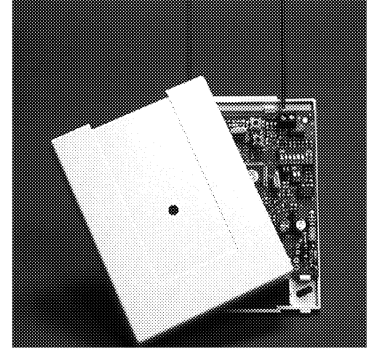


# Quik Bridge™ Learn Mode Repeater

Interactive Technologies, Inc.



File: Receivers

ITI Part # 60-615-10-319.5

## Overview

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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

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### 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

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### 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

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

## Radio Receiver

<b>Type</b>	Superheterodyne
<b>Frequency</b>	319.508 MHz
<b>Bandwidth</b>	40 kHz
<b>Sensitivity</b>	-110 dBm nominal

## Physical Description

<b>Color</b>	Belgian Gray
<b>Dimensions</b>	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
<b>Weight</b>	5.6 oz.
<b>Enclosure</b>	ABS Plastic, Cycolac KJW
<b>Cover</b>	Snap-on

## Installation

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