



MD-680-EG

Waterproof Transceiver

- Remote Monitor
- Lone Worker
- Firmware Update
- Private/Group/All call
- 5W output power
- IP67 Waterproofed
- Battery saving function
- End-tone elimination
- low battery prompt
- Programmable side key
- Talk around
- PC programming protection
- High/low power selective
- TOT
- Busy channel lock
- Wide/narrow bandwidth selective



MD-680-EG Use Time-Division Multiple-Access (TDMA) digital technology

Main Functions

- Wide/narrow bandwidth selective
- Remote Monitor
- Lone Worker
- 5W output power
- low battery prompt
- Private/Group/All call
- Built In CTCSS/DCS
- IP67 Waterproofed
- Compatible with Mototrbo Tier1 & Tier2
- Up to 16 Channels
- End-tone elimination
- low battery prompt
- Programmable side key
- Talk around
- PC programming protection
- High/low power selective
- TOT
- Busy channel lock

General		Receiver		Transmitter	
Frequency range	136-174MHZ	Frequency range	136-174MHZ	Frequency range	136-174MHZ
More frequency available	256	Channel spacing	12.5KHZ	Channel spacing	12.5KHZ
Working voltage	7.2 V	Frequency stability	+/- 1.0ppm	Frequency stability	+/- 1.5ppm
Working temperature	-30℃~+60℃	Analog sensibility	0.35uV/-116dBm(20dB SINAD)	TX power	Low: 1W High: 5 W
Storage temperature	-40℃~+85℃	Digital sensibility	0.22uV/-120dBm(Typical)	FM noise	-40dB @12.5KHZ
Continuous working time	Anglog: 15 hours; Digital: 25 hours	Digital sensibility	0.3uV/-117.4dBm(BER5%)	Spurious emission	<-36dBm@1GHZ, >-30dBm@1G
Battery capacity	2200Mah	Spurious response	0.7uV/-110dBm(BER1%)	Adjacent channel selectivity	-60dB @12.5KHZ
		Spurious response	TIA603C: 65dB ETSI:65dB	FM modulation mode	12.5KHZ:11 F 0 F 3 E
		Adjacent channel selectivity	TIA603C: 60dB@12.5KHZ ETSI: 60dB@12.5KHZ	4FSK digital modulation mode	12.5KHZ(data only):7K60FX
		Spurious response suppression	TIA603C: 70dB ETSI:70dB	Modulation limit	12.5KHZ(data+voice):7K60FX
		Receiving spurious emissions	< -57dBm@1GHZ, >-47dBm@	Audio response	2.5KHZ@12.5KHZ
		Blocking	84dB	Rated audio distortion	+1dB ~-3dB
		Rated audio power	1W	Digital protocol	ETSITS102361-1,-2,-3
		Audio response	+1dB ~-3dB	Vocoder type	AMBE+2TM
		Rated audio distortion	≤3%		

Application scope:

Tourism, entertainment, restaurant, hotel, shopping hall Government, Police, public security

Standard Accessories



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