



Lono

QUICK START GUIDE

Lono, LLC
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American Fork, UT 84003

WELCOME. THIS GUIDE WILL HELP YOU INSTALL YOUR LONO™ CONTROLLER.

For additional information, check out our installation video or visit our website.

Installation video

<https://lono.io/install-video>

Learn more

<https://lono.io/features>

Questions?

We'd love to help! For any inquiries, please email or call us at the number below. Additionally, we encourage you to check out our support page.

<https://support.lono.io>

support@lono.io

+1 (855) 776-3532

Inside the box:

- Lono Controller
Front Panel
Back Panel (i.e., wall mount)
- 24V Power Supply
- Two Mounting Screws
- Wire Label Stickers
- Quick Start Installation Guide
(what you're reading now)

REQUIREMENTS

WiFi

2.4Ghz, 802.11 b/g - Lono supports WEP, WPA and WPA2

Mobile

iOS 8.x or Android 4.3 (or later)

Account Login

To connect Lono to your WiFi network, you'll require a free Lono account which can be created after you install the Lono mobile application.

Irrigation System

Lono works with most 24V irrigation systems and can accept up to 20 zone wires, a common wire, third party sensors and a master valve or pump relay.

Installation location

The Lono controller is designed to be installed indoors. If you need to install outdoors, ensure Lono is encased in an appropriately sized, weatherproof enclosure.

Tools Needed

Installing Lono requires a Phillips head screwdriver.

1. PRE-INSTALLATION

WHAT YOU NEED

Wifi

2.4 Ghz, 802.11 b/g - Lono supports WEP, WPA and WPA2

Mobile

iOS 8.x or Android 4.3 (or later)

Irrigation System

Lono works with most 24V irrigation systems and can accept up to 20 zone wires, a common wire, third party sensors and a master valve or pump relay.

Tools Needed

Installing Lono requires a Phillips head screwdriver, and you may need wire strippers to expose sprinkler wire from outer sheath.



(Definitely)



(Maybe)

YOU SHOULD CHECK

Wifi Signal Strength

With your iPhone or Android device, walk to the location of your current sprinkler controller, and make sure you have a good connection to your network. If your WiFi signal strength is weak, you may need to move your wireless router or install a WiFi range extender.



Run your existing controller

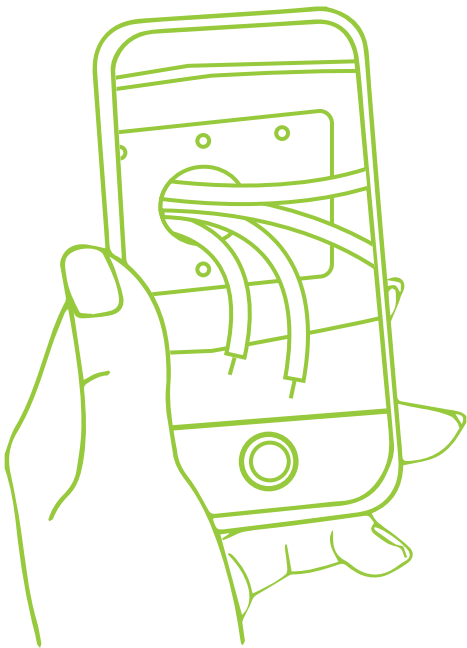
Cycle through all of your zones and make sure everything is working properly.

2. REMOVE OLD CONTROLLER

a

Take Reference Photo

Use your mobile phone to take a photo of your existing controller's wire colors, circuit numbers and placements.



b

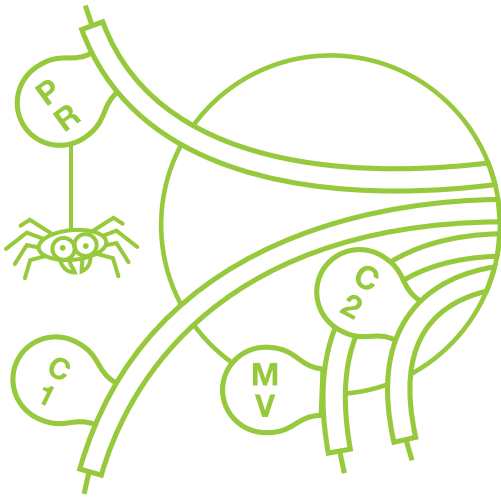
Unplug Old Controller

Unplug your existing controller's power source.

c

Label Wires

Use the wire stickers that came with your Lono to label important wires including the common wire, master valve/pump relay, 3rd party sensors, etc.



