



A72 8W UV ANALOG PORTABLE RADIO



Long Range, Clear Voice, Versatile



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
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	2200mAh
Battery Life(5-5-90 Duty Cycle, High TX Power)	11 hours
Dimensions (ex ant, H×W×D)	133(H)*61(W)*40(D)mm
Weight	About 280g

Transmitter		Receiver	
Output Power	H: >8W@7.4V L: >3W@7.4V	Sensitivity(Analog)	-124dBm@12dB SINAD
Analog FM Modulation	ΦF3E	Selectivity(Digital)	/
Digital 4FSK Modulation	/	Adjacent Channel Selectivity	≥65dB
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	±500Hz		

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

ACCESSORIES

STANDARD ACCESSORIES



TP003



BP001
(2200mAh)



CC003



PC2002



PP1002

OPTIONAL ACCESSORIES



BP002
(2800mAh)



LP001



EE001



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