
Product Manual



120V AC 4 Zone Wireless Waterproof Dimmer

SKU: LT-MONO-DRLS-RF

Product Description

Solid Apollo's 120V AC 4 Zone Wireless Waterproof Dimmer is designed to be used with LED Lighting products that work at line voltage of 120V AC. That said, it is fully compatible with our Driverless LED Strip Lights and Neon LEDs.

Built for high voltage applications, the 120V AC Wireless Waterproof Dimmer has a whopping 600W max power perfect for long runs and big projects. It's waterproof industrial casing of IP67 is suited for any outdoor or indoor environment.

Thanks to the included 4 Zone Wireless Remote Control, it will let you control 1 zone and if you wish to control more than one zone, you will just need to add additional receivers that will enable you to control independently up to 4 different zones.



Product Features

- Wireless Dimmer for Driverless LED Strips and Neon Strip Lights
- Waterproof IP67
- Includes Wireless Remote & Receiver
- Control up to 4 Different Zones with Optional Receivers
- Easy Zone Assignment
- Ultra-smooth Dimming 100-10%
- Memory Function
- Great for Installations with Multiple Locations
- 600 Watts Max Power
- Plugs Directly to any 120V AC Outlets

Product Includes:

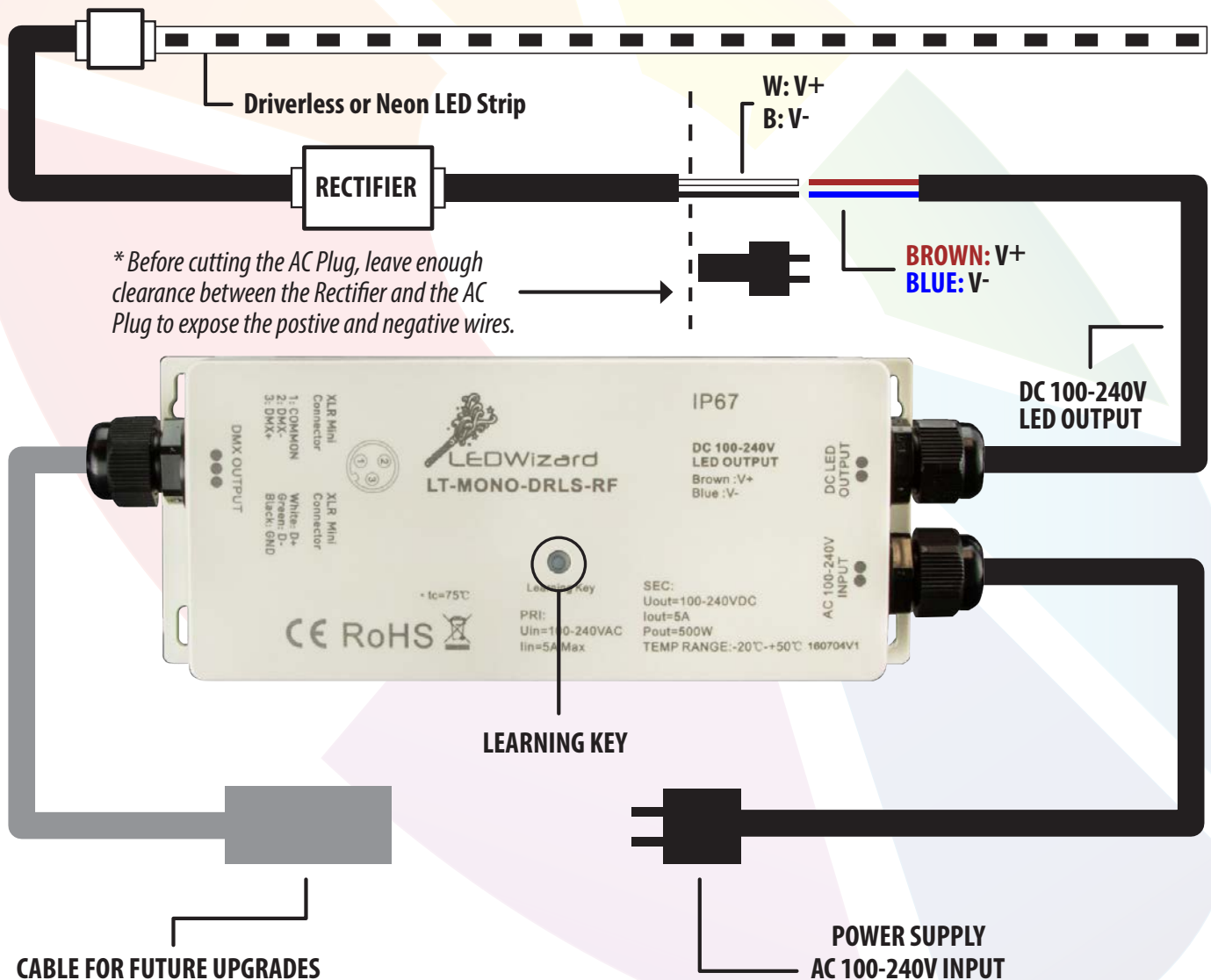
- 1 x Wireless 4 Zone Remote Control w/ Wall Holder
- 1 x 120V AC Wireless Dimmer Receiver

