

# AAHHi

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Professional Two-Way Radio Manufacturer



## MA14 60W ANALOG MOBILE TWO-WAY RADIO



### High Reliability, Long Range Communication

ANALOG

#### Power Adjustable

This feature allows you to switch between high and low power modes on the radio(60W/35W).

#### 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.

#### Offset

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

#### NOAA Weather Alerts

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

#### Reverse Frequency

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

#### 1750Hz

1750Hz is used to connect to the repeater.

## SPECIFICATION

General	
Frequency Range	Version A:136-174 MHz Version B:400-490 MHz Version C:500-560 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	24V DC ±15%
Current	TX (Max) ≤-13A RX (2W Output) ≤-1A
Dimensions (ex ant, H×W×D)	145×190×47 mm
Weight	About 2150g
Transmitter	
Output Power	60W/35W
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
Audio Distortion	≤3%
Microphone Impedance	600Ω
Receiver	
Sensitivity	≤0.20uV@12dB SINAD(25KHz) ≤0.25uV@12dB SINAD (12.5KHz)
Adjacent Channel Selectivity(-6dB)	≥12KHz(25KHz) ≥10KHz(12.5KHz)
Squelch Sensitivity	≤0.1uV
Audio Distortion	≤5%
Rated Audio Power Output	≥2W@8Ω
Audio Frequency Impedance Output	8Ω

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

## ACCESSORIES

### STANDARD ACCESSORIES



ES004



CM0004



CM0010



410602004



410602008



LS004

### OPTIONAL ACCESSORIES



TM002



TM003



LP013



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Threads



Name Card

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