



BK Radio GMH Plus Mobile Specifications

Specifications

Channels	400
Frequency Range	136-174 MHz
Alphanumeric Display	Vacuum Fluorescent
Current Drain:	
Standby	500 mA
Receive	1.0 A
Transmit	14.0 A
Operating Temperature	-30 to +60 °C
Size W x D x H	6 x 9.38 x 2.12 in.
Weight	5 lbs.
Stability	+/-2.5 PPM
Channel Spacing	25/30 and 12.5/15 kHz
Channel Increments	2.5/6.25 kHz
Antenna	50 Ohm MINI UHF Connector
FCC Type Acceptance	K95DMH599

Transmitter

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

Receiver

Sensitivity: 12 dB Sinad	-118 dBm
Selectivity	75 dB (wide) / 80 dB (narrow)
Spurious including Image	80 dB
Intermodulation	75 dB (wide) / 63 dB (narrow)
Max. Audio Output (5% dist.)	4 Watts
Audio Frequency Load	8 Ohms external
Input Impedance	50 Ohms
Audio Response (per EIA)	+1/-3 dB
RX Audio Output	5 Watts internal / 10 Watts external

Specifications subject to change without notice. Measurements made in accordance with applicable TIA/EIA-603-A and TIA/EIA 102CAA standards.

Making reliable communications affordable

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Included

Tone Code Guard (CTCSS)
Digital Code Guard (CDCSS)
User Selectable Code Guard
Transmit Time-Out Timer
Frequency Display
User Selectable Scan
Dual Priority Scan
TalkBack Scan
Busy Channel Lockout
Busy Channel Indicator
DTMF ANI Encode
Programmable Soft Switches

Options

Upgrade to APCO P25 Flash Utility



BK Radio GMH Plus Mobile



High-performance
analog today –
upgrade to
P25 digital
tomorrow

Making reliable communications affordable





BK Radio GMH Plus Mobile

High-performance analog today – upgrade to APCO P25 digital tomorrow

- 400 RF channels, 25 user groups, 16 channels per group
- 136-174 MHz VHF frequency range
- 15-50 watts programmable RF power
- Programmable soft switches, options, and “Smart-Mic” selections
- Rock-solid reliability – meets tough MIL-STD 810
- Flex-Mode™ per-channel narrowband/wideband channel spacing – 12.5 kHz/15 kHz
- Channel and priority (dual priority) scan, talkback scan, selectable group scanning
- Nuisance channel delete
- Available in alternate configurations – tactical repeater; desktop base station
- Software upgradable to digital, allowing lower-cost migration from analog to full digital APCO P25 capabilities
- Easy to use, easy to program and customize
- Touchpad programming lockouts
- Exceptional audio quality and clarity
- User-selectable CTCSS/CDCSS code guard
- Cloning technology automatically transfers information to GMH Plus mobiles from BK Radio portables, with accept/decline cloning per group
- *FLASH* technology enables future enhancements via software instead of hardware changes
- Dash-mount and remote-mount configurations

Power and performance in a compact package

The BK Radio G Series mobile from RELM Wireless combines proven rock-solid reliability with extreme versatility and ease of use. Each radio can be customized to provide the range of functions you need to meet your specific situation and requirements.

You can upgrade the GMH Plus mobile to full digital capability that meets APCO P25 specifications and requirements – including interoperability – and at a lower cost than buying a new digital mobile. And you can do it in the field via a new *FLASH* utility upgrade.

Its superior design means that functions and features are software-driven, creating inherent efficiencies that result in significant cost savings without compromising or sacrificing quality, performance, reliability, or durability even under the most demanding public safety conditions.

Programming is focused on the practical needs and requirements of the radio user. Despite a wide variety of options, the BK Radio GMH Plus mobiles are always easy to use – a critically important factor in emergency situations.

The GMH Plus mobile units are available in either dash-mount or remote-mount configurations. Additionally, they can be configured to function as a tactical repeater or a desktop base station.

The G Series mobile also has the ability to clone group information from BK Radio portables, including DPH, GPH, EPH and LPH.

Additional economies are realized by using the accessories you already have for other BK Radio units.



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