



DMR Repeater

With two TDMA mode 2 slots
Integrated heat sink and back panel fan
Digital and Analog combined



MD-8500

With two TDMA mode 2 slots

Integrated heat sink and back panel fan
The smart detection of analog and digital signals in single channel
Sharing a channel with multiple groups
Bright, clear LED indicate
Automatic voltage and temperature protection
Improved audio quality
Support for third-party duplexer built-in

General	Transmitter	Receiver
Frequency range	56-58/136-174 300-350/400-490MHz	RF Power Output
Channel Capacity	100	25W/50W
Frequency stability	2.5ppm	Frequency modulation
Channel Spacing	12.5KHz/25KHz	16KΦ3E/11KΦ3E(Analog) 4FSK(Digital)
Operating Temperature	-30℃~+60℃	Reference Sensitivity (Analog)
Operating Voltage	13.6V DC ± 20% AC 100-250V 50/60Hz	0.35μV/-112dBm (12 dB SINAD) 0.22μV/-120dBm(Type)
Dimension	133mm x 483mm x 330mm	Reference Sensitivity (Digital)
Weight	16kg	0.22μV/-120dBm 0.35μV/-116dBm
		Adjacent channel Selectivity ETSI:
		600B@12.5KHz 750B@20/25KHz
		Inter-modulation ETSI:
		75dB
		Spurious Response Rejection
		70 dB
		Rated Audio Output
		0.5W
		FM Noise
		45dB@25KHz 40dB@12.5KHz
		Rated Audio Distortion
		≤3%



Application scope:
Public Security, Transportation,
Taxi, Bus and Auto Club



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