.8)
Current	Transmit: about 6.5A
	Receive: about 700mA (Max.)
	300mA (squelch the noise)
Working Temperature	-20°C ~+55°C(+4° F~+131°F)
Grounding	Negative
Size	165(W)*43(H)*167(D)mm
Weight	about 1.2kg

Transmitter	
Output Power	25W(66-88KHz)/ 60W(VHF) / 40W(UHF)
Modulation Type	F3E
Spurious Radiation	≤-36dBm
Max. Freq. Deviation	≤ ±2.5KHz (N)
Audio Response	+1~-3dB @6dB per octave

Receiver	
Circuit Type	Double Conversion Superheterodyne
Sensitivity	≤ 0.25uV (12dB SINAD)
Intermediate Frequency	1st: 45MHz, 2nd: 455KHz
Audio Power	Max.4.0 W (4Ω 10% Distortion)
Hum Noise	≥-36dB @12.5KHz
Intermodulation	≥ 65dB

* Testing procedure by ETSI 300 086

NOTE: No further advise for changing the specification

Accessories

