

Cat # C5008 AR8000 Scanning Receiver



*** Specifications subject to change without notice due to continuous development of the receiver. E& OE**

Frequency Range	500kHz to 1900MHz										
Receive Mode	AM, NFM, WFM, USB, LSB, CW										
Frequency Step Size	50, 100, 200, 500Hz. 1, 2, 5, 6.25, 9, 10, 12.5, 20, 25, 30, 50, 100, 200, 250, 500kHz. Any multiple of 50Hz up to 999.995kHz.										
Receive Sensitivity	<table border="0"> <tr> <td>500kHz to 2.0MHz</td> <td>SSB by field signal strength AM by field signal strength</td> </tr> <tr> <td>2.0MHz to 30MHz</td> <td>SSB 1.0uV AM 3.0uV NFM 1.5uV</td> </tr> <tr> <td>30MHz to 1.0GHz</td> <td>SSB 0.25uV AM 1.0uV NFM 0.35uV WFM 1.0uV</td> </tr> <tr> <td>1.0GHz to 1.3GHz</td> <td>NFM 1.0uV</td> </tr> <tr> <td>1.3GHz to 1.9GHz</td> <td>NFM 3.0uV AM/SSB S/N 10db NFM/WFM SINAD 12db</td> </tr> </table>	500kHz to 2.0MHz	SSB by field signal strength AM by field signal strength	2.0MHz to 30MHz	SSB 1.0uV AM 3.0uV NFM 1.5uV	30MHz to 1.0GHz	SSB 0.25uV AM 1.0uV NFM 0.35uV WFM 1.0uV	1.0GHz to 1.3GHz	NFM 1.0uV	1.3GHz to 1.9GHz	NFM 3.0uV AM/SSB S/N 10db NFM/WFM SINAD 12db
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Selectivity	SSB 4.0kHz (-6db), 7.5kHz (-50db) AM/NFM 12kHz (-6db), 25kHz (-60db) WFM 180kHz (-6db), 800kHz (-50db)										
Antenna Impedance	50 ohm BNC										
AF Output (at 4.8V)	120mW (8 ohm) THD 10%										
Power Requirements	4.8V Nicad 6.0V Manganese battery EXT 9.0 to 16.0V dc										
Power Consumption	160mA (nominal) 110mA (stand by) 20mA (power save)										
Memory	Memory channel Pass 50 channel x 20 bank - total 1000 channel : 50 channel x 20 bank - total 1000 Priority channel : One										
Scan/Search Rate	Approx. 30 channels per second (max)										