Programming | Addressing from an IR Transmitter

Addressing Overview

Each keypad, EDU, and CCI in the system must have a unique address in order to store presets. Addressing the system gives each device a unique address number, which allows individual components to communicate properly.

Each device can be given a unique address automatically, by placing a single keypad, EDU, IR transmitter, or CCI in "Addressing Mode." The device in Addressing Mode will then allocate a unique address to every keypad, EDU, and CCI in the system.

The *Sivoia QED* system is addressed using a single keypad, EDU, CCI, or IR transmitter. It is not necessary to enter address mode on more than 1 device in the system. For convenience, address the system from the component that is easiest to access.

The system should be addressed each time new components are added. Addressing a previously programmed system will not erase any previous programming, addresses, limits, EDU assignments, or presets.

After addressing a new system keypads, CCIs, and IR transmitters will not operate any EDU.

Once the system has been addressed, EDUs need to be assigned to the appropriate keypads, CCIs and IR receivers.

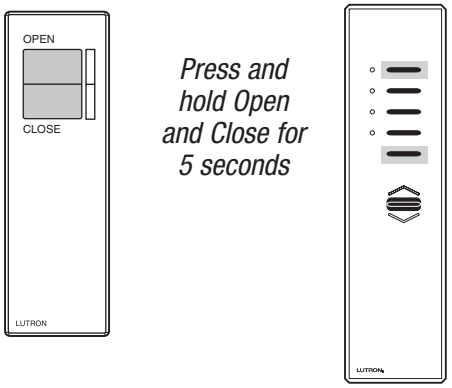
Notes:

- The system should be addressed ***after*** all components have been installed, wired to the communications link, and powered.
- To add previously addressed components to an existing system, or to connect a previously addressed system to an existing system, return components to factory defaults before wiring them to the existing system (refer to Advanced Programming).

Addressing from an IR transmitter

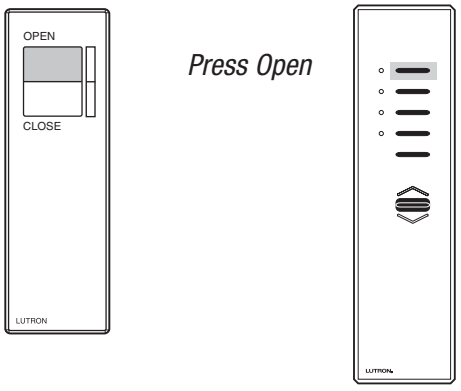
STEP 1

Aim the IR transmitter at an IR receiver, integral to a keypad or CCI, or wired to an EDU. Enter "Addressing Mode" by pressing and holding the Open and Close buttons on the IR transmitter simultaneously for 5 seconds. IR receivers on keypads and CCIs will cause keypad and CCI LEDs to flash. IR receivers on EDUs will cause LEDs on EDU to flash.



STEP 2

Aim the IR transmitter at an IR receiver. Initiate system addressing by pressing the Open button on the IR transmitter. If the IR receiver is integral to a keypad or CCI, the LED next to the open button will begin to flash quickly (8 times per second), the LED next to the close button will turn off. If the IR receiver is connected to an EDU, the LED on the EDU will flash quickly (8 times per second). The system is now being automatically addressed.

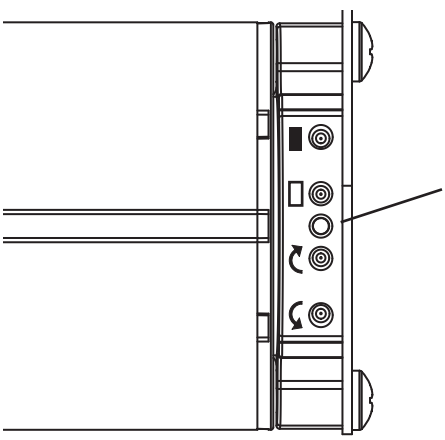


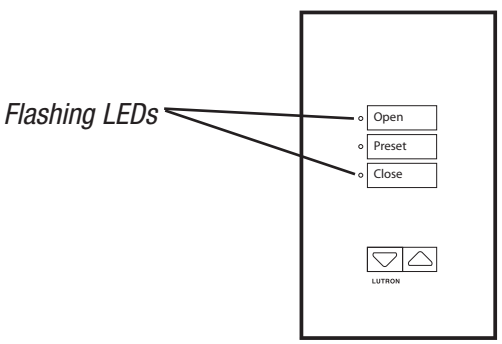
STEP 3

Wait for addressing to be completed, this will take one minute. While addressing is in progress, each keypad and CCI will flash it's top LED quickly (8 times per second). Each EDU will flash it's LED quickly (8 times per second).

When addressing has successfully completed, Open and Close LEDs on each keypad and CCI will flash slowly (1 flash per second). LED on EDU will flash slowly (1 per second).

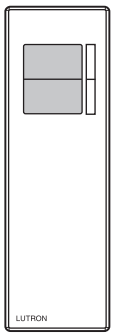
Correct wiring can be confirmed by checking that each keypad, CCI, and EDU is flashing it's LED. If a device does not flash its LED, wait for addressing to complete, check wiring, and re-address the system, entering addressing mode from the same device that was previously used to address the system.





STEP 4

Exit "Addressing Mode" when addressing is complete, by aiming the IR transmitter at the IR receiver, and holding the Open and Close buttons for 5 seconds.



After the system has been addressed, set the limits if they have not already been set. After addressing the system and setting limits, assign EDUs to each keypad, CCI, and IR receiver.