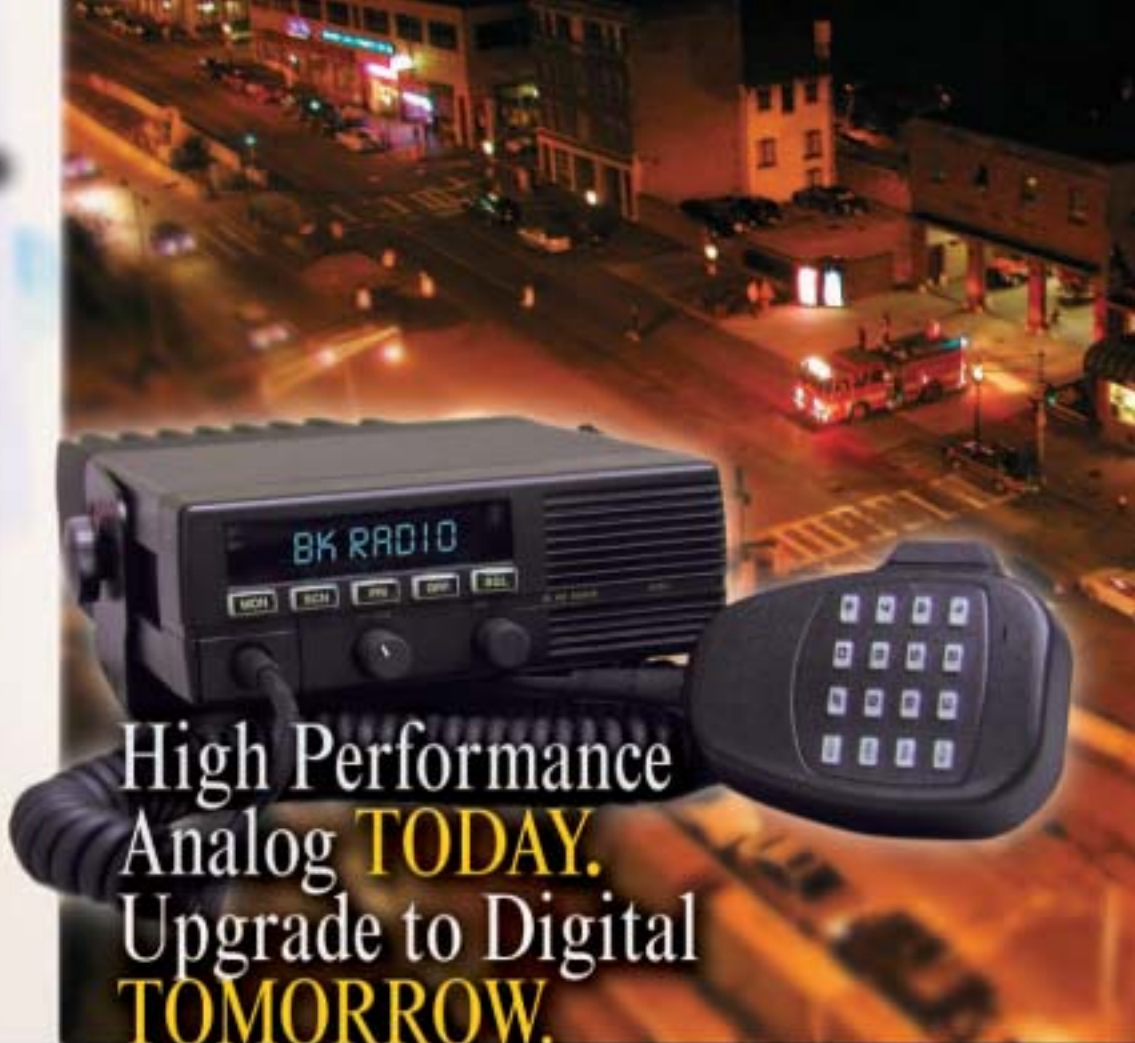


**BK RADIO**

7100 Technology Drive • West Melbourne, FL 32904



High Performance  
Analog **TODAY.**  
Upgrade to Digital  
**TOMORROW.**

**GMH**  
FLEX•MODE™

- 136-174 MHz
- 240 RF Channels
- 15 to 50 Watts RF Power
- Channel Spacing 25/30 kHz  
or 12.5/15 kHz
- Programmable by Channel



