





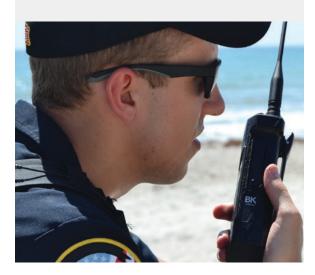
# **BKR 5000**BKR Series Single-Band Radio



# Designed to Meet the Demanding Needs of First Responders

## **Key Features**

- Single-Band Configuration
- Single Unit Smart Charger
- P25 Conventional
- P25 Phase 1 & 2 Trunking
- Multi-Cast Vote Scan
- Simulcast Operation
- AES Encryption, FIPS140-2
- ADP & DES
- Integrated GPS/Location
   Services
- Advanced System Key
- Bluetooth & Wifi Standard
- Enhanced Noise Cancellation
- Meets MIL SPEC 810 G & IP68 Specifications
- Loud, Crisp Audio
- USB PC Programmable
- Radio Authentication (LLA)



Four Position, Programmable Zone Switch

LCD Top Display

# **Emergency Button**

Ergonomically designed for emergency access



#### **Oversized Knobs**

Glove-friendly, oversized control knobs

Industry-Leading 3-Watt Audio Output Speaker Improved audio clarity

Programmable Alphanumeric Labels

**Durable Gorilla® Glass**Bright, colorful LCD
display

## **Programmable Buttons**

Customizable for mission-critical needs

4900 mAh LI Smart Battery

Up to 12 hours with standard capacity





#### **Advanced Features**

#### **Enhanced Voice Quality**

The BKR Series radio uses the Third Generation Enhanced IMBE P25 dualrate Vocoder (AMBE+2 Vl.80) for robust performance in noisy environments.

#### **6 Line Display**

2 Status Icons, 3 customizable display lines of 16 characters, and 1 line of soft-keys.

#### **Environmental Reliability**

Designed and tested to MIL-STD-810 and IP-68 rated.

#### **DHS P25 CAP Approved**

DHS P25 Compliance Assessment Program Tested and Approved Public Safety Grade (TIA Class A).

#### **Robust Receiver**

Improved range and less susceptibility to interference.

#### **Simulcast Operation**

C4FM and CQPSK modes for robust performance in simulcast (including LSM) systems.

#### **Conventional Signaling**

Analog MDC-1200 and Digital APCO P25 for conventional operation.

#### Internal Bluetooth Hardware

BK Technologies Bluetooth is an optional feature for wireless accessory connectivity.

#### **Dual-Mode Bluetooth**

4.1 BR/EDR and BLE (128-bit encryption). Up to 7 BR/EDR active devices and 10 simultaneous BLE connections are supported.

#### **Integrated GPS/Location Services**

P25 Location Services per TIA-102-BAJB are supported, Tier I Conventional, Tier II Trunking.

#### **Scan Modes**

Dual priority scan, trunked priority scan, dual-mode scan, channel, zone and vote scan.

#### **Encryption**

The BKR Series radios support AES256, AES128, DES-OFB/CFB encryption and is compatible with Motorola's ADP.

#### Multi-key/Multi-Algorithm

Multi-Key/Multi-Algorithm Encryption.

#### OTAR Project 25 Over-the-Air Rekey

Allows the encryption key to be changed wirelessly on P25 conventional and P25 trunking systems.

#### **Encryption Key Fill**

TIA-102AACD compliant and interoperable with commercially available key fill devices.

#### P25 9600 Baud Trunking

The BKR Series radio operates on 9600 baud P25 Compliant Trunking Systems and has been P25 Compliance Assessment Program (P25CAP) tested and proven interoperable.

#### **OTAP**

BKR Series radios support Over-the-Air Programming (OTAP) for operational efficiency.

#### TDMA Phase 2 Trunking

BKR Series VHF is P25 Phase 2 (TDMA) capable supporting double the voice capacity of Phase 1 trunking systems.

#### **Radio Authentication**

P25 Radio Authentication per TIA-102-AACE-A is supported.

#### **High Visibility Yellow**

Available in both Tier 1 and Tier 2.





# For more information visit BKTechnologies.com





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