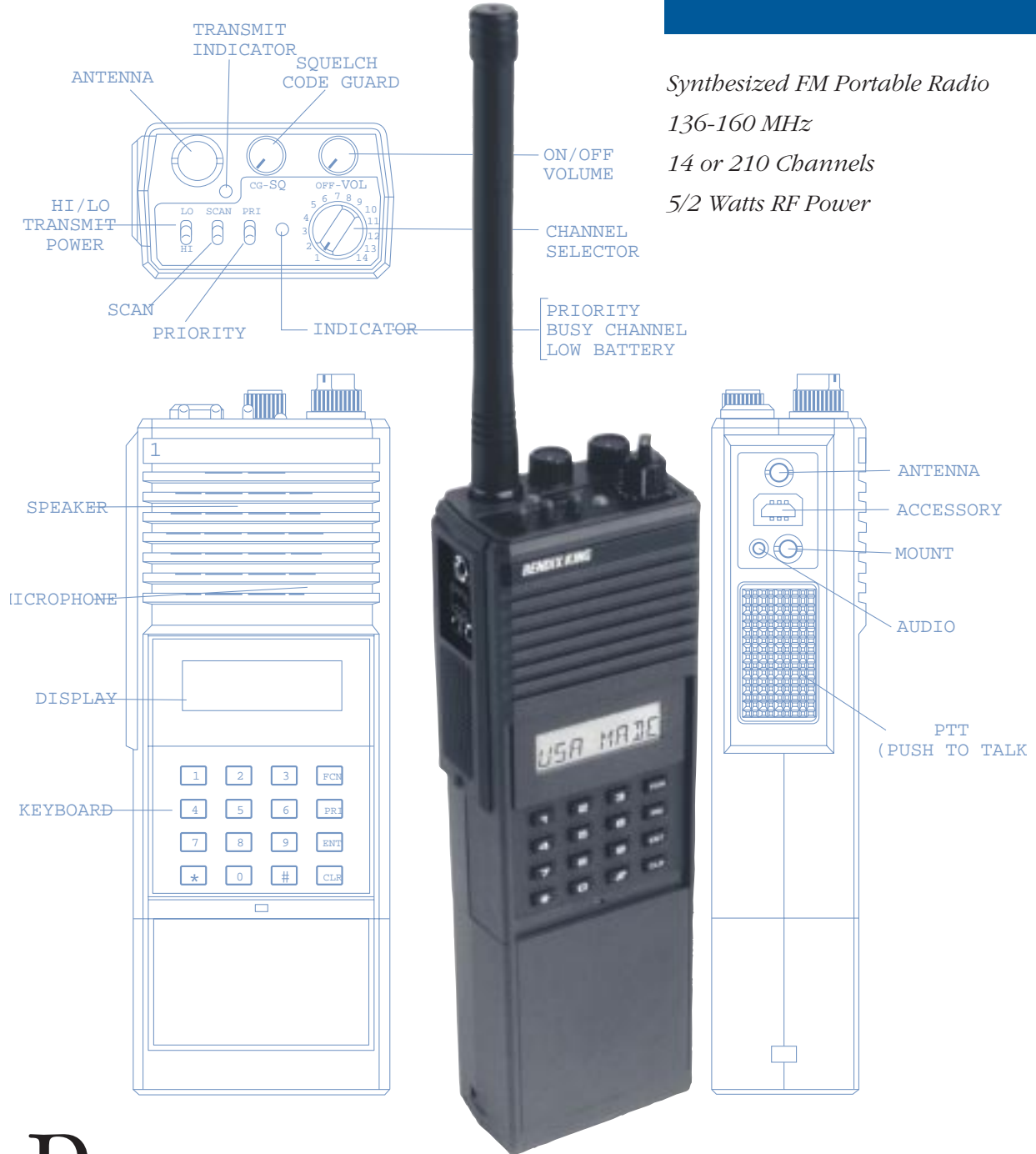


EPI

FLEX•MODE™



Synthesized FM Portable Radio
136-160 MHz
14 or 210 Channels
5/2 Watts RF Power

Powerful. Innovative. Rugged and reliable. The Bendix/King EPI series delivers a 24 MHz operating frequency spread, PC programmability and cloning, ultra-low battery drain and built-in CTCSS/CDCSS. Discover Bendix/King.

