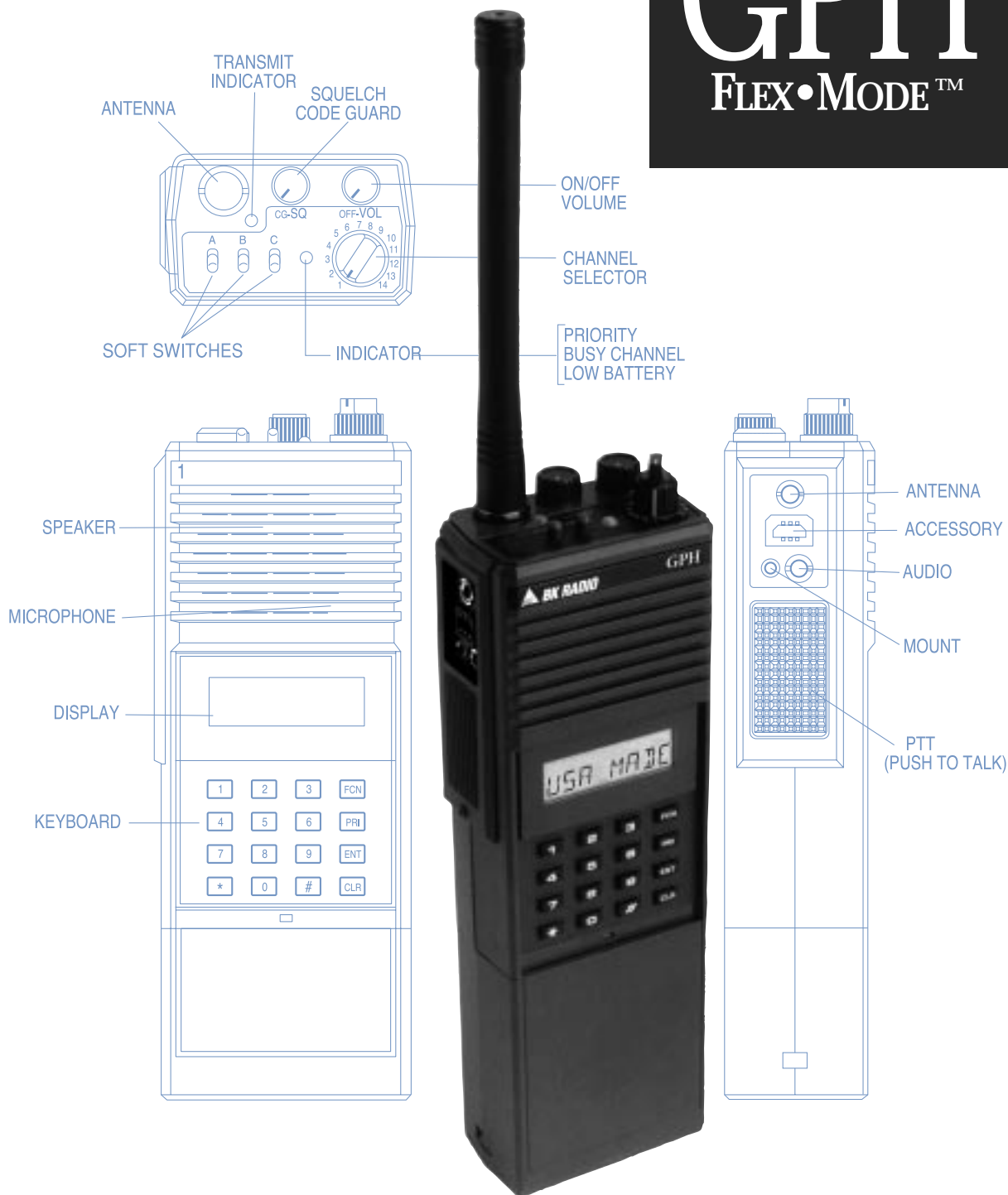


# GPH

FLEX•MODE™



## THE GPH PORTABLE RADIOS

The Bendix/King Flex•Mode™ GPH portable radios offer unmatched reliability and long-lasting performance. Flex•Mode™ 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.



WORLD CLASS RADIOS.™



Synthesized FM Portable Radio  
 148-174 MHz  
 16 or 240 Channels  
 5 or 1.5 Watts RF Power

# GPH

**FLEX•MODE™**

GPH Model#  
 GPH51 (5/2 watts)

OPTIONS CODE

OPTIONS	00A*	00M*	02A	02M	02S	02X
Metal Case		✓		✓		✓
Lexan Case	✓		✓		✓	
Alph numeric Display			✓	✓	✓	✓
16 Channels	✓	✓	✓	✓		
240 Channels					✓	✓

ORDER NUMBER = GPH MODEL# + OPTIONS CODE

GENERAL

Operating Voltage		10 V. NOM.
Dual Priority Scan		INCLUDED
Tone Code Guard (CTCSS)		INCLUDED
Digital Code Guard (CDCSS)		INCLUDED
DTMF Encode		INCLUDED
DTMF ANI		INCLUDED
Time Out Timer		INCLUDED
Nuisance Channel Delete		INCLUDED
TalkBack Scan		INCLUDED
Soft Switch Programming		INCLUDED
Custom Channel Selector Programming		INCLUDED
Operating Temperature - C°		-30 to 60 C°
Standby Current Drain - mA		15
Stability - PPM		± 3.0
Channel Increments - KHz		2.5/6.25
Operating Frequency Spread		26 MHz
Size - W x D x H	Std. Battery	2.55 x 1.5 x 6.6 in.
	Lrg. Battery	2.55 x 1.5 x 7.8 in.
Weight (oz.)	Std. Battery	20
	Lrg. Battery	24
Antenna		HELICAL WOUND MOLDED RUBBER FLEX

TRANSMITTER

	25/30	12.5/15
RF Output - GPH51 (Hi/L0) - W	5/2	5/2
Spurious and Harmonics - dB	60	60 dB
Hum and Noise - dB	43	37 dB
Audio Distortion - %	3	3
Audio Response (per EIA) - dB	+1/-3	+1/-3 dB
Modulation	15K0F2D 16K0F3E 16K0FXE	10K0F3E

RECEIVER

	25/30	12.5/15
Sensitivity: 12 dB Sinad - uV	.25	.25
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 dB	+1/-3

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.

FCC Type Acceptance Pending  
 Specifications subject to change without notice.  
 Measurements made in accordance with applicable EIA standards.  
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