GoConex™

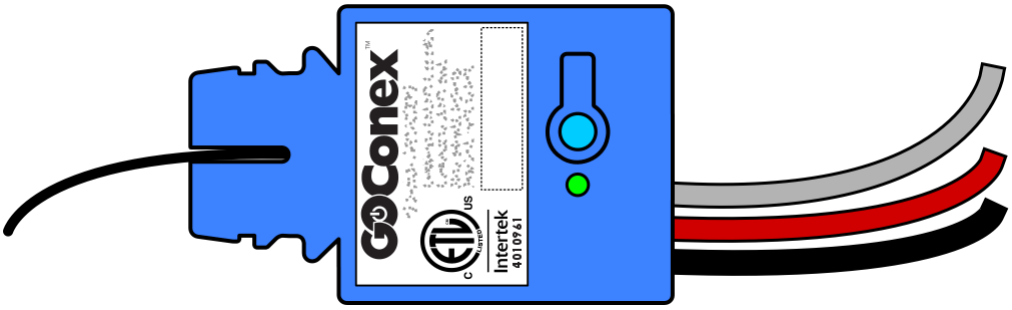
User Manual

Genius Control 10

Model: GC10

Genius Pro Control 10

Model: GPC10



1 Installing

How to install a GoConex Controller in a junction box or device box.

1.1 Before You Start

WARNING: TO AVOID FIRE SHOCK OR DEATH; TURN OFF POWER at circuit breaker or fuse and test that power is off before wiring!

Install and/or use GoConex in accordance with local electrical codes and regulations.

The GoConex Controller should be mounted in a listed/certified electrical junction box of suitable size and with 1/2" knockout holes. e.g. 4" x 1-1/2" octagonal box.

If you are unsure about any part of these instructions, consult a qualified electrician.

1.2 Installation

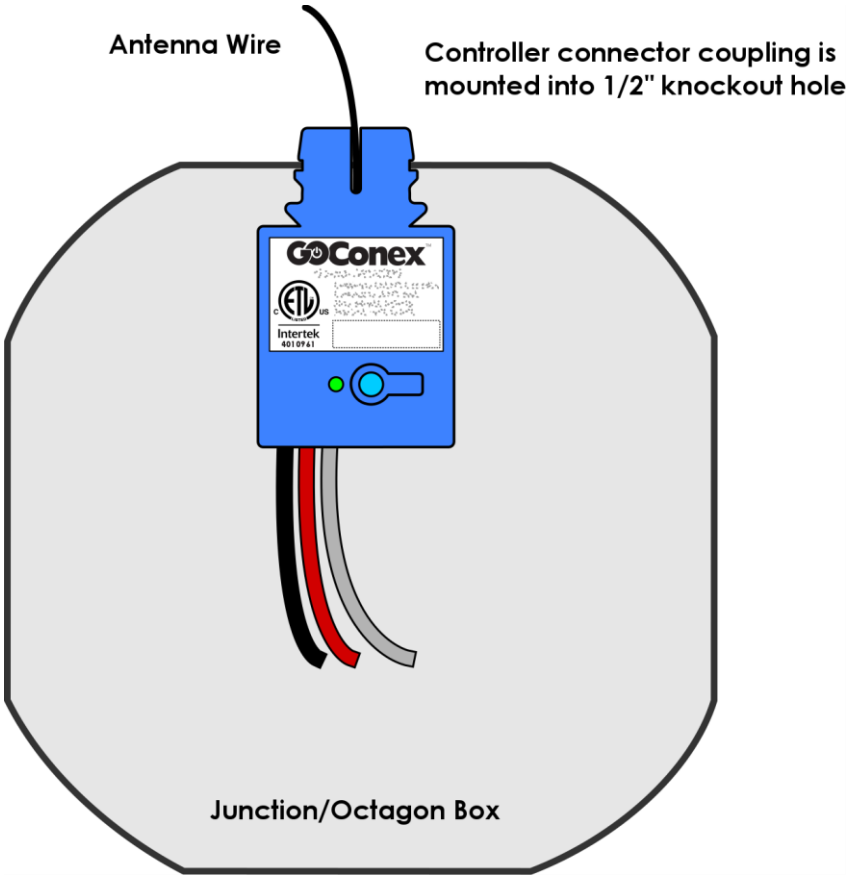
Identify your wires. You need these wires in the junction box:

