

blackbox™

2-way radios



IP54 (Water Resistant)

4 Watts - UHF, 5 Watts - VHF

16 Channels with Scan

2-Tone Encode / Decode

VOX (Voice activated)

Voice Enunciation for each channel.

Programmable Button (VOX, Announce Battery Power, or Emergency Alert)

High/Low Power Switchable

Busy Channel Lockout

All-Metal Chassis

Time-out Timer (TOT)

Priority Scan

50 CTCSS, 104 CDCSS

**Audio Connector:
Dual Pin (Motorola)**



Specifications

General

Frequency Range	UHF:430-470MHz VHF: 136-174MHz
Channel Capacity	16 (15+S)
Channel Spacing	25.0kHz / 12.5kHz
Frequency Stability	±2.5PPM
Operating Temperature	-25~+55°C
Antenna Impedance	50Ω
Operation Voltage	7.4V
Dimension	(W×H×D) 2.165" × 4.37" × 1.26"
Weight (w/antenna & battery)	232g or 8.2 oz
Battery	1300mAh(Li-ion Battery)

Transmitter

RF Power (H/L)	UHF: 4W/1W VHF: 5W/1W
Modulation Type	16kΦF3E/ 8kΦF3E
Modulation Limiting	±5kHz / ±2.5kHz
FM Distortion	≤5%
Residential FM	-45dB / -40dB
Adjacent Channel Power	-70dB / -60dB
Spurious & Harmonics	≤-30dBm

Receiver

Sensitivity	0.22uV/ 0.25uV
Adjacent Channel Selectivity	70dB/60dB
Intermediation Reject Ratio	65dB
Spurious Response Reject Ratio	70dB
S/N	45dB/ 40dB
Audio Power Output	>750mW
Audio Distortion	≤5%

The ALL-NEW + Series

Includes:

- Accessory Clamp
- 1,300 mAh Li-ion Battery (optional 2200mAh Battery is also available)
- Rapid Rate Charger
- Belt Clip
- Antenna
- User Manual



Data Sheet #140
www.HeadsetUSA.com