



BK Radio GPH Plus Portable Radio Specifications

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
- DTMF Encode
- Programmable Soft Switches

Options _____

- Upgrade to APCO P25 Flash Utility

Specifications

General _____

- Channels _____ 400
- Frequency Range _____ 136 - 174 MHz
- Alphanumeric Display _____ LCD
- Current Drain:
 - Standby _____ 20 mA
 - Receive _____ 255 mA
 - Transmit _____ 1.5 A
- Operating Temperature _____ -30 to +60 °C
- Size W x D x H _____ 2.55 x 1.5 x 6.6 in. (Standard Battery)
2.55 x 1.5 x 7.8 in. (Large Battery)
- Weight _____ 20 oz. (Standard Li-Ion)
24 oz. (Large Li-Ion)
- Stability _____ +/-2.5 PPM
- Channel Spacing _____ 25/30 and 12.5/15 kHz
- Channel Increments _____ 2.5/6.25 kHz
- Antenna _____ Helical Wound, Molded Rubber Flex
- FCC Type Acceptance _____ K95DPHX51 Parts 22, 74, 90

Transmitter _____

- RF Output Power _____ 5/2 Watts
- Operating Frequency Spread _____ 38 MHz
- Modulation _____ 16K0FXE, 11K0F3E
- Spurious and Harmonics _____ 60 dB
- Hum and Noise (per TIA) _____ 50 dB (wide) / 45 dB (narrow)
- Audio Distortion _____ 3%
- Antenna Output Impedance _____ 50 Ohms (via side connector)
- Audio Response (per EIA) _____ +1/-3 dB

Receiver _____

- Sensitivity (12dB/20dB SINAD) _____ -119 dBm
- Selectivity _____ 72 dB (wide) / 60 dB (narrow)
- Spurious including Image _____ 75 dB
- Intermodulation _____ 70 dB
- Max. Audio Output (5% dist.) _____ 500 mW
- Audio Frequency Load _____ 8 Ohms
- Input Impedance _____ 50 Ohms (via side connector)
- Audio Response (per EIA) _____ +1/-3 dB

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



Sustaining Member



Making reliable communications affordable

RELM Wireless Corporation
 7100 Technology Drive • West Melbourne, FL 32904
 USA: 800-821-2900 • International: 321-984-1414 • Fax: 800-704-3177
 E-mail: sales@relm.com Website: www.relm.com



BK Radio GPH Plus Portable

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



Making reliable communications affordable





BK Radio GPH Plus Portable

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

- 400 channels, 25 user groups, 16 channels per group
- 136 - 174 MHz frequency range
- 5/2 watts RF power output
- Keypad programmable in the field, programmable soft switches and options, keypad programming lockouts
- Rock-solid reliability – meets tough MIL-STD 810 and approved by the U.S. Forest Service
- Flex-Mode™ per-channel narrowband/wideband channel spacing – 12.5/15 kHz and 25/30 kHz
- Channel and priority (dual priority) scan, talkback scan
- Nuisance channel delete

- Software upgradable to digital, allowing lower-cost migration from analog to full digital APCO P25 capabilities
- Easy to use, easy to program and customize
- Exceptional audio quality and clarity
- Weatherproof design
- Longer life between battery charges/changes – over 18 hours with new high-capacity lithium-ion battery
- Cloning technology transfers information to/from other BK Radio portables, with accept/decline cloning per group
- Enhanced user-selectable per-channel code guard for finding the best path without changing channels
- *FLASH* technology enables future enhancements via software instead of hardware changes



All the radio you'll ever need

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

You can upgrade the GPH Plus portable to full digital capability that meets APCO P25 specifications and requirements – including interoperability – and at a lower cost than buying a new digital portable. 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 individual options, the BK Radio GPH Plus portable is always easy to use – a critically important factor in emergency situations. As a result of advanced engineering techniques, G Series radios have lower current drain than other portables, which means significantly longer battery life between battery charges or changes. And with the new high-capacity lithium-ion battery, service cycles are extended to more than 18 hours.

The G Series radio also has the ability to clone group information to or from other 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 such as antennas, microphones, batteries, cloning and programming cables, and carrying cases.



Making reliable communications affordable