Quick-Start Guide
I/O Linc™ – INSTEON® Morning Industry Lock Control Kit
Model: 24950B2
Allows entry or exit by locking or unlocking doors at the press of a button

Introduction
Included in this kit are 2 INSTEON I/O Linc modules and the Morning Industry Specially-Wired RF Remote Control Key Fob, which will work together to allow you to lock or unlock your Morning Industry RF deadbolts and doorlocks with the press of a button on any Linked INSTEON Controller.

I/O Linc Screw Terminals

<table>
<thead>
<tr>
<th>5V</th>
<th>GND</th>
<th>Sense</th>
<th>N/C</th>
<th>N/O</th>
<th>Common</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Volts</td>
<td>Ground</td>
<td>Sensor Input</td>
<td>Normally Closed</td>
<td>Normally Open</td>
<td>Switches between N/O and N/C</td>
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</tbody>
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Installation
1) On one I/O Linc, connect the following Key Fob wires to the I/O Linc terminals (see Diagram 1)
   • Blue – Common
   • Blue/White – N/O
2) On the other I/O Linc, connect the following Key Fob wires to the I/O Linc terminals (see Diagram 1)
   • Green – N/O and Common
   • Red – 5V
   • Black - GND
3) Plug the first I/O Linc (with the blue Key Fob wires) into the pass-through outlet of the second I/O Linc
4) Plug the stacked I/O Linc modules into an unswitched wall outlet
   The I/O Linc Status LEDs will turn on and blink dimly depending on INSTEON traffic

Linking the Key Fob to the Doorlock Fixture
1) Press the Set button on the doorlock fixture (labeled “S”)
2) Press & hold the Lock button on the Key Fob until the doorlock double-beeps
3) Test that the remote locks and unlocks the door by pressing the Lock and Unlock buttons on the Key Fob

Setting the I/O Linc modules to Momentary Mode
When shipped from the factory, I/O Linc will already be programmed to Latching Mode, which keeps the relay open or closed until it is triggered into the opposite state. However, for the I/O Linc modules to work properly with the Morning Industry Key Fob, the I/O Linc modules must be set to Momentary Mode. In Momentary Mode, the relay will remain open. Once triggered, the relay closes for a momentary duration, defaulted at 2 seconds, and then automatically opens.

   To Set the I/O Linc modules to Momentary Mode, follow the instructions below.
1) Press & hold the Set button of the first I/O Linc (with the blue and blue/white Key Fob wires) until the unit beeps (about 3 seconds)
   The I/O Linc Status LED will begin blinking brightly
2) Press & hold the Set button of the first I/O Linc until the unit beeps again (about another 3 seconds)
   The I/O Linc Status LED will continue blinking brightly
3) Press & hold the Set button of the first I/O Linc until the unit beeps a third time (about another 3 seconds)
   The I/O Linc Status LED will go solid and dim, then blink dimly depending on INSTEON traffic
4) Repeat steps 1-3 on the second I/O Linc

To return the I/O Linc modules to Latching Mode or change the momentary duration, see the I/O Linc Owner’s Manual at:
Controlling Your Doorlock from an INSTEON Controller

You will need to Link the LOCK and UNLOCK commands to two separate buttons or On/Off button pairs on your INSTEON Controller. (Linking both commands to the same button or On/Off button pair will essentially cancel out each of the commands.)

To Link the LOCK command:
1) Press & hold the button on your Controller that you wish to use to lock your door for about 10 seconds
   The Controller’s Status LED will begin blinking
   You will have 4 minutes to complete the next step before Linking Mode automatically times out.
2) Tap the Set button on I/O Linc
   I/O Linc will beep and the Status LED will turn on solid and bright
3) Immediately after the LED turns on solid and bright, press & hold the Set button of the first I/O Linc (with the blue and blue/white Key Fob wires) until the unit double-beeps (about 3 seconds)
   The I/O Linc Status LED will flash
   The Controller’s Status LED will stop blinking

To Link the UNLOCK command:
4) Press & hold button on your Controller that you wish to use to unlock your door for about 10 seconds
   The Controller’s Status LED will begin blinking
   You will have 4 minutes to complete the next step before Linking Mode automatically times out.
5) Tap the Set button on I/O Linc
   I/O Linc will beep and the Status LED will turn on solid and bright
6) Immediately after the LED turns on solid and bright, press & hold the Set button of the second I/O Linc (with the green, black and red Key Fob wires) until the unit double-beeps (about 3 seconds)
   The I/O Linc Status LED will flash
   The Controller’s Status LED will stop blinking
7) Test that Linking was successful by pressing the buttons you just Linked to on your INSTEON Controller
   Doorlock should lock and unlock accordingly