



# 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 dual-rate Vocoder (AMBE+2 V1.80) 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.





**Mission-Critical Ready**  
**Hero Tough™**

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