

RAPID DEPLOYMENT PORTABLE REPEATER (RDPR)



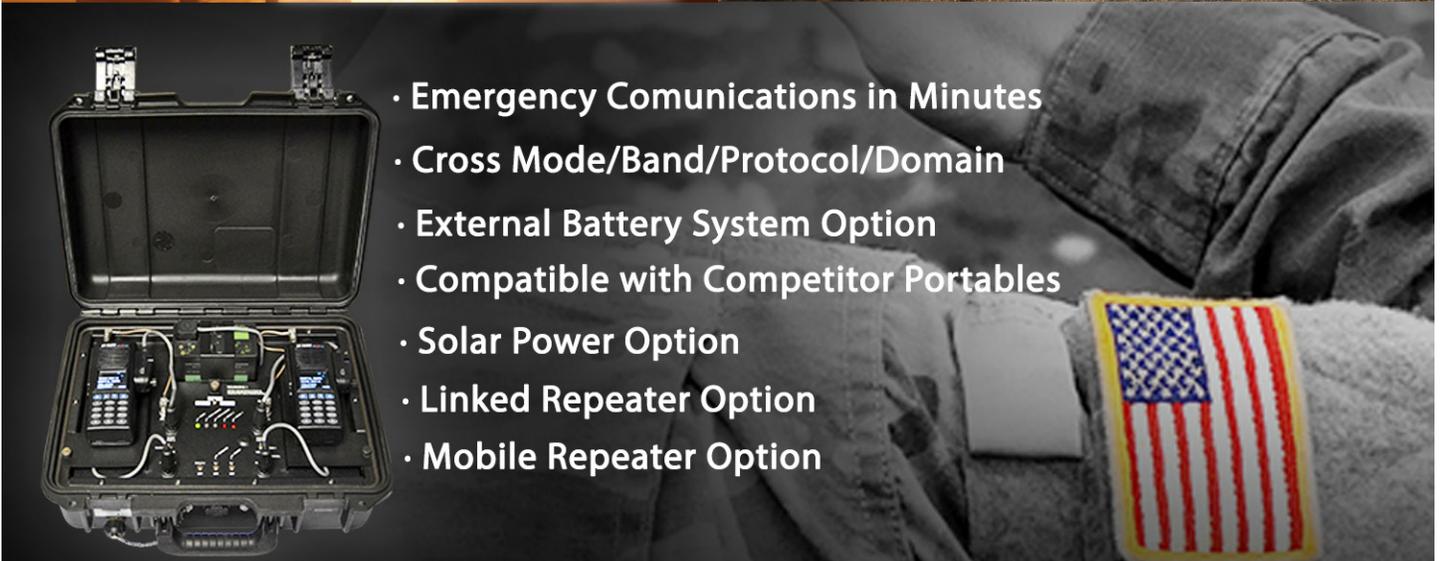
Tenacious Commitment To Quality



Structural Fire



Wildland Fire



- Emergency Communications in Minutes
- Cross Mode/Band/Protocol/Domain
- External Battery System Option
- Compatible with Competitor Portables
- Solar Power Option
- Linked Repeater Option
- Mobile Repeater Option

PLUG AND PLAY

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



RAPID DEPLOYMENT PORTABLE REPEATER



The Rapid Deployment Portable Repeater (RDPR- 00M) 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. The RDPR connects any two radios to double their effective range, or up to three different types to function as a Translator.

“Roof Top Portable Repeater and others call it the Magic Box”



FEATURES

Cross Mode (Analog - Digital)

The RDPR can be equipped to offer cross mode operation. Simply by placing one analog and one digital portable into the unit allows the RDPR to transmit from analog - digital and vice versa.

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

Any which way you want it. The RDPR offers true interoperability when you need it the most.

Cross Protocol (Conventional - Trunking)

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



ACCESSORIES AND OPTIONS

FOLDABLE SOLAR PANEL (20W, 60W, 90W)

The RDPR 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, the RDPR 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.

CARRYING CASES (RDRCC, RDRRCC)

We also offer a larger carrying case (RDRRCC) specially designed to hold your RDPR and it's accessories, such as the solar panel, tripod, cables, etc. This case is durable, portable, and very popular with the US Military. Carry your RDPR and accessories in a portable carrying case with 12 specially designed slots to hold your portable radios (RDRCC).

EXTERNAL BATTERY (EBS-RDPR)

When the power is out and communications are down, the EBS (External Battery System) can power your essential equipment. With a Li-ion 40 Ah battery, the EBS is fitted with several connection types for various electronics, such as USB and cigarette lighter inserts. Together with a solar panel and cigarette lighter adapter, you can power-up virtually any electronic device for endless power.

INCIDENT COMMAND KIT

In emergency situations when communications are down, the Incident Command Kit is an easy solution to launch portable communications on the fly. This kit includes 12 portable radios (of your choice, pricing varies), compatible speaker microphones, clamshell battery pack with a full bundle of rechargeable AA batteries, an RDPR equipped with radios of your choice, two carrying cases (RDRCC, RDRRCC), and one solar panel of choice, making this kit one of a kind for essential communications in extreme conditions.

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

Listed specifications are for basic RDPR settings, features, and hardware.

BUTTONS AND FUNCTIONS

Hard Durable
Pelican Case

Power Port
(Solar Option)

Radio

Duplexer
(Internal)

Battery

Mobile
extender/
SINCGAR
connector

Radio

Antenna
Port

Indicator Lights

On/off Switches

Portable Radio Mounting Plate
(Option plates for competitor
portables available)



7100 Technology Drive
West Melbourne, Fl 32904
T: 800-821-2900
E: info@bktechnologies.com

© 2021

www.bktechnologies.com