- Line/hot
- Neutral
- Load (e.g. wire to the electrical load)

Mount the GoConex Controller inside your junction box

Push the Controller's connector coupling into one of the junction box's 1/2" knockouts from inside.

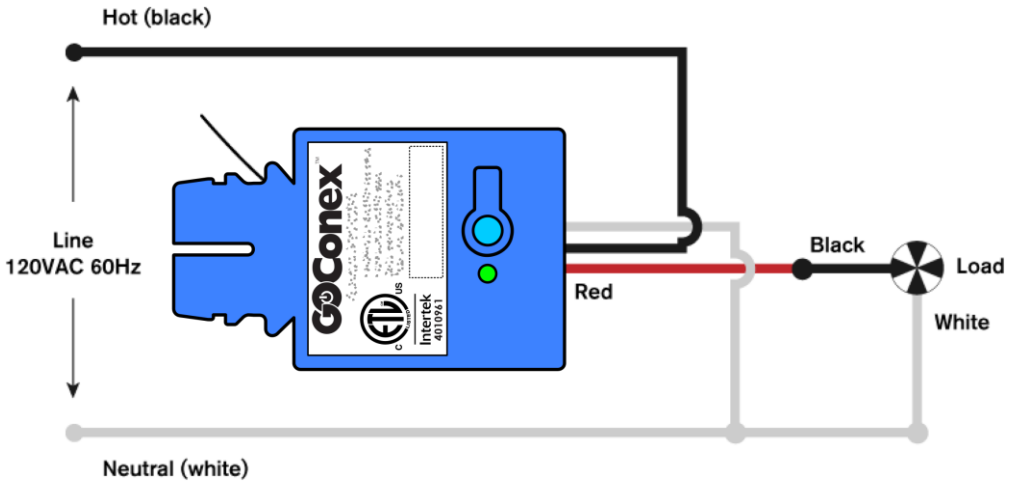
When installed, the coupling and antenna wire should be out of the knockout hole.

