

AAHHi

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Professional Two-Way Radio Manufacturer



A37 2W VOICE-PROMPT ANALOG RADIO



Portable, Clear Voice and Versatile



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.

Combandor

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.

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	2000mAh
Battery Life(5-5-90 Duty Cycle, High TX Power)	18 hours
Dimensions (ex ant, H×W×D)	116*62*35mm
Weight	About 153g

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	< -45 dB
Carrier Frequency Tolerance	±500Hz		

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

ACCESSORIES

STANDARD ACCESSORIES



BP007



CC022



PC1013

OPTIONAL ACCESSORIES



LP007



EE006



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Threads



Name Card

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