Manual will Review:

- Installation Process
- Product Features and Detailed Functionality
- Technical Parameters

Wiring Diagram

Solid Apollo's 120V AC 4 Zone Wireless Dimmer is easy to install and will operate any single color Driverless LED strips or Neon LED that work at line voltage of 120V AC. The Wiring Diagram below illustrates a guide to successfully and easily install the Driverless LED strips or Neon LED. Please see the next page as it will show you a more detailed instructions on proper installation.

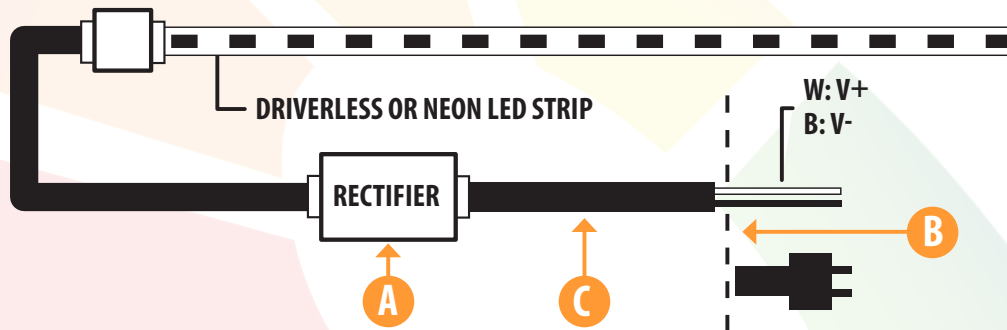


Installation Guide

*** Warning :** Before any modifications, please make sure the 120V AC Wireless Dimmer Receiver and your Driverless LED Strips or Neon LED are **unplugged**. The 120V AC Voltage is dangerous and may cause electrical shock, injury and in some cases death.

Step 1:

- A** Locate the **Rectifier** of your chosen LED Lighting Fixture.
- B** Cut the cord from the **AC outlet side**.
- C** Please keep in mind to **not** cut the cord all the way to the rectifier, but, have enough cord to expose the positive and negative wires.



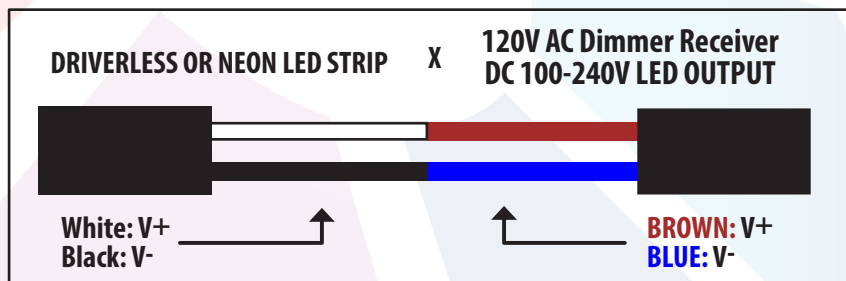
Step 2:

Grab the positive wire and negative wire of your chosen LED Lighting Fixture and match those wires with the 120V AC Dimmer Receiver's positive and negative wire.

LED Lighting Fixture to Wireless Dimmer

Positive: White Wire (V+) to Brown Wire (V+)

Negative: Black Wire (V-) to Blue Wire (V-)



*Please Note:

In order for your 120V Wireless Dimmer Receiver to have a full waterproof connection, you would have to install a waterproof sleeve that goes over the connection or use our **DuoWire Outdoor Waterproof Connector (SKU: SA-LS-2-PIN-GLAND)**.

