BKR 5000
BKR Series Single-Band Radio

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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

BKR 5000

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

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Advanced Features

Enhanced Voice Quality
The BKR Series radio uses the Third Generation Enhanced IMBE P25 dual-rate 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.
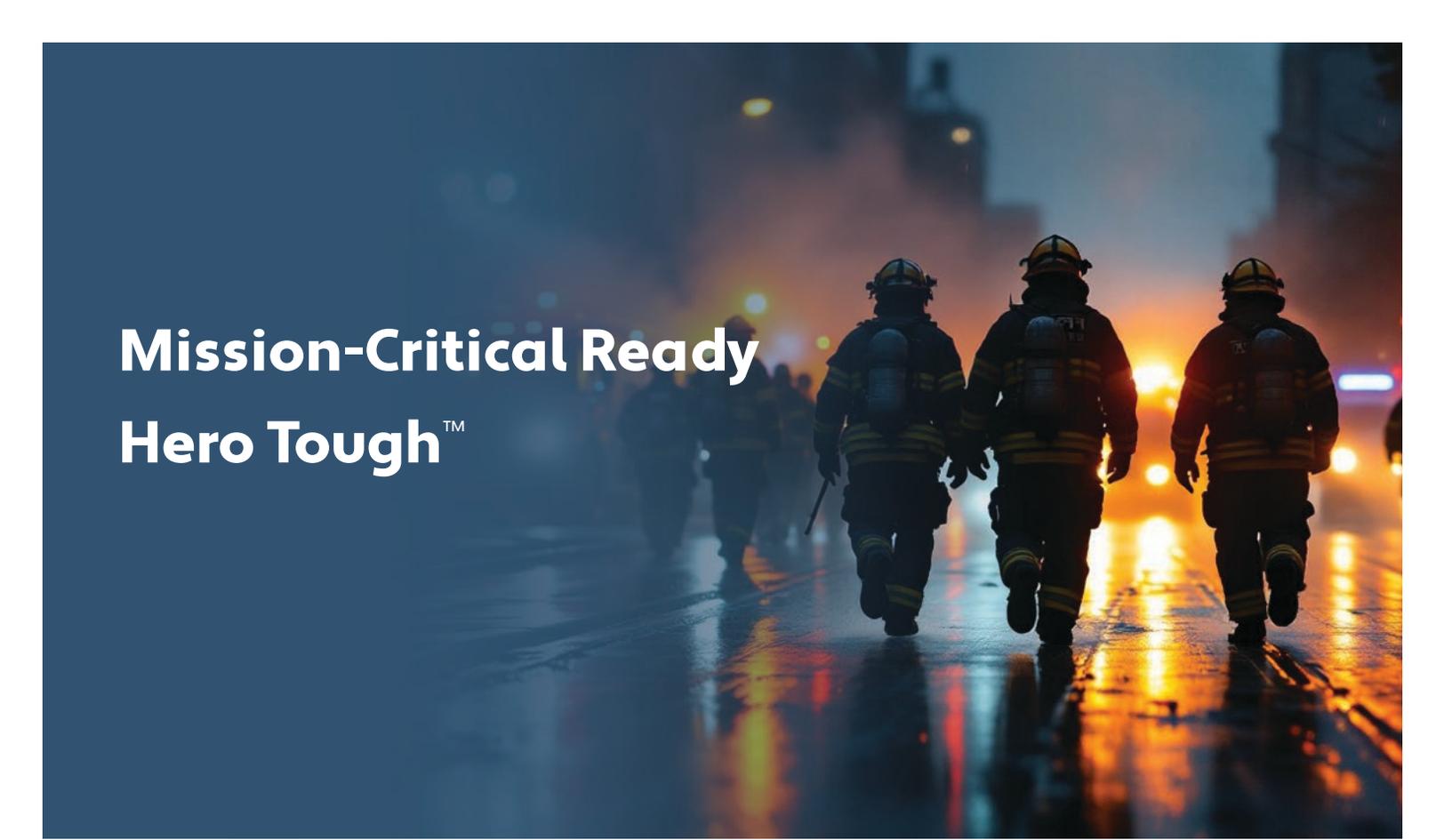
Radio Authentication
P25 Radio Authentication per TIA-102-AACE-A is supported.

High Visibility Yellow
Available in both Tier 1 and Tier 2.

Mission-Critical Ready

Hero Tough™

For more information visit BKTechnologies.com

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