



BK Relay ONE™

A BK ONE SOLUTION



Rapid Deployment Portable Repeater



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- ✓ Emergency Communications in Minutes
- ✓ Solar Power Option
- ✓ Cross Mode/Band/ Protocol/Domain

- ✓ Compatible with Competitor Portables
- ✓ Linked Repeater Option
- ✓ Mobile Repeater Option

Plug and Play Interoperability

When all communications are down, RelayONE™ is the only way to go. Built to withstand the harshest environments, RelayONE™ is always on standby and ready to communicate. The options, versatility, and ease of use of this unit are unmatched by any competitor. RelayONE™ is essential in every public safety agency, especially those which suffer from natural disasters. When Plan A fails, Plan B is the RelayONE™.

Military-Grade Rapid Deployment Portable Repeater

RelayONE™ is designed to extend range and to facilitate interoperability with other radio platforms used by Public Safety and Military personnel. Mounted in a small, mobile and durable pelican case, the repeater is portable or can be mounted in a vehicle. RelayONE™ connects any two radios to double their effective range, or up to three different types to function as a Translator.

Features

Cross Mode (Analog - Digital)

Can be equipped to offer cross mode operation. Simply by placing one analog and one digital portable into the unit allows for transmission from analog - digital and vice versa.

Cross Band (HF/VHF/UHF, 700/800 MHz)

Any which way you want it. Offering true interoperability when you need it the most.

Cross Protocol (Conventional - Trunking)

The versatility is unmatched. Communicate conventional - trunked and vice versa with this portable unit.



Portable and Light Weight



18+ Hours of Talk Time



P25 Digital and Analog Compatible



Mobile Programmability



Options

Foldable Solar Pane (20w, 60w, 90w)

RelayONE™ can be a self contained unit, endlessly powering and recharging itself (weather permitting). Choose from one of our three solar panel options: 20 Watt Foldable (SP20WRDPR-F), 60 Watt Foldable Panel (SP60WRDPR-F), or 90 Watt Foldable Panel (SP90WRDPR-F).

Duplexer

For versatility and compatibility, RelayONE™ is offered with many types of internal duplexers, depending on frequencies and wattage. The duplexer allows you to transmit and receive using the same antenna. (4.5 MHz to 9 MHz separation required).

Interface Kits

BK Technologies understands compatibility and interoperability, which is why we offer many interface kits to equip the unit with a BK portable of your choice. We also offer interface kits for competitor radios if your area deems it necessary.



Specifications

Dimensions	Weight	Operating Voltage	Operating Temperature
6.6 in. x 16.2in. x 12.7 in.	17 lbs	(120-240 Volt AC), DC and Solar Power	- 86° F to + 140° F (-30° C to + 60° C)

Listed specifications are for basic RelayONE™ settings, features, and hardware.

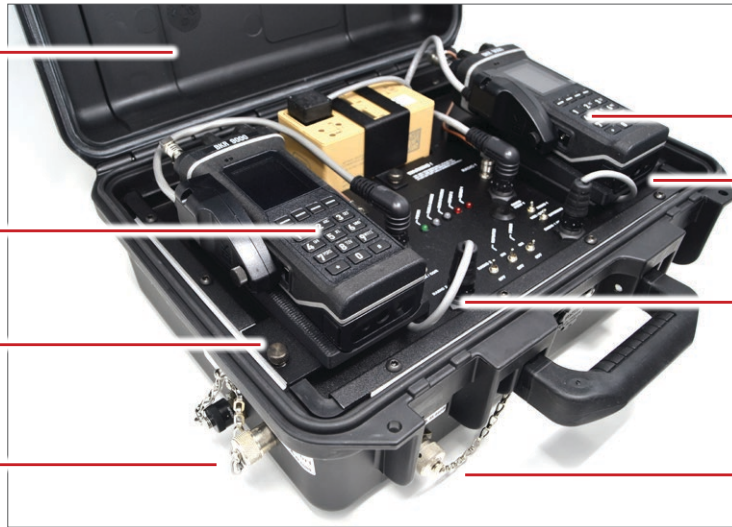
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Buttons and Functions

Durable Pelican Case



Radio

Battery

Radio

Duplexer (Internal)

Power Port (Solar Option)

Antenna Port

Mobile Extender/ SINGGAR Connector

Indicator Lights



Portable Radio Mounting Plate*

Portable Radio Mounting Plate*

On/Off Switches

*Portable mounting plates for competitor portables available.

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