



CIGNUS Radio

S80pro

QUICK SPECIFICATION:



5 Watts
RF Power



1500mAh
Battery Capacity



16
Channels

AVAILABLE IN



VHF

Very High Frequency
(136-174MHz)



UHF

Ultra High Frequency
(400-470MHz)



350MHz

Ultra High Frequency
(350-390MHz)

TECHNICAL SPECIFICATION

GENERAL

Frequency range	VHF: 136MHz - 174MHz UHF: 400MHz - 470MHz 350MHz: 350 - 390MHz
Memory channels	16
Frequency stability	+2.5ppm
Antenna impedance	50Ω
Operating temperature	-30°C to +60°C
Operating Voltage	7.4V

TRANSMITTER

RF power	5w
Maximum Deviation	±2.5kHz
Spurious Radiation	<-60dB
Transmitting Current	1300mA / 1500mA

RECEIVER

Receiver sensitivity	<0.2uV(12dB SINAD)
Intermodulation	65dB
Audio Power	450mW
Squelch Sensitivity	.15u

Slim Design

**Programmable
Side Key**