



CIGNUS Radio

XT-1

QUICK SPECIFICATION:



2 Watts
RF Power



1500mAh
Battery Capacity



16
Channels

AVAILABLE IN



UHF

Ultra High Frequency
(400-470MHz)



TECHNICAL SPECIFICATION

GENERAL

Frequency range	UHF: 400-470MHz
Memory channels	16
Frequency stability	+2.5ppm
Operating temperature	-20°C to +50°C
Operating Voltage	3.7V DC
Antenna Impedance	50

TRANSMITTER

RF power	2w
Pre Emphasis Character	6dB per Octave
Spurious Emission	≤-60dB
Maximum Deviation	≤+5KHz
Transmitting Current	≤1000mA

RECEIVER

Receiver sensitivity	≤0.16uV (12 dB SINAD)
Squelch Sensitivity	≥65dB
Audio Distortion	≤10%
Spurious Response	≥60dB
Receiving Current	≤380mA