



CIGNUS Radio

UV-85+

QUICK SPECIFICATION:

 **≥5 Watts**
RF Power

 **2500mAh**
Battery Capacity

 **999**
Channels

AVAILABLE IN



Dualband
VHF & UHF
(136-174MHz & 400-470MHz)



TECHNICAL SPECIFICATION

GENERAL

Frequency range	VHF: 136MHz - 174MHz UHF: 400MHz - 470MHz
Memory channels	999
Frequency stability	+2.5ppm
Operating temperature	-20°C to +60°C
Operating Voltage	7.4V (Li-ion)
Antenna Impedance	50

TRANSMITTER

RF power	≥5w
Audio distortion	≤5%
Maximum Deviation	≤5.0KHz
Spurious emission	≤65dB
Transmitting Current	≤1500mA

RECEIVER

Receiver sensitivity	0.2uV(W)
Intermodulation	≥65dB
Receiving Current	≤380mA
Audio distortion	5%