



Signal Repeater

by Walker Wireless



Increase the Transmission Range of Your Wireless Sensor

The ConceptOne Repeater was specifically designed to increase the wireless signal from any 418 or 900 MHz sensor. If your Point Manager is placed more than 125 feet from your 418 MHz sensor (typically 600 feet for the 900 MHz sensors), or if you need to send the signal through walls or floors, then a Repeater is what you need.

The Repeater receives 418 MHz and 900 MHz signals from Walker Wireless sensors and retransmits the information at 900 MHz. The sensor data can be sent along to either additional Repeaters or the 900 MHz Point Manager receiver. The Repeater can receive signals from up to 50 Walker Wireless sensors within transmission range. The Repeater requires electrical power and comes complete with an AC adapter.

Main Features

- 418 MHz Receiver with 900 MHz frequency hopping spread spectrum transceiver pushes your sensor data through walls and floors.
- Typical indoor range of the 418 MHz receiver is up to 200 feet.
- Automatic randomization and collision avoidance helps ensure that your data is transmitted from your sensors to your Point Manager.
- Built in 100-milliwatt 900 MHz radio for long-range wireless interface.
- Typical Indoor range of the 900 MHz transceiver is up to 900 feet.
- CRC-16 Error Checked Radio Data assures data accuracy.
- Radios comply with Part 15 of FCC rules. No special licensing required.
- The Repeater measures 4.25" W x 1.25" H x 3.25" D and weighs only 7 ounces.
- The attractive ABS enclosure has mounting flanges for quick and easy installation.
- Can be placed on a desktop, or installed on a wall, or behind a ceiling panel.

Factory Configured Interface to:

- **Walker Wireless 418 and 900 MHz Sensors**
- **Other ConceptOne Repeaters**
- **900 MHz Point Managers**