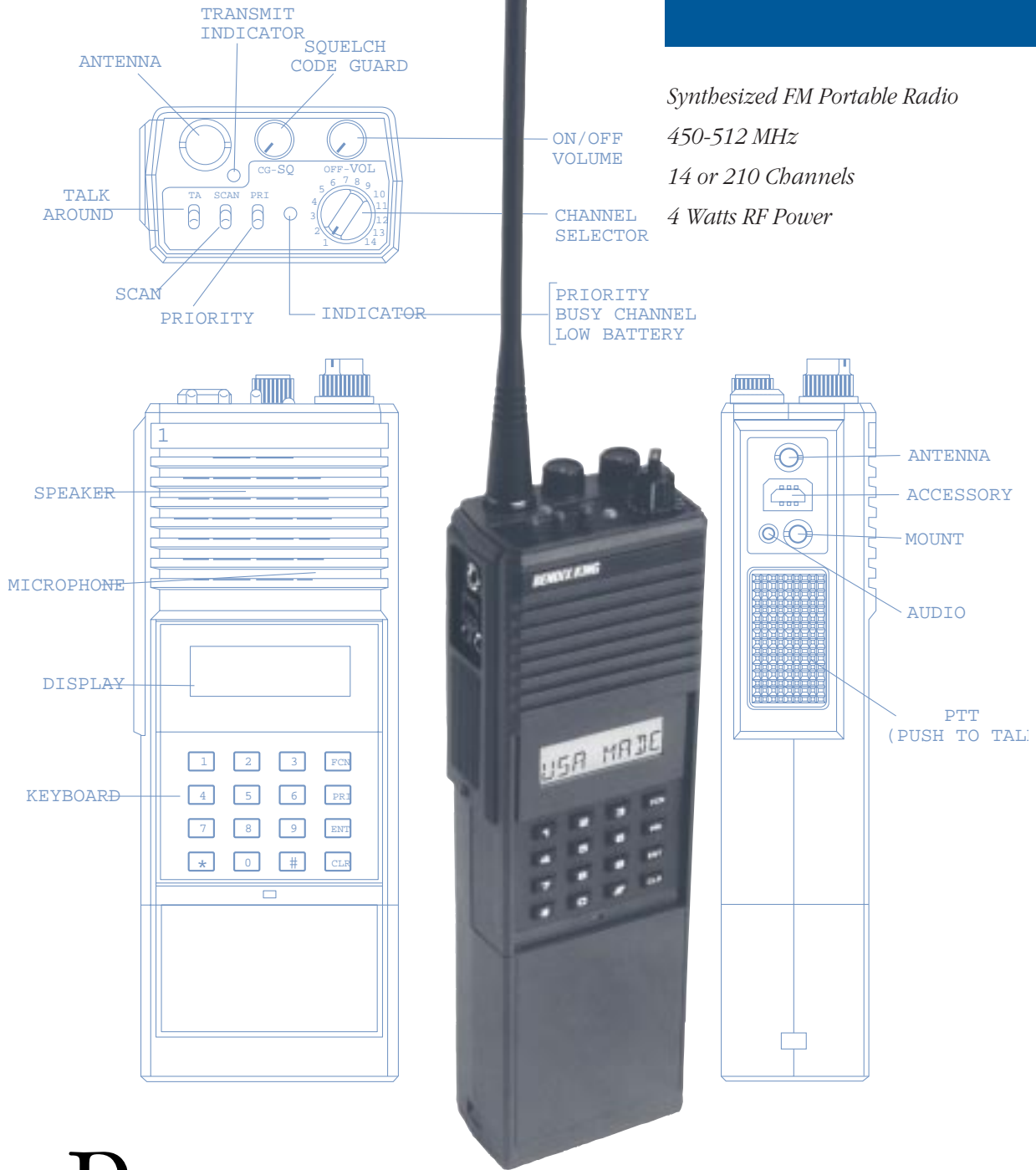


# EPU



*Synthesized FM Portable Radio*

*450-512 MHz*

*14 or 210 Channels*

*4 Watts RF Power*

**P**owerful. Innovative. Rugged and reliable. The Bendix/King EPU series delivers a 62 MHz operating frequency spread, PC programmability and cloning, ultra-low battery drain, and built-in CTCSS/CDCSS. Discover Bendix/King.


