

## 4050 HF SDR General Specifications

TX Frequency Range	1.6MHz – 30MHz
RX Frequency Range	250KHz – 30MHz
Channel Capacity	1000
Frequency Stability	±0.5 ppm (±0.3 ppm optional)
Frequency Resolution	1 Hz tunable receiver
Operating Modes	J3E (USB, LSB) - H2B (AM) - J2A (CW) - CF (Custom Filter)
Filter Bandwidths	Fully Software-Defined standard and custom filter range from 300Hz to 3000Hz and beyond.
Operating Temperature	-30° to +70°, relative humidity 95%, non condensing
Frequency Hopping	5 or 25 hops per second
Supply Voltage	+11V DC or 24V DC operation
Selcall System	Based on CCIR 493-4, 4 and 6 digit systems
ALE Standards	2G & 3G ALE
Current Consumption	350mA standby (muted)
Sensitivity	-121dBm (0.20 µV) for 10dB SINAD
RF Output Power	150W PEP (with 24V supply) 125W PEP (with 12V supply)
Duty Cycle	100% data with fan option
Standards	<p>Designed to meet or exceed:</p> <ul style="list-style-type: none"> <li>- FCC – Part 87</li> <li>- FCC – Part 90</li> <li>- CE#</li> <li>- Australia/New Zealand AS/NZS 4770 2000 and AS/NZS 4582:1999 and AS 60529:2004</li> <li>- EMC and vibration Standard IEC 945#</li> <li>- Designed to meet Mil-STD 810G for temperature, humidity, altitude, shock, vibration and IP54</li> <li>- NTIA#</li> <li>- JITC#</li> </ul>

Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.

# Approval pending