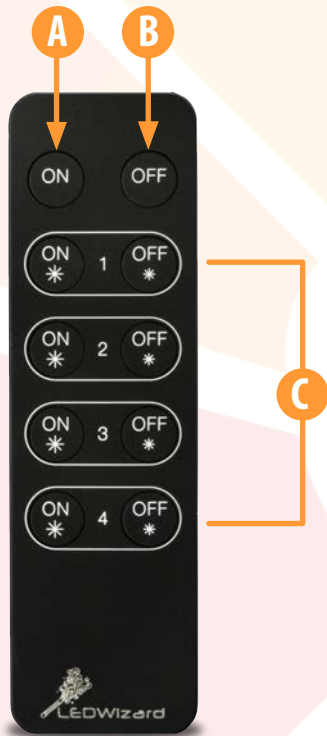
We offer in-store installation should you need it. Please contact us for more information.



DuoWire Outdoor Waterproof Connector

Product Features & Functionality

This section will show you the different functions of your 4 Zone Remote Control, the “Learning Key” on your 120V AC Wireless Dimmer and be able to successfully pair the 4 Zone Remote Control with your 120V AC Wireless Dimmer Receiver.



Button Controls

- A On Button** - Turns all LED Lighting Fixtures On
- B OFF Button** - Turns all LED Lighting Fixtures Off
- C Zone 1 - 4** - Turns LED Lighting Fixtures On or Off in each Zone.
 - * Hold **On** button to **turn up** brightness.
 - * Hold **Off** button to **dim** brightness.

Pairing Process



Learning Key

Step 1: Plug-in your Wireless Dimmer receiver to an AC outlet, your LED fixture should automatically turn **ON**. (if not ON, please see trouble shooting section)

Step 2: If you are using multiple Dimmer Receivers, you have 2 choices:

- Have all Dimmer receivers in one Zone or
- Have each Dimmer receiver in a different zone, for instance, Zone 1, 2, 3 or 4.

* In order for the Dimmer receiver to know what Zone it belongs to, you will need to “pair” it to the zone you wish to use. Begin to sync your receiver and remote by pressing the Learning Key once on the receiver, and then the **On Button** on your selected Zone (for example Zone 1). When done correctly, your lights will blink once, signalling that your receiver and remote are fully synchronized

* If you plan on using more than one receiver and want to pair it with the same remote, repeat **Steps 1 & 2**.

Step 3: Should you have any issues pairing, **hold** the **Learning Key** button down for 10 - 15 seconds to reset it and then repeat **Step 2**.

Re-assigning a Zone

Re-assigning the receiver to a different zone is easy, just press the learning key and then press the ON button of the zone that you would like to re/assign the receiver to (Zone 1-4).

Technical Information

4 Zone Remote Control

- Lightweight Silky Acrylic Finish
- Batteries Included (CR2025)
- Comes with an Easy to Mount Magnetic Wall Holder
- Individual Control of 4 Different Zones
- Easy Zone Assignment
- Ultra-smooth Dimming 100-10%
- Wireless Uninterrupted Range of 50ft.

120V AC Wireless Dimmer Receiver

- High Voltage Applications
- 600W Max Power
- Waterproof Casing for Indoor/Outdoor Use, IP rating of 67
- Memory Function
- Intelligent Channel Assignment

Troubleshoot

1. LED Lights are not turning on when the 120V AC Wireless Dimmer Receiver is plugged in.

Please revert back to the wiring diagram and check your wiring connection to see if the wires matched their corresponding wire (positive to positive and negative to negative). If you have installed the DuoWire Outdoor Waterproof Connector, please make sure that those wires are installed correctly onto their terminals and in relation to their corresponding wire.

2. Remote not pairing or not working...

- **Battery** : If the 4 Zone Remote Control is not pairing properly. Check the batteries or simply just replace them. If you decide on replacing them, please take note of the placement of the battery (facing up on the battery holder or down). Many times, it could be just the battery placed incorrectly. Once you have done that, move on to the pairing process.
- **Pairing Process**: Press and **hold** the **Learning Key** button for about 10 - 15 seconds. This should reset the 120V AC Wireless Dimmer Receiver to factory settings. After that, repeat **Step 2** from the pairing process guide (Page 3).

****Should you have any questions about installation, troubleshooting and other concerns, please don't hesitate to call us at 425.582.7533 and we will be glad to assist you.***