



CIGNUS Radio

V85pro

QUICK SPECIFICATION:



5 Watts
RF Power



2000mAh
Battery Capacity



128
Channels

AVAILABLE IN



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

TECHNICAL SPECIFICATION

GENERAL

Frequency range	VHF: 136MHz - 174MHz UHF: 400MHz - 470MHz
Memory channels	128
Frequency stability	±2.5ppm
Antenna impedance	50Ω
Operating temperature	-20°C to +60°C
Rated Voltage	DC 7.4V Li-ion Battery

TRANSMITTER

RF power	5w
Modulation Type	F3E
Maximum Deviation	≤5.0KHz(W), ≤2.5KHz(N)
Spurious Radiation	≤7.5 WdB
Modulation Sensitivity	8-12mV
Transmitting Current	≤1500mA

RECEIVER

Sensitivity(12dB SINAD)	0.2uV(W)
Audio Power	1w
Audio Distortion	≤5%
Spurious Response	≥60dB
Receiving Current	≤380mA