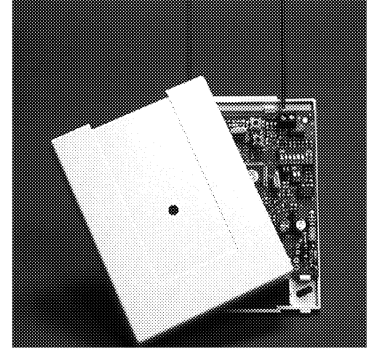


Quik Bridge™ Learn Mode Repeater

Interactive Technologies, Inc.



File: Receivers

ITI Part # 60-615-10-319.5

Overview

The Quik Bridge Learn Mode Repeater adds power and flexibility to a wireless security system. The Repeater receives and retransmits signals from Learn Mode sensors, wireless touchpads, and other Learn Mode Repeaters, greatly extending the distance a sensor or touchpad can be installed from the control panel.

The Repeater may be used in one of the following modes:

Intelligent mode: the Repeater retransmits signals received from sensors, wireless touchpads, and intelligent mode Repeaters that have been “learned” into the Repeater’s memory. An intelligent mode Repeater may learn a maximum of 16 sensors/touchpads and 2 intelligent mode Repeaters.

Sensor mode: the Repeater retransmits all signals received from sensors and wireless touchpads, but does not retransmit signals received from other Repeaters.

Applications

The Repeater is recommended for:

- Large installations where distant sensors perform poorly on sensor test or cause supervisory problems.
- Instead of preamps in installations where the panel antennas are shielded by metal.
- Existing installations experiencing supervisory problems with distant sensors.

Features

Repeater features include the following:

- Sending hourly supervisory reports to the panel.
- A tamper switch that causes an alarm transmission if the Repeater’s cover is removed.
- Support for a rechargeable backup battery.
- A dual-antenna receiver, which improves sensor data reception.
- Low-battery reports to the panel when the backup battery is low (optional).
- AC power failure reports to the panel when AC power has failed for more than 15 minutes.
- Learn Mode technology, which makes installation easy.

Power Supply

Required Transformer	12 VDC or 16.5 VAC (not included)
Backup Battery	12V lead-acid, 1.3 Ah - Panasonic Model LCR 12V1.3P (not included)
Current Draw	50 mA maximum
Overcurrent Protection	Resettable polyfuse

Radio Receiver

Type	Superheterodyne
Frequency	319.508 MHz
Bandwidth	40 kHz
Sensitivity	-110 dBm nominal

Physical Description

Color	Belgian Gray
Dimensions	4.125" (10.48 cm) length x 5.25" (13.34 cm) width x 1.0" (2.54 cm) height + two 9.25" (23.5 cm) antennas
Weight	5.6 oz.
Enclosure	ABS Plastic, Cycolac KJW
Cover	Snap-on

Installation

Mounting	Mount with three screws (included). Mounting slots are pre-manufactured for easy leveling.
Software Requirements	CareTaker [®] <i>Plus</i> and Custom Versions (with software 4.0 or later), <i>SX-V Special</i> (with software 7.0 or later), UltraGard [™] and Custom Versions (with software version 1.0 or later).
DIP Switches	Use DIP switches to set Repeater Mode and to enable or disable AC power failure reporting and battery supervision.
Outdoor Mounting	Use a water-resistant enclosure (available from Rose Enclosures, Inc.) for outdoor installations.
UL-Listed Installations	Use a UL-listed AC power supply and backup battery for UL-listed installations.

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Specifications are subject to change without notice.

Ordering Information

ITI Part # 60-615-10-319.5

ITI Document # 466-1051 (Rev. A)

(Spec Sheets available in quantities of fifty)

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