

Specification

General

Frequency range	VHF: 136 ~ 174MHz, UHF1: 400 ~ 470MHz UHF2: 450 ~ 520MHz, 350M: 350 ~ 400MHz
Channel spacing	12.5KHz / 20KHz / 25KHz
Operating temperature	- 30°C ~ +60°C
Operating voltage	DC 13.8V+20% Optional: AC 100-250V 50/60Hz
Channel capacity	64
Static level	IEC 61000-4-2 (level 4)
Dimension(HWD)	44 x 482.6 x 450mm
Weight	11.2kg

Transmission part

Frequency stability	±0.5ppm
Output power	VHF: 45W / UHF: 40W
Signal-to-noise ratio	-40dB@12.5KHz, -45dB@20KHz/25KHz
Conducted spurious	-36dBm@<1GHz, -30dBm@>1GHz
Adjacent channel power	-60dB@12.5KHz, -70dB@20KHz/25KHz
Modulation	12.5KHz: 11KΦF3E 25KHz: 16KΦF3E
Modulation frequency deviation	2.5KHz@12.5KHz . 4KHz@20KHz/5KHz@25KHz
4FSK digital modulation	12.5KHz (Data) : 7K60FXD 12.5KHz (Data + Voice) : 7K60FXE

Reception part

Analog sensitivity	<0.30μV (12dB SINAD)
Digital sensitivity	<0.30μV (5%BER)
Intermodulation	TIA603: 75dB ETSI: 75dB
Adjacent channel selectivity	TIA603: 70dB@12.5 KHz / 75dB @20/25 KHz ETSI: 70dB@12.5 KHz / 75dB@20/25 KHz
Audio distortion	<3%
Audio response	+1dB, -3dB

Standard Accessories



Power cable



User manual



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ET-R98D

DMR Digital Repeater

- ◎ 1U Compact design
- ◎ Excellent heat dissipation
- ◎ Digital and analog automatic detect
- ◎ Remote monitoring and diagnosis
- ◎ Digital encryption
- ◎ IP port interconnection
- ◎ Back-to-back voice cross-connect
- ◎ Single call, group call, all call
- ◎ Remote stun, wake up, kill
- ◎ DTMF signaling telephone connection