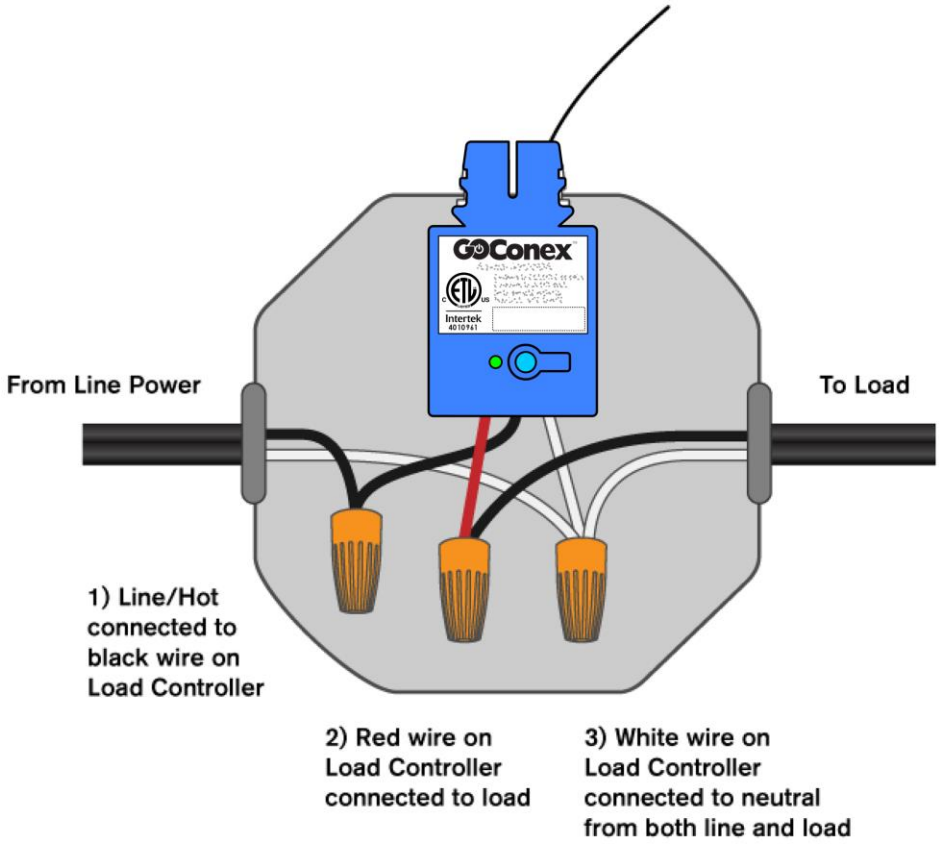


Connect the wires to the Controller

1. Connect the Neutral wire to the white wire on controller
2. Connect the Line/Hot wire to the black wire on controller
3. Connect the Load wire to the red wire on controller

Connect your Controller as per the following wiring diagram:





1.3 Power Your Controller

After you complete your wiring connections, energize the circuit by closing the circuit breaker in your electrical panel.

When powered, the LED status indicator on the Controller will be lit GREEN.

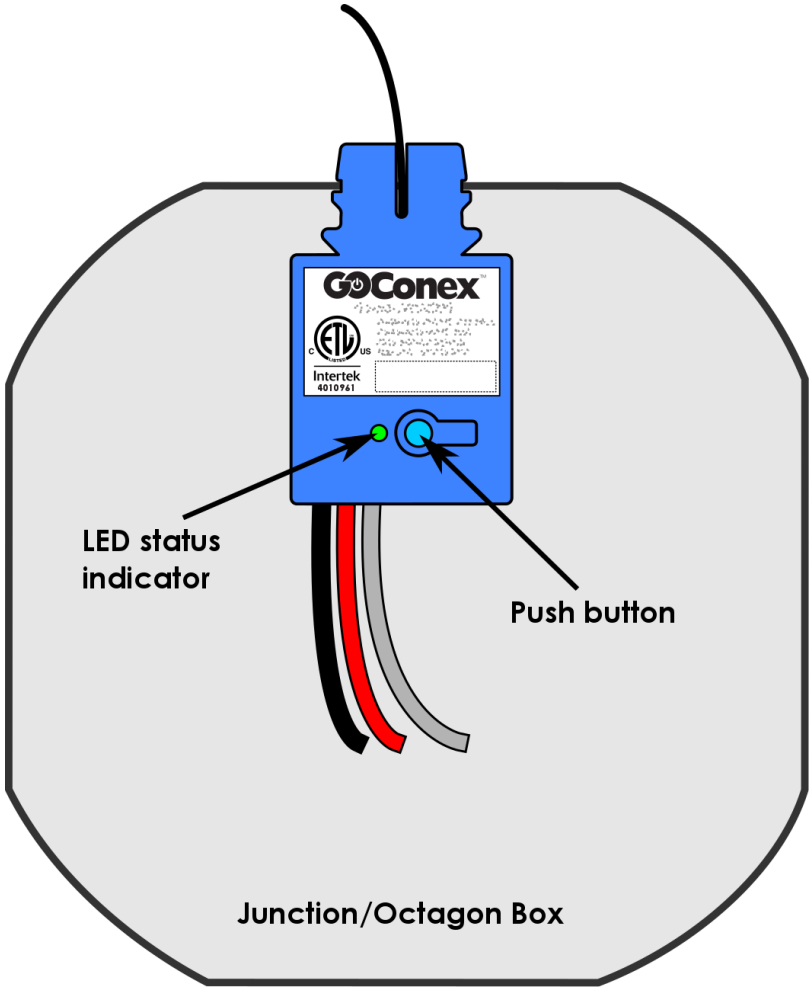
1.4 Ready to Pair the Controller and Switch

