

DS5040 WIRELESS REPEATER

DS5040 Wireless Repeaters can wirelessly hop signals from one repeater to another allowing signal coverage for very large areas. Spread spectrum frequency hopping technology virtually eliminates interference and noise from other radio sources.

Locating

A DS5040 repeater matrix can provide location of a mobile pendant transmitter when the pendant is activated by the person carrying it. Each DS5040 Wireless Repeater provides a “zone” of detection. The system will announce as a location the repeater that receives the strongest signal from the pendant. Placement of repeaters determines the zones of location. The resolution of the locations is determined by the density of repeaters. Placing more repeaters in a given area, will provide greater location resolution.

The DS5040 Wireless Repeater offers over two miles* of open field range. This dramatic increase in range makes this transceiver a practical wireless solution for facilities of any size. The DS5040 Wireless Repeater features distributive networking. Repeaters learn the shortest route to the wireless receiver. This reduces signal traffic thus increasing the efficiency and capacity of the system.



Specifications:

Dimensions: 3.5” H x 6.5” W x 1” D

Weight: 8 oz.

Battery: Lithium Ion

Power Input: 11 - 15 volts AC or DC

RF Output: 330 milliwatts

Current Consumption: 250ma typical

Operating Range: 32 - 140 °F and up to 95% relative humidity

- Shows location of persons with pendants
- Back-up battery power supply
- Powerful 2 mile line-of-site range*
- Multiple repeaters allow coverage for very large areas
- No interconnect wiring; requires only a 110vac outlet

*Range of any wireless device will diminish when the signal is required to pass through solid materials. Glass and plastic will offer only a little resistance, concrete.