



MD-V990-EG

Digital Walkie-talkie

- Contacts :500k
- Use Time-Division Multiple-Access
- (TDMA)DIGITAL FUNCTION
- Dual time slot for repeater
- Dual time slot for point to point
- Firmware upgradeable
- Lone worker
- Color LCD display
- Transmit interruption
- Private call match (Promiscuous)
- Compatible with Mototrbo Tier I & II
- Single call, group call and al call
- Analog and digital combined
- Remote kill/stun and activate
- Comply with digital protocol ETSI TS 102 361-1,-2,-3
- Up to 5000 channels
- Group call match (Promiscuous)



Specification

MD-V990-EG

GENERAL	
Frequency Range(MHz)	136-174MHz
Channel	5000 channels
Frequency Stability	±1ppm
Operating Voltage	7.4V
Channel Spacing	12.5KHz
Battery Type	Li-ion
Antenna inpedence	50Ω
Battery capacity	3600mAh standard Li-ion battery
Operating Temperature	30°C~+60°C
Storage Temperature	-40°C~+85°C
Audio Output Power	≤1000mW@162
Dimensions(WxHxD)	131x61x36mm
Weight	258g

TRANSMITTER	
Output power	High:5W Low:1W
Frequency Stability	±1.0PPM
Adjacent Channel Power	≤-60dB
Free Time Slot Power	TDMA:≤57dBm
Hum and Noise	-40dB @12.5kHz
Spurious Radiation	Antenna:9KHz-1GHz ≤-36dBm 1GHz-12.75GHz ≤-30dBm
FM Modulation Mode	12.5KHz:11KOF3E
4FSK Digital Mode	12.5KHz(data only):7K60FXD 12.5KHz(data +voice):7K60FXE
Modulation Maximum Deviation	2.5KHz @12.5KHz
Nonactive Slot	-57dBm
Digital Protocol	ETSITS 102 361-1-2 -3
Vocoder Type	AMBE+2TM
Audio Response	+1dB~-3dB
Modulation BER(Bit Error Rate)	≤5%

RECEIVER	
Analog sensibility	0.2uV @12dB (SINAD)
Digital sensibility	0.25uV(BER 5%)
Adjacent Ch. selectivity	≤60Db @ 12.5KHz
Spurious Response	≥70dB
Intermodulation	≤60dB
Rated audio power	1W
Audio response	=1dB~-3dbB
Rated audio distortion	<5%
FM Noise	>45dB@25KHz>40Db@12.5KHz

BATTERY	
Average Battery Life	5/5/90 duty cycle with carrier squelch and transmitter in high power4
Li-ion(3600mAh Type C) Battery	Analogue:12 hrs Digital:15.2hrs

STANDBY	
Standby time	40 hours
Standby curren	0-100MA

Accessory



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More optional accessories please refer to our
 website:www.tyt888.com

