



A46 10W UV ANALOG HANDHELD RADIO



High-performance, Clear Voice, Long Range



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.



NOAA Weather Alerts

This feature will give you the latest NOAA weather information delivered to your radio real-time.



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.



ANALOG

SPECIFICATION

General	
Frequency Range	136-174 & 400-480
Channel Capacity	2*250
Zone Capacity	2
Channel Spacing	12.5/25kHz
Frequency Stability	±1.5ppm
Antenna Impedance	50Ω
Operating Voltage	DC 7.4V
Battery Capacity	2200mAh (optional 2800mAh)
Battery Life(5-5-90 Duty Cycle, High TX Power)	15 hours
Dimensions (ex ant, H×W×D)	133(H)*61(W)*40(D) mm
Weight	About 280g

Transmitter		Receiver	
Output Power	10W/5W	Sensitivity(Analog)	-123dBm@12dB SINAD
Analog FM Modulation	12.5 kHz: 11K0F3E 25 kHz: 16K0F3E	Selectivity(Digital)	/
Digital 4FSK Modulation	/	Adjacent Channel Selectivity	≤-65dB@12.5KHz
Conducted/Radiated Emission	< -30dBm [< 1 GHz] ; < -25 dBm [> 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@16Ω
Adjacent Channel Power	≤-60dB@12.5KHz	Rated Audio Distortion	≤5%
Audio Response	+1dB ~ -3dB	Conducted Spurious Emission	≥ 57dB
Modulation Distortion	≤5%	Co-channel Rejection	≥-12dB
Digital Vocoder Type	/	Block	≥84dB
Digital Protocol	/	Received Signal To Noise Ratio	<-45 dB@25K; <-40 dB@12.5K
Carrier Frequency Tolerance	±1.5ppm		

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

ACCESSORIES

STANDARD ACCESSORIES



TP003

BP001

CC003

PC2002

PP1002

OPTIONAL ACCESSORIES



BP002

LP001

EE001



AAHHi

Quanzhou AAHHi Electronics Co., Ltd.

Address: No.886 Jiangan Hi-Tech Industrial Park,
Licheng, Quanzhou, Fujian, China

Tel / What's App: +86-138-59707018 Post: 362005

Email: info@aaHHi.com Https://www.aahHi.com



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