2 Pairing GoConex Switch and Controller

2.1 Press the button

Press the button on the Controller. The LED on the controller will begin flash green slowly to indicate that the Controller is ready to receive a Lock Signal from a GoConex Wireless Switch.

NOTE: If there is no lock signal received from a switch within 60 seconds, the controller will quit the pairing procedure and the LED will return to a solid green indicator.



2.2 Send a Lock Signal from the Wireless Switch

Press both ends of a GoConex Switch to send a wireless “lock signal” to the Controller. Give it a strong squeeze to successfully contact both ends of the switch.
When the Controller has received the lock signal from the switch, the LED status indicator will rapidly flash green and red.

2.3 Confirm the pair on the Controller

Press the button on the Controller to confirm the pairing. The LED will rapidly flash green to indicate success.
Now the Controller will work with the On and Off commands sent from this wireless switch.

2.4 How to clear saved pairings from the Controller

To remove a Switch from the Controller's memory, press and hold the button on the Controller for 5 seconds. The LED will flash red to indicate the memory has been cleared.
Now this Controller has no paired switches.

To pair at least one switch to the Controller, repeat steps 1-3.

2.5 Install your GoConex Wireless Switch

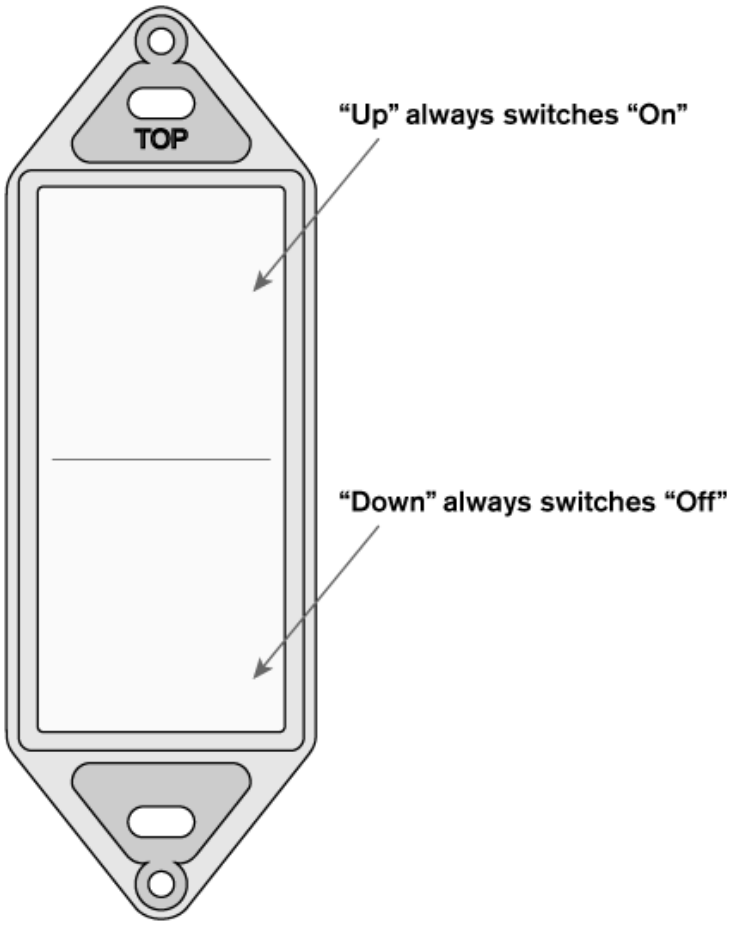
You have paired your Controller to one or more Switches.

