



CIGNUS Radio

V85pro+

QUICK SPECIFICATION:



5 Watts
RF Power



1500mAh
Battery Capacity



16
Channels

AVAILABLE IN



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

TECHNICAL SPECIFICATION

GENERAL

Frequency range	VHF: 136MHz - 174MHz UHF: 400MHz - 470MHz
Memory channels	16
Frequency stability	+2.5ppm
Operating temperature	-20°C to +60°C
Operating Voltage	7.4V DC
Antenna Impedance	50

TRANSMITTER

RF power	5w
Audio distortion	≤5%
Spurious Emission	≤65dB
Maximum Deviation	≤5KHz / ≤2.5KHz
Transmitting Current	≤1500mA

RECEIVER

Receiver sensitivity	≤0.2uV (W) / ≤0.25uV (N)
Intermodulation	≥65dB
Audio Distortion	5%
Spurious Response	≥60dB
Receiving Current	≤380mA

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