



RM-03N

Professional VHF/UHF Vehicle Transceiver



**250 programmable memorized channels + CALL
channel with alphanumeric channel name tag**

5 tone/ 2 tone/ DTMF signaling

Compander to reduce noise

CTCSS/DCS group scan

Car alarm and alert

ANI function

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What An Excellent Radio!

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RM-03N PROFESSIONAL VEHICLE TRANSCEIVER

SPECIFICATIONS

General	
Frequency Range	66-88MHz/ 136-174MHz 400-470MHz
Frequency Rate	12.5KHz/25KHz
Number of Channels	250 channels + CALL Channel
Antenna Impedance	50Ω Imbalance
Frequency Stability	±5ppm
Microphone Impedance	2 k ohm
Regulate Voltage	DC 13.8V ±15% (11.7-18.5)
Current	Transmit: about 9A
	Receive: about 600mA (Max.)
	400mA (squench the noise)
Working Temperature	-10°C ~+60°C(+14° F-+140°F)
Grounding	Negative
Size	165(W)*43(H)*167(D)mm
Weight	about 1.2kg

Transmitter	
Output Power	50W/25W(High) 10W (Medium) 5W(Low)
Modulation	FM
Residual Radiation	60dB or below
Max. Freq. Deviation	± 2.5KHz (Narrow band mode)
Audio Response	+1~-3dB

Receiver	
Circuit	Double-change Transceiver
Sensitivity	0.25uV (12dB SINAD)
IF Frequency	1ST: 38.85MHz, 2ND: 450KHz
Audio Power	Max.4.0 W (8Ω 5% distortion)
Hum Noise	-45dB @12.5KHz
Intermodulation	75dB

* Testing procedure by EIA 603

NOTE: No further advise for changing the specification

Standard Accessories

Microphone



(optional)

Microphone



with DTMF keypad

DC power cable with fuse holder



Mobile installing bracket



Black screws
(M4*8mm) 4-pcs



Metal Washer
4-pcs



Tapping Screws
(M5*20mm) 4-pcs



Hexagonal nut
(M5) 4-pcs



Spare Fuse
2-pcs



Microphone
mounting hook

