

# AAHHi

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Professional Two-Way Radio Manufacturer



## A74 10W MULTI BAND PORTABLE RADIO



### Ultra Wide Frequency, Rugged and Powerful

#### Wireless Bluetooth Finger PTT

This radio that is Bluetooth Capable supports a wireless Bluetooth device, such as standard package included BT finger PTT, BT audio headset ect.

#### Dual Band

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

#### Repeater Capable

These radios are capable of being used with a repeater station, which can greatly increase your communications range and reliability.

#### 5 Programming Keys

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

#### Type-C Charging Interface

The Type-C charging interface is so simple usage by specifying cables having identical plugs on both ends, which can be inserted without concern about orientation.

#### Built-in Flashlight

These two way radios have a built-in flashlight function to provide you with light at night or in dark environments.

#### DTMF

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

#### FM Broadcast Radio

This two-way radio is also capable of receiving normal FM broadcasts.



ANALOG

## SPECIFICATION

General			
Frequency Range	<b>Zone A:</b> RX:108-480MHz TX:136-174MHz & 400-480MHz	<b>Zone B:</b> RX:18-620MHz & 840MHz-1GHz TX:136-174MHz & 400-480MHz	
Channel Spacing	12.5/25kHz		
Frequency Stability	±500Hz		
Antenna Impedance	50Ω		
Operating Voltage	DC 7.7V		
Battery Capacity	3000mAh		
Battery Life(5-5-90 Duty Cycle,High TX Power)	20 hours		
Dimensions (ex ant, H×W×D)	138*58*35 mm		
Weight	About 350g		
Transmitter		Receiver	
Output Power	10W/5W/1W	Sensitivity(Analog)	0.25 μV@12dB SINAD
Analog FM Modulation	ΦF2D/F3E	Selectivity(Digital)	/
Digital 4FSK Modulation	/	Adjacent Channel Selectivity	≥65dB
Conducted/Radiated Emission	< -30dBm [ < 1 GHz]; < -25dBm [ > 1 GHz ]	Inter Modulation Response Rejection	≥55dB
Modulation Limiting	±2.5K@12.5kHz; ±5K@25kHz	CSQ Hum & Noise	<-45 dB@25K; <-40 dB@12.5K
FM Hum & Noise	<-45 dB@25K; <-40 dB@12.5K	Rated Audio Power Output	≤1000mW
Adjacent Channel Power	≤-65 dB@25K ≤-60 dB@12.5K	Rated Audio Distortion	≤5%
Audio Response	+1dB ~ -3dB	Conducted Spurious Emission	< -57 dBm [ < 1 GHz ]; < -47 dBm [ > 1 GHz ]
Modulation Distortion	≤5%	Co-channel Rejection	≥-8dB
Digital Vocoder Type	/	Block	UHF:≥84dB VHF:≥80dB
Digital Protocol	/	Received Signal To Noise Ratio	<-45 dB@25K; <-40 dB@12.5K
Carrier Frequency Tolerance	±500Hz		

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

## ACCESSORIES

### STANDARD ACCESSORIES



TP018



BP004  
(3000mAh)



CC018



LC006



PP1011

### OPTIONAL ACCESSORIES



BP005  
(4000mAh)



LP008



EE010



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Threads



Name Card

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