

AAHHi

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Professional Two-Way Radio Manufacturer



A41 ANALOG LICENSE-FREE WALKIE TALKIE



Simple, Pocket-sized, Cost-effective



ANALOG

Voice Prompt

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

Hands-free VOX

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

Compandor

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

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.

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.

Call Tone

Call tones allow you to transmit a tone to other radios in your group to alert them that you want to talk.

Keypad Tone

Pressing a single key of keypad produces a sound to remind that you already successfully press this key.

Wide/Narrow Band

Narrowband takes up less frequency space and lowers the chance for interference, wideband channels can carry more infos but require more power.

SPECIFICATION

General			
Frequency Range	400-470MHz		
Channel Capacity	32		
Zone Capacity	/		
Channel Spacing	12.5/25kHz		
Frequency Stability	±800Hz		
Antenna Impedance	50Ω		
Operating Voltage	DC 3.7V		
Battery Capacity	1600mAh		
Battery Life(5-5-90 Duty Cycle, High TX Power)	16 hours		
Dimensions (ex ant, H×W×D)	134(H)*48(W)*37(D) mm		
Weight	About 122g		
Transmitter		Receiver	
Output Power	H: >1W@3.7V L: >0.3W@3.7V	Sensitivity(Analog)	-123dBm@12dB SINAD
Analog FM Modulation	8KΦF3E	Selectivity(Digital)	/
Digital 4FSK Modulation	/	Adjacent Channel Selectivity	≥65dB
Conducted/Radiated Emission	< -33dBm [< 1 GHz]; < -30dBm [> 1 GHz]	Inter Modulation Response Rejection	≥55dB
Modulation Limiting	< 2.5KHz@12.5KHz	CSQ Hum & Noise	< -40 dB@12.5K
FM Hum & Noise	< -40dB@12.5K	Rated Audio Power Output	≤1000mW
Adjacent Channel Power	≤-60dB	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	≥84dB
Digital Protocol	/	Received Signal To Noise Ratio	< -40dB@12.5K
Carrier Frequency Tolerance	±800Hz		

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

ACCESSORIES

STANDARD ACCESSORIES



BL006



CC004



LC002

OPTIONAL ACCESSORIES



PP1001



LP006



EE002



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



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Threads



Name Card

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