



7100 Technology Drive • West Melbourne, FL 32904



*The lowest
cost, full-
featured P25
digital handheld
radio available
TODAY.*

DPH

Digital Portable Radios

- APCO Project 25 Compliant
- Digital/Analog Operation
- Common Accessories
- 136 - 174 MHz (12/2003)
- 400 Channels



DPH

Digital Portable Radios



Migrate from analog to P25 digital with the value and quality of BK Radio.

General Specifications:

Dual Priority Scan	INCLUDED
TalkBack Scan	INCLUDED
Nuisance Channel Delete	INCLUDED
Transmit Time Out Timer	INCLUDED
Soft Switch Programming	INCLUDED
Interstitial Frequency Capability	INCLUDED
Analog Mode:	
Tone Code Guard (CTCSS)	INCLUDED
Digital Code Guard (CDCSS)	INCLUDED
DTMF Encode	INCLUDED
DTMF ANI	INCLUDED
Digital Mode:	
Talk Group IDs	INCLUDED
Streamlined Unit-to-Unit Calling	INCLUDED
Optional Unit-to-Unit CallBack	INCLUDED
Emergency Mode	INCLUDED
Mixed Mode:	
RX - Automatic reception of digital or analog signals	INCLUDED
TX - Default transmit mode with optional auto-respond in last received mode	INCLUDED

BK Radio brings you the best value in portable digital radio—The DPH. The DPH combines rugged dependability with true P25 compliance.



Backward Compatible

Able to interoperate with narrow or wide band analog channels as well as digital systems

Cloneable

DPH models are cloneable to each other as well as previous BK Radio models including GPH and EPH portables.

Digital Upgrades to Existing Analog Radios

GPH portable radios from BK Radio may be upgraded to P25 compliance. Call us about our aggressive TRADE-IN PROGRAM for qualifying radios.

Accepts Existing Accessories

DPH radios use all the same accessories available for all BK Radios thereby preserving your portable radio investments. Common accessories include batteries, carrying cases, antennas, speaker microphones, "AA" battery packs, and cloning cables.

DES, AES & OTAR Upgradeability

DPH models can be upgraded for encrypted voice (DES, AES) and P25 OTAR (Over The Air Rekeying).

Operating Voltage	10 V. NOM.
Operating Temperature	-30 to 60 °C
Standby Current Drain	20 mA
Stability	+/- 2.5 PPM
Channel Increments	2.5/6.25 kHz
Operating Frequency Spread	136 - 174 MHz
Size - W x D x H	Standard Battery 2.55 x 1.5 x 6.6 in.
	Large Battery 2.55 x 1.5 x 7.8 in.
Weight (oz.)	Standard Battery 20
	Large Battery 24
Antenna	Helical Wound, Molded Rubber Flex

Meets MIL-STD specifications. Approved by DOI, Forestry, GSA

FCC Certification. Measurements made in accordance with applicable EIA, TIA and NTIA standards. Specifications subject to change without notice.

Receiver:

Sensitivity: 12 dB SINAD	-119 dBm Analog
	-119 dBm Digital
Selectivity:	25/30 kHz - 72 dB
	12.5 kHz - 60 dB
Spurious including Image:	75 dB
Intermodulation:	70 dB
Audio Output @ 5% dist.:	500 mW
Audio Response	+1/-3 dB

Transmitter:

RF Output (Hi/Lo):	5/2 Watts
Spurious & Harmonics:	60 dB
Hum & Noise:	25/30 kHz - 50 dB
Audio Distortion:	3%
Audio Response (per EIA)	+1/-3 dB
Modulation:	16K0F3E
	11K0F3E
	8K10F1E
	8K10F1D

Current RELM Federal Contracts

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

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