EPH

Flex•Mode™

The EPH Portable Radios

The Bendix/King Flex•Mode™ EPH portable radios offer unmatched reliability and long-lasting performance. Flex•Mode™ radios may be programmed by channel and/or group in 12.5/15 KHz and 25/30 KHz channel spacing.

Discover world-class portables for today.

Rely on Flex•Mode™ portables to meet the requirements of tomorrow.

BK RADIO

World Class Radios.™

Synthesized FM Portable Radio
148-174 MHz
14/210 Channels
5/2 Watts RF Power

EPH

FLEX • MODE ™

EPH Model#
EPH51

OPTIONS CODE

OPTIONS	01A	02A	01M	02M	01S	02S	01X	02X
Metal Case			✓	✓			✓	✓
Lexan Case	✓	✓			✓	✓		
Alpha-numeric display		✓		✓		✓		✓
Numeric display	✓		✓		✓		✓	
14 Channels	✓	✓	✓	✓				
210 Channels					✓	✓	✓	✓

ORDER EPH MODEL # + OPTIONS CODE

GENERAL		ALL MODELS
Operating Voltage		10 V. NOM.
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 MOLDED RUBBER FLEX
Stability - PPM		±5

STANDARDS — MIL-STD 810

	C		D		E	
	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 also include:

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.

Channel Spacing	25/30 KHz	12.5/15 KHz
TRANSMITTER		
Operating Frequency Spread	26 MHz	26 MHz
Spurious and Harmonics - dB	60	60
Hum and Noise - dB	43	37
Audio Distortion - %	3	3
Audio Response (per EIA) - dB	+1/-3	+1/-3
Modulation	15K0F2D 16K0F3E 16K0FXE	

RECEIVER		
Sensitivity: 12 dB Sinad - uV	.25	.25
Operating Frequency Spread	26 MHz	26 MHz
Selectivity - dB	72	60
Spurious including Image - dB	75	75
Intermodulation - dB	70	60
Audio Output - mW @ 5% dist.	500	500
Audio Response (per EIA) - dB	+1/-3	+1/-3

FCC Type Acceptance ASY 90Q LT 20002 Parts: 22, 74, 80, 90
Specifications subject to change without notice.
Measurements made in accordance with applicable EIA standards.
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BK RADIO

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