



RPT-03N

**Professional
VHF/UHF
Back To Back Repeater**

- **250 programmable memorized channels + CALL channel, the channels can be marked with letter and digits**
- **Four different single-tone pulse frequencies**
- **CTCSS/DCS decode and encode.**
- **Compander to reduce noise**
- **CTCSS/DCS group scan**
- **Car alarm and alert**
- **ANI function**

REXON[®]
What An Excellent Radio!



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RPT-03N Back To Back Repeater

SPECIFICATIONS

General	
Frequency Range	66-88/136-174/400-470MHz
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: less then 8A
	Receive: less then 1A
Working Temperature	-10°C ~+60°C(+14° F--+140°F)
Grounding	Negative
Size	289(W)*396(H)*243(D)mm
Weight	about 10kg

Transmitter	
Output Power	25W / 50W at Antenna part of duplexer
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	0.35uV (12dB SINAD)
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)

DUPLEXER



(OPTIONAL)

CASE



(OPTIONAL)

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