

# AAHHi

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Professional Two-Way Radio Manufacturer



## MA15 40W ANALOG VEHICLE TWO-WAY RADIO



### High Signal Stability, Clear Audio Quality

ANALOG

#### Power Adjustable

This feature allows you to switch between high and low power modes on the radio(40W/35W/30W/25W).

#### Auto Power Off

In order to extend the life of the battery, when activated, these radios will automatically turn off when they are inactive for a period of time.

#### Channel Alias

Allows the user to give each channel a user defined name.

#### DTMF

DTMF is a technology that uses a combination of tones to perform a number of useful signaling operations.

#### 10 Programming Keys

You can program or assign to perform a user specific function. Personalize the required functions for convenient and quick operation.

#### 5-Tone

Similar to 2-tone, the 5-Tone is used to enable alerts, alarms, send IDs, and many other functions.

#### Reverse Frequency

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

#### 1000/1450/1750/2100Hz

1000/1450/1750/2100Hz is used to connect to the repeater.

## SPECIFICATION

General	
Frequency Range	Version A:136-174 MHz Version B:220-260 MHz Version C:400-490 MHz
Channel Capacity	100(NM)/200(CH)
Antenna connector type	SO-239
Channel Spacing	12.5/25kHz
Frequency Stability	±2.5PPM
Antenna Impedance	50Ω
Operating Voltage	13.8V DC±15% (optional 24V)
Dimensions (ex ant, H×W×D)	140×192×41 mm
Weight	About 1053g
Transmitter	
Output Power	40W/35W/30W/25W
Analog FM Modulation	16KΦF3E(25KHz);11KΦF3E(12.5KHz)
Adjacent Channel Power	≥70dB(25KHz); ≥60dB(12.5KHz)
Signal-to-Noise Ratio	≥40dB(25KHz); ≥36dB(12.5KHz)
Carrier Frequency Tolerance	±5KHz@25KHz ±2.5KHz@12.5KHz
Spurious and Harmonics	≥60dB
Audio Distortion	≤5%
Microphone Impedance	600Ω
Receiver	
Sensitivity	≤0.25uV@12dB SINAD(25KHz) ≤0.35uV@12dB SINAD (12.5KHz)
Adjacent Channel Selectivity	≥70dB(25KHz); ≥60dB(12.5KHz)
Inter Modulation Response Rejection	≥65dB@25K; ≥60dB@12.5K
Audio Response	+1~-3dB
Received Signal To Noise Ratio	≥45 dB@25K;≥40 dB@12.5K
Rated Audio Distortion	≤5%
Rated Audio Power Output	≥2W@8Ω±10%

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

## ACCESSORIES

### STANDARD ACCESSORIES



ES005



CM0005



CM0010



LS005



410801001



410602005

### OPTIONAL ACCESSORIES



TM002



TM003



LP010



# AAHHi

Quanzhou AAHHi Electronics Co., Ltd.

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

Tel / What's App: +86-138-59707018 Post: 362005

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



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Threads



Name Card

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