



MD11 40W DMR & ANALOG MOBILE TWO-WAY RADIO



Clear Audio Quality, Strong Anti-interference



Voice Prompt

The radio actually talks to you in a human-like voice. You will hear the prompt spoken in plain relative language.

Digital Encryption

Some radios have encryption built in so that other radio operators cannot listen in to your communications.

Talk Around

A radio communicates through a repeater to bypass it and communicate directly to the radio on the other end of the connection instead.

Private Call/Group Call/All Call

Private Call allows a radio user to place a call to just one user, Group Call provides voice call service in a group.

Radio Check

If activated, this feature allows you to determine if other radios are active on the system without disturbing the radio user.

Time & Date

It displays the current date and time on radio.

SMS

This feature allows you to send SMS text messages to other people in the group.

Remote Monitor

This feature can secretly and remotely monitor the voice activities around a certain walkie-talkie device without notification.

SPECIFICATION

General		Receiver	
Frequency Range	Version A:136-174 MHz Version B:400-480 MHz	Sensitivity(Analog)	0.35μV/-116dBm(20dB SINAD) 0.22μV/-120dBm
Channel Capacity	1024	Selectivity(Digital)	0.35μV/-117.4dBm(BER 5%) 0.7μV/-110dBm(BER 1%)
Zone	64	Adjacent Channel Selectivity	TIA603C: 65dB@12.5KHz ETSI:65dB@12.5KHz
Antenna connector type	SO-239	Inter Modulation Response Rejection	TIA603C: 65dB ETSI:65dB
Channel Spacing	Digital:12.5kHz Analog:12.5/25KHz	Rated Audio Power Output	5W
Frequency Stability	±1PPM	Rated Audio Distortion	≤5%
Antenna Impedance	50Ω	Co-channel Rejection	12dB@12.5KHz
Operating Voltage	13.8V DC±15%	Block	84dB
Dimensions (ex ant, H×W×D)	171x191x59 mm		
Weight	About 1120g		
Transmitter			
Output Power	40W/25W		
Analog FM Modulation	12.5 kHz: 11K0F3E 25 kHz: 16K0F3E		
Digital 4FSK Modulation	12.5 kHz data:7K60FXD 12.5 kHz data&voice:7K60FXW		
Modulation Limiting	2.5KHz@12.5KHz		
FM Hum & Noise	-40dB@12.5KHz		
Adjacent Channel Power	-60dB@12.5KHz		
Audio Response	+1dB~-3dB		
Modulation Distortion	≤5%		
Digital Vocoder Type	AMBE++		
Digital Protocol	ETSI TS 102 361-1,2,3		

All specifications are subject to change without notice due to continuous development.

ACCESSORIES

STANDARD ACCESSORIES



ES006



CM0006



CM0010



LS006



410801002



410602006

OPTIONAL ACCESSORIES



TM002



TM003



LP012



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Threads



Name Card

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