# Power and performance in a synthesized FM mobile solution from BK Radio.

## General Specifications:

Channels	240
Enhanced User CG	INCLUDED
Code Guard Squelch (CTCSS & CDCSS)	INCLUDED
Time Out Timer	INCLUDED
Vacuum Fluorescent Alphanumeric Display	INCLUDED
Frequency Display	INCLUDED
User Select Scan	INCLUDED
Dual Priority Scan	INCLUDED
Busy Channel Lockout	INCLUDED
Busy Channel Indicator	INCLUDED
DTMF ANI	INCLUDED
Talk-back Scan	INCLUDED
Interstitial Frequency Capability	INCLUDED
Frequency Range	136-174 MHz
Primary Power Input:	
Receive @ 13.8V	1.0 Amps
Transmit @ 13.6V	16.0 Amps
Standby @ 13.8V	.5 Amps
Operating Temperature	-30TO +60 °C
Size W x D x H	6 x 9.38 x 2.12 in.
Weight (max)	5 lbs.
Stability	+2.5 PPM
Channel Spacing	25/30 and 12.5/15 kHz
Channel Increments	2.5/6.25 kHz
Antenna Connector	MINI UHF

BK Radio Flex•Mode™ GMH mobile radios offer unmatched reliability and long-lasting performance.

## Digital Upgrades

GMH mobile radios from BK Radio may be upgraded to Project 25 compliance. Call us about our aggressive trade-in and upgrade programs for qualifying radios.

## Narrow Band Compatible

Able to operate in Narrow or Wideband by channel.

## Cloneable

GMH models can be cloned from BK Radio VHF portable models including DPH, EPH and LPH.

## Accepts Existing Accessories

GMH radios are compatible with the accessories available for previous BK Radio mobile radios further preserving your investments.

## Mil-std-810 Standards:

	D		E	
	Mthd.	Proc.	Mthd.	Proc.
Low Pressure	500.2	1	500.3	1
High Temp.	501.2	1&2	501.3	1&2
Low Temp	502.2	1&2	502.3	1&2
Temp. Shock	503.2	1	503.3	1
Solar Radiation	505.2	1	505.3	1
Rain	506.2	1&2	506.3	1&2
Humidity	507.2	2	507.3	2
Salt Fog	509.2	1	509.3	1
Dust	510.2	1	510.3	1
Vibration	514.3	1	514.4	1
Shock	516.3	1&4	516.4	1&4

Unit meets U.S Forest Service vibration and TIA/EIA-603-A specifications.

## Transmitter:

	25/30	12.5/15
RF Output Power	15 to 50 Watts	15 to 50 Watts
Operating Frequency Spread	38 MHz	38 MHz
Modulation	16K0FXE	11K0F3E
Spurious and Harmonics	80 dB	80 dB
Hum and Noise (per TIA)	50 dB	dB 45
Audio Distortion	3%	%3
Antenna Output Impedance	50 Ohms	50 Ohms
Audio Response (per EIA)	+1/-3 dB	+1/-3 dB

## Receiver:

	25/30	12.5/15
Sensitivity: 12 dB Sinad	.28 mV	.28 mV
Frequency Spread	38 MHz	38 MHz
Selectivity	75 dB	70 dB
Spurious including Image	80 dB	80 dB
Intermodulation	75 dB	63 dB
Max. Audio Output (5% dist.)	4 Watts	4 Watts
Audio Frequency Load	3.2 Ohms	3.2 Ohms
Input Impedance	50 Ohms	50 Ohms
Audio Response (per EIA)	+1/-3 dB	+1/-3 dB

## Current RELM Federal Contracts

FEDERAL	GSA
BLM-DOI NBC 030003	FEDERAL TECHNOLOGY SERVICES GS06T03BND7002
USFS 54-3187-3-328	INFORMATION TECHNOLOGY SCHEDULE GS35F-0133L

FCC Type Acceptance K95GMH599 Parts 22,74,80,90. Specifications subject to change without notice. Measurements made in accordance with applicable TIA/EIA-603-A standards. © 2004 BK Radio 7003-30962-407 Rev 02-04



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