Synthesized FM Portable Radio

450-512 MHz

14 or 210 RF Channels

4 Watts RF Power

# EPU

Model Number	<i>Lexan case</i>	EPU 414 0A	EPU 414 2A	EPU 499 2A	EPU 499 SL
	<i>Metal case</i>	EPU 414 0M	EPU 414 2M	EPU 499 2M	EPU 499 SM
Frequency Range - MHz		450-512	450-512	450-512	450-512
Channels		14	14	210	UP TO 196
RF Output - Watts		4	4	4	4
Scan		INCL.	INCL.	INCL.	INCL.
Keyboard		-	INCL.	INCL.	INCL.
Alphanumeric LCD		-	INCL.	INCL.	INCL.
DTMF Encode		-	INCL.	INCL.	INCL.
DTMF ANI		INCL.	INCL.	INCL.	INCL.
Signaling Options		-	-	-	*
Battery Life (5 - 5 - 90%):					
Std. NiCd (LAA 0121) - hrs.		6	6	6	5
Lrg. NiCd (LAA 0125) - hrs.		12	12	12	10
Channel Increments - kHz		12.5/25	12.5/25	12.5/25	12.5/25
GENERAL		ALL MODELS		*Signaling Options: 2-TONE DECODE, 5-TONE DECODE, SCRAMBLING	
Operating Voltage		10 V. NOM.		*Standby Current Drain with Options - mA: 31	
Code Guard Squelch (CTCSS & CDCSS)		INCLUDED		TRANSMITTER	
Multiple Code Guard Squelch		INCLUDED		RF Output Power - Watts	
Time Out Timer		INCLUDED		Operating Frequency Spread -MHz	
Operating Temperature - C°		-30 to +60		Modulation	
Size W x D x H (in.) - Std. Battery		2.55 x 1.5 x 6.6		15K0F2D	
Lrg. Battery		2.55 x 1.5 x 7.8		16K0F3E	
Weight (oz) - Std. Battery		20		16K0FXE	
Lrg. Battery		24		Spurious and Harmonics - dB	
Standby Current Drain - mA		21*		Hum and Noise - dB (companion RX)	
Antenna		BIAS WOUND MOLDED		Audio Distortion - %	
Stability - PPM		±5		Audio Response (per EIA) dB	
Channel Spacing - kHz		25		RECEIVER	
STANDARDS		MIL-STD 810		Sensitivity: 12 dB Sinad - µV	
	C	D	E	Frequency Spread - MHz	
	<i>Mthd.</i> , <i>Proc.</i>	<i>Mthd.</i> , <i>Proc.</i>	<i>Mthd.</i> , <i>Proc.</i>	Selectivity - dB	
Low Pressure	500.1 1	500.2 1	500.3 1	Spurious including Image - dB	
High Temp.	501.1 1 & 2	501.2 1 & 2	501.3 1 & 2	Intermodulation - dB	
Low Temp.	502.1 1	502.2 1 & 2	502.3 1 & 2	Audio Output - mW @ 5% dist.	
Temp. Shock	503.1 1	503.2 1	503.3 1	Audio Response (per EIA) dB	
Solar Radiation	505.1 1	505.2 1	505.3 1	FCC Type Acceptance ASY 90Q LT 30001 Parts: 22, 74, 90	
Humidity	507.1 2	507.2 2	507.3 2	Specifications subject to change without notice.	
Dust	510.1 1	510.2 1	510.3 1	Measurements made in accordance with applicable EIA standards.	
Vibration	514.2 8 & 10	514.3 1	514.4 1	Bendix/King and the Bendix/King logo are registered trademarks of	
Shock	516.2 1, 2, & 5	516.3 1 & 4	516.4 1 & 4	AlliedSignal, Inc., U.S. Patent & Trademark Office. BANDTRAC and	
<b>Metal Case models only:</b>				CODE GUARD are Trademarks of BK Radio, Inc.	
Rain	506.1 1&2	506.2 1&2	506.3 1&2	© 1998 BENDIX/KING Form# 898-EPU-LPS	
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.				<b>BK RADIO, INC.</b> 7505 TECHNOLOGY DRIVE, WEST MELBOURNE, FL 32904 <b>800-648-0947</b> <b>(407) 984-1414 • Fax (407) 984-0434</b> <b>www.relm-comm.com</b>	