



A71 4W UV ANALOG PORTABLE RADIO



High-performance, User-friendly



ANALOG

Dual Band

Radios with Dual Band capability can transmit and receive on both UHF and VHF radio bands.

Priority Scanning

During the scanning process, the set priority channel is scanned first.

Voice Prompt

The radio actually talks to you in a human-like voice. You will hear the prompt spoken in plain relative language.

Offset

Offset is the difference between a radio channel's receive and transmit frequencies.

Reverse Frequency

Reverse works by swapping the two frequencies. The transmit and receive frequencies of the active channel are exchanged or reversed.

Frequency Hopping

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

Noise Reduction (Optional Paid Feature)

Noise reduction is the process of removing noise from a signal, in order to improve background sound quality to be clearer.

FM Broadcast Radio (Optional Paid Feature)

This two-way radio is also capable of receiving normal FM broadcasts.

SPECIFICATION

General	
Frequency Range	136-174 & 400-480 MHz
Channel Capacity	2*250
Zone Capacity	2
Channel Spacing	12.5/25kHz
Frequency Stability	±500Hz
Antenna Impedance	50Ω
Operating Voltage	DC 7.4V
Battery Capacity	1800mAh
Battery Life(5-5-90 Duty Cycle, High TX Power)	14 hours
Dimensions (ex ant, H×W×D)	110.2(H)*56(W)*38.3(D)mm
Weight	About 190g

Transmitter		Receiver	
Output Power	4W/1W	Sensitivity(Analog)	-124dBm@12dB SINAD
Analog FM Modulation	ΦF3E	Selectivity(Digital)	/
Digital 4FSK Modulation	/	Adjacent Channel Selectivity	> 60 dB @ 12.5 kHz > 65 dB @ 25 kHz
Conducted/Radiated Emission	< -30dBm [< 1 GHz]; < -25dBm [> 1 GHz]	Inter Modulation Response Rejection	≥55dB
Modulation Limiting	±2.5K@12.5kHz; ±5K@25kHz	CSQ Hum & Noise	<-45 dB@25K; <-40 dB@12.5K
FM Hum & Noise	<-45 dB@25K; <-40 dB@12.5K	Rated Audio Power Output	≤1000mW
Adjacent Channel Power	≤-65 dB@25K ≤-60 dB@12.5K	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	UHF:≥84dB VHF:≥80dB
Digital Protocol	/	Received Signal To Noise Ratio	<-45 dB@25K; <-40 dB@12.5K
Carrier Frequency Tolerance	±300Hz		

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

ACCESSORIES

STANDARD ACCESSORIES



OPTIONAL ACCESSORIES



AAHHi

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