

AAHHi

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Professional Two-Way Radio Manufacturer



MA12 25W DUAL BAND MOBILE RADIO



Noise Reduction, Dual-band VHF/UHF coverage

ANALOG



Dual Band

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



Hands-free VOX

This hands-free feature allows you to get on with other manual tasks while you stay in touch with other users.



Offset

Offset is the difference between a radio channel's receive and transmit frequencies.



CTCSS/DCS

CTCSS uses continuous tones below 300 Hz whereas DCS uses digital data and all encoded words can be used on the same channel without interference.



Comandor

This feature can help improve signal-to-noise ratio, reduce the background noise and obtain good audio quality at the receiver.



Scrambler

A technology is used to scramble communications to prevent other radio users in the vicinity from listening to your conversations.



1750Hz

1750Hz is used to connect to the repeater.



Noise Reduction

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

SPECIFICATION

General			
Frequency Range	Version A:136-174 & 400-480MHz Version B:220-260 & 400-480MHz		
Channel Capacity	240		
Antenna connector type	SO-239		
Channel Spacing	12.5/25kHz		
Frequency Stability	±2.5PPM		
Operating Voltage	13.8 V DC±15%		
Operating Temperature	-20 C +50 C		
Dimensions (ex ant, H×W×D)	102×124×40 mm		
Weight	About 444g		
Transmitter		Receiver	
Output Power	25W/10W(VHF); 20W/8W(UHF)	Sensitivity(Analog)	≥0.2μV@25K; ≥0.14μV@12.5K
Analog FM Modulation	12.5 kHz: 11K0F3E 25 kHz: 16K0F3E	Adjacent Channel Selectivity	≥70dB@25K; ≥60dB@12.5K
Adjacent Channel Power	≥70 dB@25K ≥60 dB@12.5K	Inter Modulation Response Rejection	≥65dB@25K; ≥60dB@12.5K
Audio Response	+1dB ~ -3dB	Rated Audio Power Output	≥2W±10%
Modulation Distortion	≤5%	Rated Audio Distortion	≤5%
Carrier Frequency Tolerance	±5KHz@25KHz ±2.5KHz@12.5KHz	Received Signal To Noise Ratio	≥45 dB@25K; ≥40 dB@12.5K
Transmit Signal to Noise Ratio	≥40 dB	\	\
Parasitic Harmonics	≥60 dB	\	\

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

ACCESSORIES

STANDARD ACCESSORIES



ES002



CM0002



CM0009



LS002



410801001



410602002

OPTIONAL ACCESSORIES



TM002



TM003



LP008



AAHHi

Quanzhou AAHHi Electronics Co., Ltd.

Address: No.886 Jiangan Hi-Tech Industrial Park,
Licheng, Quanzhou, Fujian, China

Tel / What's App: +86-136-59707018 Post: 362005

Email: info@aaahi.com Https://www.aaahi.com



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Threads



Name Card

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