

Ricetrasmittitore portatile dual mode analogico-digitale in banda VHF (136-174 MHz) E UHF (400-480 MHz) a standard ETSI DMR in tecnologia TDMA. Modello con display e tastiera completa.

TYTERA realizza prodotti DMR racchiudendo compattezza ed efficienza con bassi consumi ed ottime prestazioni. Il design compatto ed il funzionamento intuitivo rendono questi dispositivi DMR compagni ideali per comunicazioni radio Affidabili.

Tytera

MD-380

DMR Digital two-way portable radio



Digital mode, single call,
group call, all call function

- Remote kill/stun/activate
- Voice prompt
- Power-on protection
- Color LCD display
- Priority scan
- Encryption function
- Built-in CTCSS/DCS
- Up to 1000 channels



MD-380

Use Time-Division Multiple-Access (TDMA) digital technology

Remote kill/stun/activate

Voice prompt

Power-on protection

Color LCD display

Text messages in digital mode,

Encryption function

Built-in CTCSS/DCS

Up to 1000 channels

Priority scan

Complying with digital protocol ETSI TS 102 361-1, -2, -3

Compatible with Mototro Tier I & II

DTMF decoding and encoding

Updated software available for new features

Private call, group call, all call in digital mode.

Operate in both Digital & Analogue mode, allows easily migrate from analog to digital.

Provide clearer voice communications in digital mode, throughout the coverage area.

General	
Frequency range	VHF: 136-174MHz UHF: 400-470MHz
Channel	1000 Channels
Channel Spacing	12.5KHz
Operating Voltage	7.5V
Battery Type	Li-ion
Operating Temperature	-30°C +60°C
Store Temperature	-40°C +85°C
Antenna Impedence	50Ω
Audio Output Power	< 1000mW@16Ω
Battery capacity	1700mAh standard Li-ion battery
Dimension(H*W*D)	
Weight	

Transmitter	
Output power	High: ≤5W (HI) Low: ≤1W (Low)
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: 11K0F3E
4FSK Digital Mode	12.5KHz(data only): 7K0F0D 12.5KHz(data+voice): 7K0F0E
Modulation Maximum Deviation	2.5KHz@12.5KHz
Nonactive Slot Power	≤57dBm
Digital Protocol	ETSI TS 102 361-1 -2 -3
Vocoder Type	AMBE+2TM
Audio Response	+1dB~-3dB
Modulation BER(Bit Error Rate)	≤5%

Receiver	
Analog sensibility	0.35uV/-116dBm(20dB SINDA) 0.22uV/-120dBm(Type)
Digital sensibility	0.3uV/-117.4dBm (BER 5%) 0.22uV/-110dBm (BER 1%)
Co-channel Rejection	> -12dB
Adjacent Channel Selectivity	TIA603C:65dB ETSI:60dB
Spurious Response	TIA603C:75dB ETSI:70dB
Rated audio power	1W
Audio response	=1dB~-3dB
Rated audio distortion	3%(Type)
Spurious Radiation	Antenna: 9KHz-1GHz ≤-57dBm 1GHz-12.75GHz ≤-47dBm



Functions and specifications	
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Channel spacing: 12.5KHz	Channel spacing: 12.5KHz
Operating voltage: 7.5V	Operating voltage: 7.5V
Battery type: Li-ion	Battery type: Li-ion
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Storage temperature: -40°C ~ +85°C	Storage temperature: -40°C ~ +85°C
Antenna impedance: 50Ω	Antenna impedance: 50Ω
Audio output power: < 1000mW@16Ω	Audio output power: < 1000mW@16Ω
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Tutti i prodotti **TYTERA** da noi distribuiti sono conformi alle normative CE



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