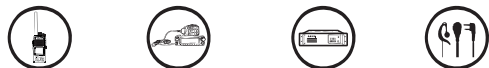


AAHHi

www.AAHHi.com
Professional Two-Way Radio Manufacturer



MA13 50W ANALOG MOBILE TWO-WAY RADIO



High Reliability, Long Range Communication

ANALOG



Dual Band

Radios with Dual Band capability can transmit and receive on both UHF and VHF radio bands.



Power-On Password

A power-on password can be a login password. Once it's set, without it you will be unable to turn on your radio or login system smoothly.



Voice Prompts

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



Reverse Frequency

Reverse works by swapping the two frequencies. The transmit and receive frequencies of the active channel are exchanged or reversed.



Noise Reduction

Noise reduction is the process of removing noise from a signal, in order to improve background sound quality to be clearer.



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.



NOAA Weather Alerts

This feature will give you the latest NOAA weather information delivered to your radio real-time.



MDC1200

It uses short bursts of 1200 baud AFSK data to perform functions like PTT-ID and Selective Calling.

SPECIFICATION

General	
Frequency Range	TX FM:136-174 MHz
	FM:400-480 MHz
	RX FM:136-615.9975 MHz
	AM:108-135.9975 MHz
Channel Capacity	1000
Antenna connector type	SO-239
Channel Spacing	12.5/25kHz
Frequency Stability	±5PPM
Antenna Impedance	50Ω
Operating Voltage	13.8 V DC ±15%
Dimensions (ex ant, H×W×D)	144×189×45 mm
Weight	About 1075g
Transmitter	
Output Power	50W/25W/5W(144MHz)@13.8V 45W/25W/5W(435MHz)@13.8V
Analog FM Modulation	F3E/F2D/F2A
Audio Response	+3dB ~ -3dB
Modulation Distortion	≤5%
Carrier Frequency Tolerance	±5KHz@25KHz ±2.5KHz@12.5KHz
Spurious Radiation	≤-60dB
Microphone Impedance	2KΩ
Data Jack	10KΩ
Adjacent Channel Power	≥70 dB@25K ≥60 dB@12.5K
Transmit Signal to Noise Ratio	≥40 dB@25K; ≥36 dB@12.5K
Receiver	
Sensitivity	≤0.60uV@12dB SINAD(108-136MHz, AM)
	≤0.18uV@12dB SINAD(136-174MHz, FM)
	≤0.80uV@12dB SINAD(174-222MHz, FM)
	≥0.80uV@12dB SINAD(222-300MHz, FM)
	≥0.80uV@12dB SINAD(300-400MHz, FM)
	≤0.18uV@12dB SINAD(400-480MHz, FM)
	≤0.25uV@12dB SINAD(480-616MHz, FM)
Adjacent Channel Selectivity	12KHz/30KHz(-6/60db)
Squelch Sensitivity	≤0.158uV
Rated Audio Power Output	≤4W@8Ω
Audio Frequency Impedance Output	4-16Ω

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

ACCESSORIES

STANDARD ACCESSORIES



ES003



CM0003



CM0007



CM0010



LS003



LL001

STANDARD ACCESSORIES



410602003



410801001



TM002



TM003



LP008

OPTIONAL ACCESSORIES



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Threads



Name Card

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