



Architects' and Engineers' Specifications

To accommodate large facilities such as multi-floor buildings as well as support future site expansion and remodeling, a repeater, BEC part number WNC-RP-BB, shall be available to increase alarm transmission range. This repeater shall include an internal rechargeable battery and circuit for automatic switching in case of AC power loss. The repeater shall be capable of a minimum of 10 milliwatts of effective radiated RF power and shall provide signal strength in addition to the ID of the originating transmitter device to either MV400 or PC consoles. The signal repeater transmits the information to the Console PC to annunciate general pendant location. Reliable alarm and supervisory check-in signals are monitored and must be maintained at all times.

System Components

<u>Model No.</u>	<u>Description</u>
MV200	Desk Console
MV400	Desk Console
Server	Server Computer

WNC-RP-BB

Repeater with Internal Battery Back Up

The WNC-RP-BB unit includes a rechargeable internal battery back up and is a 900 MHz spread spectrum repeater that receives, decodes, and re-transmits signals from any BEC B7 series transmitter device to either MV400 or PC consoles. It additionally measures received RSSI signal strength from portable necklace pendant or wrist transmitter while ignoring background noise. The signal repeater may also be used to transmit alarm information to the computer to annunciate general pendant location. The repeater is perfect for any size facilities such as a multi-floor building or multi-building campus. Any number of repeaters can be added to a system, scaling the system size as needed. The repeater is easy to install just mount and plug in to an AC outlet.

Specification

- Dimensions: Height: 5.3"
(Repeater Only) Width: 5.1"
Depth: 1.7"
- Power Input: 12VAC/20VA transformer included for use indoors or in protected environments.
- Operating Temp: 320F to 1400F
- Battery: Li-Ion 3.7v, 2600mAh

Features

- Rechargeable internal battery back up
- Perfectly suited for indoor applications
- Includes 120 VAC power transformer for indoor use
- No wires or programming needed
- Self configuring
- External antenna
- Provides general pendant location