

AAHHi

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Professional Two-Way Radio Manufacturer



A30 10W WATERPROOF ANALOG RADIO



IP67 Long Range & Waterproof

IP67 Waterproof

This two way radio with IP67 has when exposed to various elements.

Hands-free VOX

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

Busy Channel Lockout

This feature keeps communication lines open by preventing radios from listening or transmitting through conversations outside their talkgroup.

Scrambler

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

Comandor

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

Easy Pairing

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

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.

Built-in Flashlight (Optional Paid Feature)

These two way radios have a built-in flashlight function to provide you with light at night or in dark environments.



ANALOG

SPECIFICATION

General		Receiver	
Frequency Range	400-470MHz	Sensitivity(Analog)	≤0.16μV@12dB SINAD
Channel Capacity	16	Selectivity(Digital)	/
Zone Capacity	/	Adjacent Channel Selectivity	≥60dB
Channel Spacing	12.5/25kHz	Inter Modulation Response Rejection	≥60dB
Frequency Stability	±500Hz	CSQ Hum & Noise	<-40 dB
Antenna Impedance	50Ω	Rated Audio Power Output	≤1000mW
Operating Voltage	DC 7.4V	Rated Audio Distortion	≤5%
Battery Capacity	2500mAh	Conducted Spurious Emission	<-57 dBm [< 1 GHz] ; <-47 dBm [> 1 GHz]
Battery Life(5-5-90 Duty Cycle, High TX Power)	15 hours	Co-channel Rejection	≥-8dB
Dimensions (ex ant, H×W×D)	137×61.5×41.3 mm	Block	≥84dB
Weight	About 336g	Received Signal To Noise Ratio	<-40 dB
Transmitter			
Output Power	10W/5W		
Analog FM Modulation	16KΦF3E		
Digital 4FSK Modulation	/		
Conducted/Radiated Emission	<-30dBm [< 1 GHz] ; <-25dBm [> 1 GHz]		
Modulation Limiting	±2.5kHz @12.5 kHz ±5kHz @ 25kHz		
FM Hum & Noise	<-40 dB		
Adjacent Channel Power	≤-65 dB		
Audio Response	+1dB ~ -3dB		
Modulation Distortion	≤5%		
Digital Vocoder Type	/		
Digital Protocol	/		
Carrier Frequency Tolerance	±500Hz		

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

ACCESSORIES

STANDARD ACCESSORIES



TP012



BR011



CC016



PC2009



PP1006

OPTIONAL ACCESSORIES



FT001



LP009



EE007



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Threads



Name Card

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