



A29 10W LONG RANGE ANALOG RADIO



High-performance and Reliable

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.

DTMF

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

Wireless Cloning

Wireless cloning allows you to easily copy radio settings from one radio (the master) to all other radios within range without the use of wires or cables.

Scrambler

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

Easy Pairing

This radio has a fast frequency measurement and decoding function, easy to talk with other radios.



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 7.4V
Battery Capacity	2500mAh
Battery Life(5-5-90 Duty Cycle, High TX Power)	15 hours
Dimensions (ex ant, H×W×D)	127×61×41 mm
Weight	About 295g

Transmitter		Receiver	
Output Power	10W/5W	Sensitivity(Analog)	≤0.2μV@12dB SINAD
Analog FM Modulation	16K0F3E	Selectivity(Digital)	/
Digital 4FSK Modulation	/	Adjacent Channel Selectivity	≥60dB
Conducted/Radiated Emission	< -30dBm [< 1 GHz]; < -25dBm [> 1 GHz]	Inter Modulation Response Rejection	≥60dB
Modulation Limiting	±2.5kHz @12.5 kHz ±5kHz @ 25kHz	CSQ Hum & Noise	< -40 dB
FM Hum & Noise	< -40 dB	Rated Audio Power Output	≤1000mW
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	< -40 dB
Carrier Frequency Tolerance	±500Hz		

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

ACCESSORIES

STANDARD ACCESSORIES



TP016



BR010



CC017



PC2008



PP1009

OPTIONAL ACCESSORIES



LP007



EE006



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