Synthesized FM Portable Radio
 136-160 MHz
 14 or 210 Channels
 5/2 Watts RF Power
 Channel Spacing 25/30 kHz, 12.5/15 kHz
 Programmable by channel



MODEL NUMBER	Lexan Metal	EPI 510 1A EPI 510 1M	EPI 510 2S EPI 510 2X																											
Frequency -MHz		136-160	136-160																											
Channels		14	210																											
RF Output - Watts		5/2	5/2																											
Priority Scan		INCL.	INCL.																											
Keyboard		INCL.	INCL.																											
Alphanumeric LCD		--	INCL.																											
DTMF Encode		INCL.	INCL.																											
DTMF ANI		INCL.	INCL.																											
Signalling Options		--	--																											
Battery Life (5 - 5 - 90%)																														
Std. NiCd (LAA 0121) - hrs.		5	5																											
Lrg. NiCd (LAA 0125) - hrs.		12	12																											
Lrg. NiCd (LAA 0105) - hrs.		8	8																											
Channels Increments - kHz		5 or 12.5	5 or 12.5																											
GENERAL	ALL MODELS		* Signalling Options: 2-TONE DECODE, 5-TONE DECODE, SCRAMBLING * Standby Current Drain with Options - mA: 25																											
Operating Voltage	10 V. NOM.		TRANSMITTER <table border="1"> <thead> <tr> <th></th> <th>25/30</th> <th>12.5/15</th> </tr> </thead> <tbody> <tr> <td>Operating Frequency Spread</td> <td>24 MHz</td> <td>24 MHz</td> </tr> <tr> <td>Modulation</td> <td>15K0F2D</td> <td>15K0F3E</td> </tr> <tr> <td></td> <td>16K0F3E</td> <td>16K0F3E</td> </tr> <tr> <td></td> <td>16K0FXE</td> <td>16K0FXE</td> </tr> <tr> <td>Spurious and Harmonics - dB</td> <td>60</td> <td>60</td> </tr> <tr> <td>Hum and Noise - dB (per EIA)</td> <td>43</td> <td>37</td> </tr> <tr> <td>Audio Distortion - %</td> <td>3</td> <td>3</td> </tr> <tr> <td>Audio Response (per EIA) - dB</td> <td>+1/-3</td> <td>+1/-3</td> </tr> </tbody> </table>		25/30	12.5/15	Operating Frequency Spread	24 MHz	24 MHz	Modulation	15K0F2D	15K0F3E		16K0F3E	16K0F3E		16K0FXE	16K0FXE	Spurious and Harmonics - dB	60	60	Hum and Noise - dB (per EIA)	43	37	Audio Distortion - %	3	3	Audio Response (per EIA) - dB	+1/-3	+1/-3
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Audio Distortion - %	3	3																												
Audio Response (per EIA) - dB	+1/-3	+1/-3																												
Tone Code Guard (CTCSS)	INCLUDED																													
Digital Code Guard (CDCSS)	INCLUDED																													
Time Out Timer	INCLUDED																													
Operating Temperature - C°	-30 TO +60																													
Size- W x D x H (in.)	Std. Battery	2.55 x 15. x 6.6																												
	Lrg. Battery	2.55 x 1.5 x 7.8																												
Weight (oz.)	Std. Battery	20																												
	Lrg. Battery	24																												
Standby Current Drain - mA	15*																													
Antenna	HELICAL WOUND																													
Stability - PPM	MOLDED RUBBER FLEX																													
Channel Spacing - kHz	±5																													
	25/30 or 12.5/15																													
STANDARDS	MIL-STD 810																													
	C		D																											
	Mthd.	Proc.	Mthd.																											
			Proc.																											
			Mthd.																											
			Proc.																											
Low Pressure	500.1	1	500.2																											
			1																											
			500.3																											
			1																											
High Temp.	501.1	1 & 2	501.2																											
			1 & 2																											
			501.3																											
			1 & 2																											
Low Temp.	502.1	1	502.2																											
			1 & 2																											
			502.3																											
			1 & 2																											
Temp. Shock	503.1	1	503.2																											
			1																											
			503.3																											
			1																											
Solar Radiation	505.1	1	505.2																											
			1																											
			505.3																											
			1																											
Humidity	507.1	2	507.2																											
			2																											
			507.3																											
			2																											
Dust	510.1	1	510.2																											
			1																											
			510.3																											
			1																											
Vibration	514.2	8 & 10	514.3																											
			1																											
			514.4																											
			1																											
Shock	516.2	1, 2 & 5	516.3																											
			1 & 4																											
			516.4																											
			1 & 4																											
Metal Case models only:																														
Rain	506.1	1&2	506.2																											
			1&2																											
			506.3																											
			1&2																											
Salt Fog	509.1	1	509.2																											
			1																											
			509.3																											
			1																											
Unit meets U.S. Forest Service vibration and EIA RS-316B vibration and shock specifications.																														
			FCC Type Acceptance ASY 90Q LT 20001 Parts: 22, 74, 80, 90																											
			Specifications subject to change without notice.																											
			Measurements made in accordance with applicable EIA standards.																											
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