3 Installing GoConex Wireless Switch

3.1 How to use your GoConex Wireless Switch

After you've paired your GoConex Wireless Switch with one or more Controllers, you can turn your electrical loads on and off by pressing the switch up and down.

"Up" always sends the "on" command to the Load Controller. "Down" always sends the "off" command.



The switch rests in a neutral position, so you never have three-way or four-way switches that look "out of sync" with each other (e.g. one switch is up and the other is down).

3.2 Mounting your switch on a wall or other finished surface

The GoConex Wireless Switch can be mounted onto any surface.

Depending on what electrical loads you are turning on and off, you can choose to mount your switch on a wall or pillar. You can leave it on your bedside table or put it in your car. You can mount it on your tile backsplash or leave it in a drawer.

3.3 Typical installation on a finished wall

Typical installations use a standard cover plate to cover the switch. Use the small screws that were included with the plate to attach the plate to the switch. Mount the switch and cover onto a wall using a paint-safe adhesive strip.

You can also screw the plate and switch into the drywall using the screws that were included with your cover plate.

4 Specifications

Genius Switch

FCC ID: 2ADH9-GSW
IC ID: 12453A-GSW

Wireless range: 75 metres / 250 feet
Frequency: 903 to 927 MHz
Encryption: 128-bit
Enclosure Color: White
Operating temp: -40°C to +50°C
Environment: Indoor use only
FCC Part 15 Class B
IC ICES-003 Issue 4

Genius Control 10

FCC ID: 2ADH9-G2CF
IC ID: 12453A-G2CF
Certified to CSA STD C22.2 #14
Conforms to UL STD 244A
Wireless range: 75 metres / 250 feet
Frequency: 903 to 927 MHz
Encryption: 128-bit
Enclosure Color: Blue
Operating temp: -40°C to +50°C
Environment: Indoor use only
For permanently installed fixtures only
FCC Part 15 Class B
IC ICES-003 Issue 4

Input: 85 to 125 VAC 50/60 Hz

Load 120 VAC:

- 10 A resistive load ($\cos\phi = 1$)
- 5 A inductive load ($\cos\phi = 0.4$)
- 5 A tungsten-filament, halogen
- 5 A magnetic ballast or transformer
- 5 A electronic ballast
- 1/6 HP motor

Genius Pro Control 10

FCC ID: 2ADH9-G2CF
IC ID: 12453A-G2CF
Certified to CSA STD C22.2 #14
Conforms to UL STD 244A
Wireless range: 75 metres / 250 feet
Frequency: 903 to 927 MHz
Encryption: 128-bit
Enclosure Color: Blue
Operating temp: -40°C to +50°C
Environment: Indoor use only
For permanently installed fixtures only
FCC Part 15 Class B
IC ICES-003 Issue 4

Input: 85 to 250 VAC 50/60 Hz

Load 120 VAC:

- 10 A resistive load (cosϕ = 1)
- 5 A inductive load (cosϕ = 0.4)
- 5 A tungsten-filament, halogen
- 5 A magnetic ballast or transformer
- 5 A electronic ballast
- 1/6 HP motor

Load 240 VAC:

- 10 A resistive load (cosϕ = 1)
- 5 A inductive load (cosϕ = 0.4)
- 5 A tungsten-filament, halogen
- 5 A magnetic ballast or transformer
- 5 A electronic ballast
- 1/2 HP motor

5 FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

6 Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Cet appareil numérique de la classe B est conforme á la norme NMB-003 du Canada. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

This Class B digital apparatus complies with Canadian ICES-003.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment that is installed outdoors is subject to licensing.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Pour empêcher que cet appareil cause du brouillage au service faisant l'objet d'une licence, il doit être utilisé à l'intérieur et loin des fenêtres afin de fournir un écran de blindage maximal. Le matériel doit faire l'objet d'une licence s'il est installé à l'extérieur.

A product by Levven

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