



A35 2W COMPACT & LIGHTWEIGHT RADIO



Type-C Easy to Charge and Use

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.

Comandor

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.

Frequency Hopping

Frequency hopping is a method of transmitting radio signals by rapidly switching the carrier between different frequency channels.

Scrambler

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

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.



ANALOG

SPECIFICATION

General	
Frequency Range	400-470MHz
Channel Capacity	16
Zone Capacity	/
Channel Spacing	12.5/25kHz
Frequency Stability	±500Hz
Antenna Impedance	50Ω
Operating Voltage	DC 3.7V
Battery Capacity	900mAh
Battery Life(5-5-90 Duty Cycle, High TX Power)	8 hours
Dimensions (ex ant, H×W×D)	91*54*24mm
Weight	About 103g

Transmitter		Receiver	
Output Power	2W/0.5W	Sensitivity(Analog)	-122dbm
Analog FM Modulation	F3E	Selectivity(Digital)	/
Digital 4FSK Modulation	/	Adjacent Channel Selectivity	≥60dB
Conducted/Radiated Emission	< -36dBm [< 1 GHz]; < -30dBm [> 1 GHz]	Inter Modulation Response Rejection	≥60dB
Modulation Limiting	±5kHz	CSQ Hum & Noise	< -40 dB
FM Hum & Noise	< -45 dB	Rated Audio Power Output	≥350mW
Adjacent Channel Power	≤-65 dB	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	≥-45dB
Carrier Frequency Tolerance	±500Hz		

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

ACCESSORIES

STANDARD ACCESSORIES



BL012



CC021



PP1013



LC008

OPTIONAL ACCESSORIES



LP007



EE006



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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