

Quick-Start Guide

I/O Linc™ - INSTEON® Doorbell and Telephone Ring Alert Kit

Model: #24950A6



Introduction

The Doorbell and Phone Ring Detector works with I/O Linc to initiate an INSTEON signal when a guest arrives and presses the doorbell and/or if you receive a telephone call. You can create a visual alert to let you know when your phone or doorbell rings via linked INSTEON controlled devices such as [Dimmers and Switches](#), [Wire-in/Outlet Modules](#) and/or [Plug-in Modules](#). Up to two doorbells and/or one phone line can be connected to the detector. Adding an additional I/O Linc to this kit will allow for two distinct INSTEON commands to be sent from separate door bells or from a door bell and a telephone.



I/O Linc Screw Terminals

5V	GND	Sense	N/C	N/O	Common
5 Volts	Ground	Sensor Input	Normally Closed	Normally Open	Switches between N/O and N/C

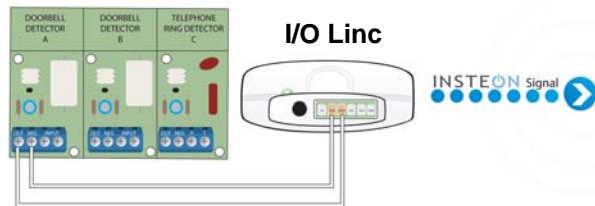
Installation

Plan ahead - locate an outlet (for I/O Linc) near the area where you will mount the Doorbell and Phone Ring Detector

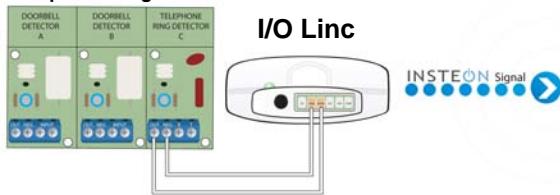
- 1) Remove the pre-stripped plastic shielding from both ends of the Interconnect Wire
- 2) Using the provided 1.5mm flathead screwdriver, fasten one Interconnect Wire lead into the I/O Linc "GND" terminal
- 3) Fasten the other Interconnect Wire lead (located on the same side as the lead used in Step 2) into the I/O Linc "Sense" terminal
- 4) Fasten the opposite end of the Interconnect Wire coming from the "GND" terminal on I/O Linc to the "NEG" terminal on the Doorbell & Phone Ring Detector
- 5) Fasten the opposite end of the Interconnect Wire coming from the "Sense" terminal on I/O Linc to the "OUT" terminal on the Doorbell & Phone Ring Detector
- 6) Depending on your need for an indicator for either one or two doorbells and/or one telephone (up to two doorbells and one telephone), mount the Doorbell and Phone Ring Detector in the appropriate location
- 7) Again, depending on your application, follow the included Doorbell and Ring Detector Owner's Manual for the proper connection between the Doorbell and Phone Ring Detector and your existing doorbell and/or telephone line wiring
- 8) Once the wiring has been completed, plug your I/O Linc into an unswitched outlet near the Doorbell and Phone Ring Detector
The I/O Linc Status LED will turn on

Wiring Diagram for I/O Linc - INSTEON Doorbell and Telephone Ring Alert Kit

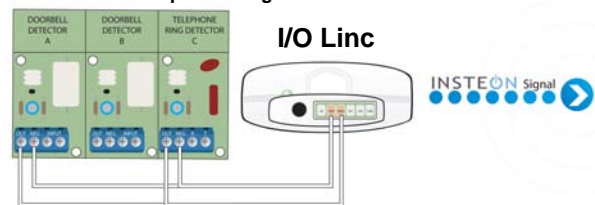
Doorbell Detection:



Telephone Ring Detection:



Doorbell and Telephone Ring Detection:



NOTE: Depending on your application, follow the included Doorbell and Ring Detector Owner's Manual for the proper connection between the Doorbell and Phone Ring Detector and your existing doorbell and/or telephone line wiring.

Use the Doorbell and Phone Ring Detector to Control an INSTEON Device

- 1) Press & hold the Set button on I/O Linc Set until it beeps (3 seconds)
The I/O Linc Status LED will begin blinking
- 2) Press & hold the Set button on your INSTEON Responder (the device you wish to control with I/O Linc) for at least 3 seconds
I/O Linc will beep and its Status LED will turn on solid
- 3) Test by pressing your doorbell button and/or calling your telephone from an outside line (such as a cellular phone)
The Responder will turn on or off

Complete Instructions, Troubleshooting, and Tech Support

Owner's Manual: http://wiki.smarthome.com/index.php?title=2450_Manual
 Call: Tech. Support @ 1-800-SMARTHOME (800-762-7846)
 Contact Us Online: <http://www.smarthome.com/contactus.html>

SmartLabs Limited Warranty – SmartLabs warrants to original consumer of this product for a period of 2 years from date of purchase, this product will be free from defects in material & workmanship & will perform in substantial conformity with its Owner's Manual. Warranty shall not apply to defects caused by misuse or neglect.
 U.S. Patent No. 7,345,998. International patents pending © Copyright 2010
 SmartLabs, 16542 Millikan Ave., Irvine, CA 92606, 1-800-SMARTHOME (800-762-7846)