

EMV

Synthesized FM Mobile Radio

403-470 MHz

114 RF Channels


10 to 40 Watts RF Power



Powerful. Innovative. Rugged and reliable. The Bendix/King EMH 499 0A delivers a 67 MHz operating frequency spread, PC programmability, alphanumeric display, compact size, and built-in CTCSS/CDCSS, Discover Bendix/King®.

Synthesized FM Mobile Radio
 403 -470 MHz
 114 RF Channels
 10 to 40 or 1 to 4 Watts RF Power

EMV

<p>FEATURES</p> <p>Model Number EMV 499 0A</p> <p>Channels 114</p> <p>Code Guard Squelch (CTCSS & CDCSS) INCL.</p> <p>Time Out Timer INCL.</p> <p>Fluorescent Alphanumeric Display INCL.</p> <p>User Select Scan INCL.</p> <p>Priority Scan INCL.</p> <p>Busy Channel Lockout INCL.</p> <p>Busy Channel Indicator INCL.</p>	<p>TRANSMITTER</p> <p>RF Output Power - Watts</p> <p>EMV 499 0A 10 to 40</p> <p>Operating Frequency Spread -MHz 67</p> <p>Modulation 15K0F2D 16K0FXE 16K0F3E</p> <p>Spurious and Harmonics - dB 75</p> <p>Hum and Noise - dB 45</p> <p>Audio Distortion - % 3</p> <p>Output Impedance - Ohms 50</p> <p>Audio Response (per EIA) dB +1/-3</p>																																																																	
<p>GENERAL</p> <p>Frequency Range - MHz 403-470</p> <p>Operating Voltage - Vdc Negative ground 13.6</p> <p>Primary Power Input:</p> <p>Receive @ 13.8V-Amps 1.0</p> <p>Transmit @ 13.6V-Amps 13.0</p> <p>Standby @ 13.8V-Amps .5</p> <p>Operating Temperature - C° -30 TO +60</p> <p>Size W x D x H - inches 6 x 9.38 x 2.12</p> <p>Weight - lbs. 8</p> <p>Stability - PPM ±5</p> <p>Channel Spacing - kHz 25</p> <p>Channel Increments - kHz 12.5</p> <p>Antenna Connector MINI UHF</p>	<p>RECEIVER</p> <p>Sensitivity: 12 dB Sinad - µV .35</p> <p>Frequency Spread - MHz 67</p> <p>Selectivity - dB 75</p> <p>Spurious including Image - dB 80</p> <p>Intermodulation - dB 73</p> <p>Max. Audio Output - Watts (5% dist.) 4</p> <p>Output Impedance - Ohms 50</p> <p>Audio Response (per EIA) dB +1/-3</p> <p>Acoustic Audio Output (per EIA) dB 92</p>																																																																	
<p>FCC Type Acceptance Parts: 22, 74, 90 ASY 90Q LT 30003 Specifications subject to change without notice. Measurements made in accordance with applicable EIA standards.</p> <p>Bendix/King and the Bendix/King logo are registered trademarks of AlliedSignal, Inc., U.S. Patent & Trademark Office. BANDTRAC and CODE GUARD are Trademarks of BK Radio, Inc. © 1993 BENDIX/KING Form# 1193-EMV-LPS</p> <p> BENDIX/KING®</p> <p>BK RADIO, Inc.</p> <p>7505 TECHNOLOGY DRIVE, WEST MELBOURNE, FL 32904 800-648-0947 (407) 984-1414 • Fax (407) 984-0434 www.relm-comm.com</p>	<p>STANDARDS</p> <table border="1"> <thead> <tr> <th>MIL-STD</th> <th>810D</th> <th></th> <th>810E</th> <th></th> </tr> <tr> <th></th> <th><i>Mthd.</i></th> <th><i>Proc.</i></th> <th><i>Mthd.</i></th> <th><i>Proc.</i></th> </tr> </thead> <tbody> <tr> <td>Low Pressure</td> <td>500.2</td> <td>1</td> <td>500.3</td> <td>1</td> </tr> <tr> <td>High Temperature</td> <td>501.2</td> <td>1 & 2</td> <td>501.3</td> <td>1 & 2</td> </tr> <tr> <td>Low Temperature</td> <td>502.2</td> <td>1 & 2</td> <td>502.3</td> <td>1 & 2</td> </tr> <tr> <td>Temp. Shock</td> <td>503.2</td> <td>1</td> <td>503.3</td> <td>1</td> </tr> <tr> <td>Solar Radiation</td> <td>505.2</td> <td>1</td> <td>505.3</td> <td>1</td> </tr> <tr> <td>Humidity</td> <td>507.2</td> <td>2</td> <td>507.3</td> <td>2</td> </tr> <tr> <td>Dust</td> <td>510.2</td> <td>1</td> <td>510.3</td> <td>1</td> </tr> <tr> <td>Vibration</td> <td>514.3</td> <td>1</td> <td>514.3</td> <td>1</td> </tr> <tr> <td>Shock</td> <td>516.3</td> <td>1 & 4</td> <td>516.4</td> <td>1 & 4</td> </tr> <tr> <td>Rain</td> <td>506.2</td> <td>2</td> <td>506.3</td> <td>2</td> </tr> <tr> <td>Salt Fog</td> <td>509.2</td> <td>1</td> <td>509.3</td> <td>1</td> </tr> </tbody> </table> <p>Unit meets U.S. Forest Service vibration and EIA RS-316B vibration and shock specifications.</p>	MIL-STD	810D		810E			<i>Mthd.</i>	<i>Proc.</i>	<i>Mthd.</i>	<i>Proc.</i>	Low Pressure	500.2	1	500.3	1	High Temperature	501.2	1 & 2	501.3	1 & 2	Low Temperature	502.2	1 & 2	502.3	1 & 2	Temp. Shock	503.2	1	503.3	1	Solar Radiation	505.2	1	505.3	1	Humidity	507.2	2	507.3	2	Dust	510.2	1	510.3	1	Vibration	514.3	1	514.3	1	Shock	516.3	1 & 4	516.4	1 & 4	Rain	506.2	2	506.3	2	Salt Fog	509.2	1	509.3	1
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