d

Remove Old Controller

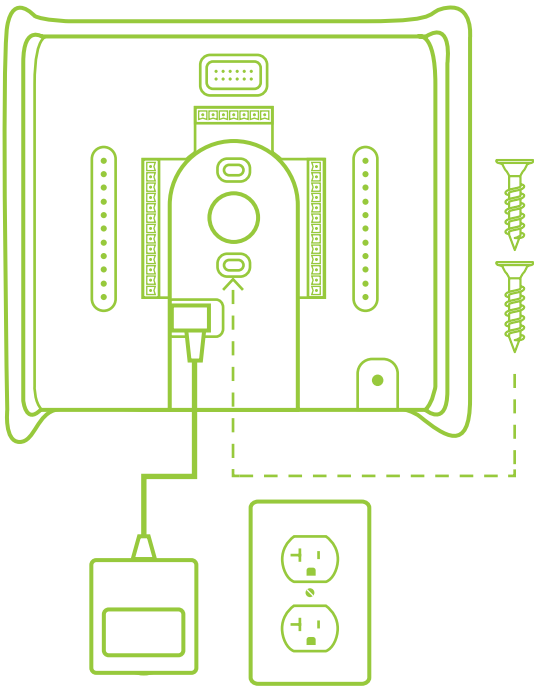
Disconnect wiring, and then remove your old controller from the wall.

3. INSTALL LONO

a

Mount back panel

Take Lono's back panel and mount it to wall using the two mounting screws included in the packaging.



b

Insert Power Adapter

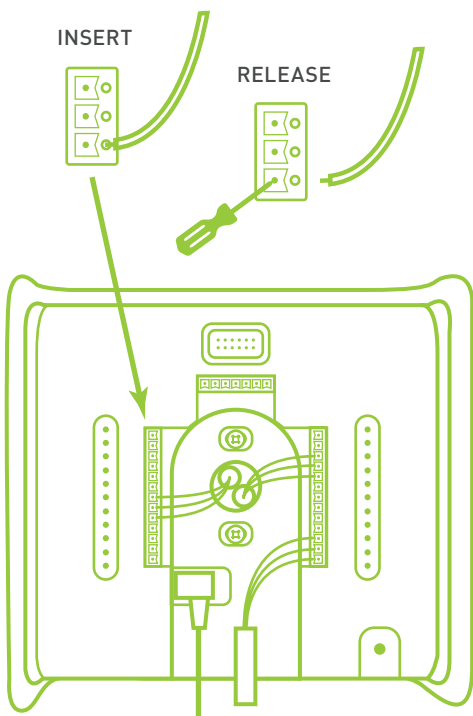
Connect power adapter to Lono, but don't plug into the wall socket just yet.

C

Connect Wiring

Connect each zone wire into the connectors numbered 1-20.

The “C” connectors at the top are for common wires and “S” for external sensors.



You may need wire strippers to expose sprinkler wire from outer sheath.

d

Attach Front Panel

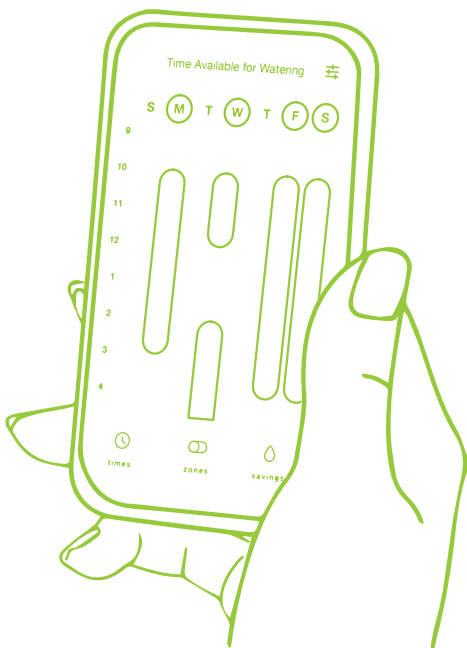
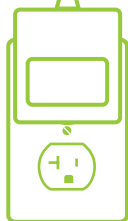
Attach the front panel to the back panel mounted on the wall simply by pushing it into place.



e

Plug In Power Adapter

Now plug the power adapter into the wall.



f

Download the App

Make sure you're connected to your WiFi network. Download the Lono iOS or Android app, create an account and get started!

Visit <https://lono.io/mobile>

TERMS OF USE

Visit <https://lono.io/terms-of-use>

If you have questions regarding the Terms of Use, please contact Lono at support@lono.io

FCC Regulatory Statement

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. Any changes or modifications not expressly approved by manufacturer could void the user's authority to operate the equipment.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Industry Canada Regulatory Statement

This device complies with Industry Canada licence-exempt RSS standard(s). 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.

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.

IMPORTANT! Tous les changements ou modifications pas expressément approuvés par la partie responsable de la conformité ont pu vider l'autorité de l'utilisateur pour actionner cet équipement.

47 CFR 15.505- FCC

NOTE: 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 or more 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.

Changes or modifications not expressly approved by Lono could void the user's authority to operate the equipment.

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

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

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Industry Canada Radiation Exposure Statement

Important Note:

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Note Importante: (Pour l'utilisation de dispositifs mobiles)

Declaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

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CAUTION: Battery may explode if mistreated. Do not recharge, disassemble or dispose of in fire.

