



A33 2W EASY TO USE WALKIE TALKIE



Compact, Lightweight, Security

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.



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) | 92*56*24mm |
| Weight | About 98g |

| 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



CC020



PP1013



LC008

OPTIONAL ACCESSORIES



LP007



EE006



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Name Card

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