

PRODUCT MANUAL

Glide Wireless LED Dimmer and Receiver



Product Description

Solid Apollo's Glide Wireless LED Dimmer and Receiver is a solution for dimming up to four different LED single color fixtures with one modern and easy-to-use wireless control system. The Glide Wireless LED Remote has beautiful smooth-dimm capabilities while the Glide dim receiver has four outputs, and push-switch capabilities.

This versatile system is perfect for dimming multiple areas of a home, office, or business that are equipped with single color LED lighting fixtures with one, stylish dimming remote. The Glide Wireless LED Remote and Dimmer can power LED Lighting Fixtures from 12-36 Volts (with a maximum power of 180 Watts per output).

Main Functions

- Includes 1 wireless remote and 1 receiver
- Slim and Stylish Remote (5.75" length)
- Battery included with remote.
- On/Off function
- 10-100% dimming
- Memory function (keeps settings even if power loss)
- Accurate Dimming Capabilities
- Up to 100 feet control distance (Unobstructed)

This Manual will review

- The entire Installation Process
- Product Features and Primary Uses
- Detailed Functionality
- Troubleshooting options
- Technical Parameters



This product includes.



Glide Remote

SKU # SA-CTRL-Onyx-dimm



"Mini-Dim" Receiver

PRODUCT MANUAL

Glide Wireless LED Dimmer and Receiver

Installation

Solid Apollo's Glide Remote and Receiver are able to control 4 different single-color LED Lighting fixtures together, from 12-36V. Each output has a max power output (Wattage) of 180 Watts. Each output will be dimmed and powered off together as a whole once the Glide Remote is synchronized with the receiver. There is also an optional Push-Power button for a push-switch to control your lights manually. To setup your dimming system

1. Remove the White Plastic end caps of your receiver to expose the wiring slots.
2. On the left side (as shown in Figure one) you may connect 12-36 Volts of DC power depending on the LED lights you are using. Be sure to know the power required by the number of single color LED fixtures you are powering (180W max per output) , and to have all power turned off and unplugged. Connect your power supply wiring as shown below noting the positive and negative receptacles.

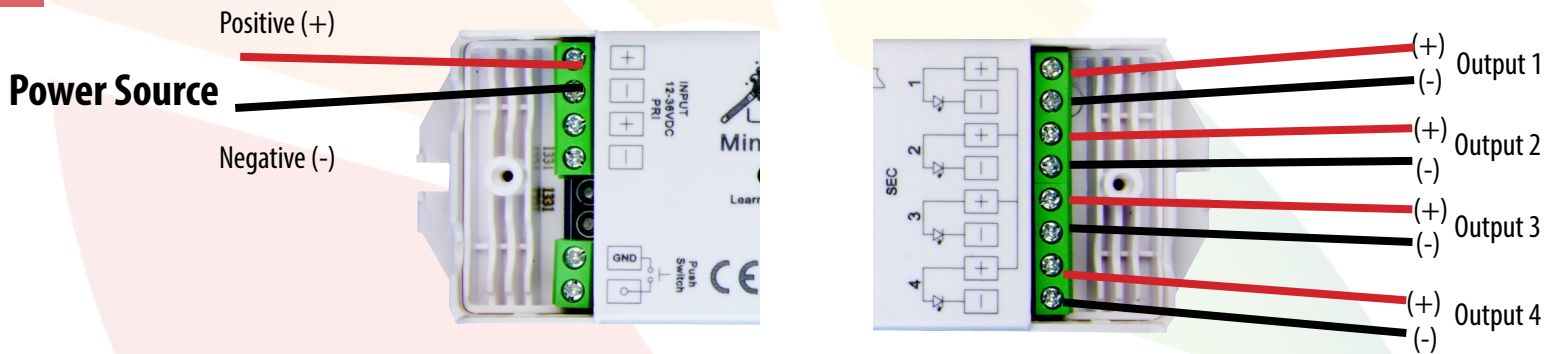


Figure 1.

3. To wire each single-color LED Fixture, first attach each positive and negative DC wire (as shown) and screw down securely on the right hand side of your receiver.
4. Now attach your DC 2 Wire to your unpowered transformer/power supply, and then plug in your device. Your lights will turn on automatically, and your receiver is now ready to synchronize and use. Your controller should look very similar to the below diagram when you are finished wiring.



Figure 2. Wiring the "Mini-Dim" Glide Receiver

PRODUCT MANUAL

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Figure 2. Wiring the “Mini-Dim” Glide Receiver

Synchronizing the Glide Remote and Receiver

This section will show you how to synchronize your Glide Wireless LED Dimmer and receiver, use your remote to control your lights.

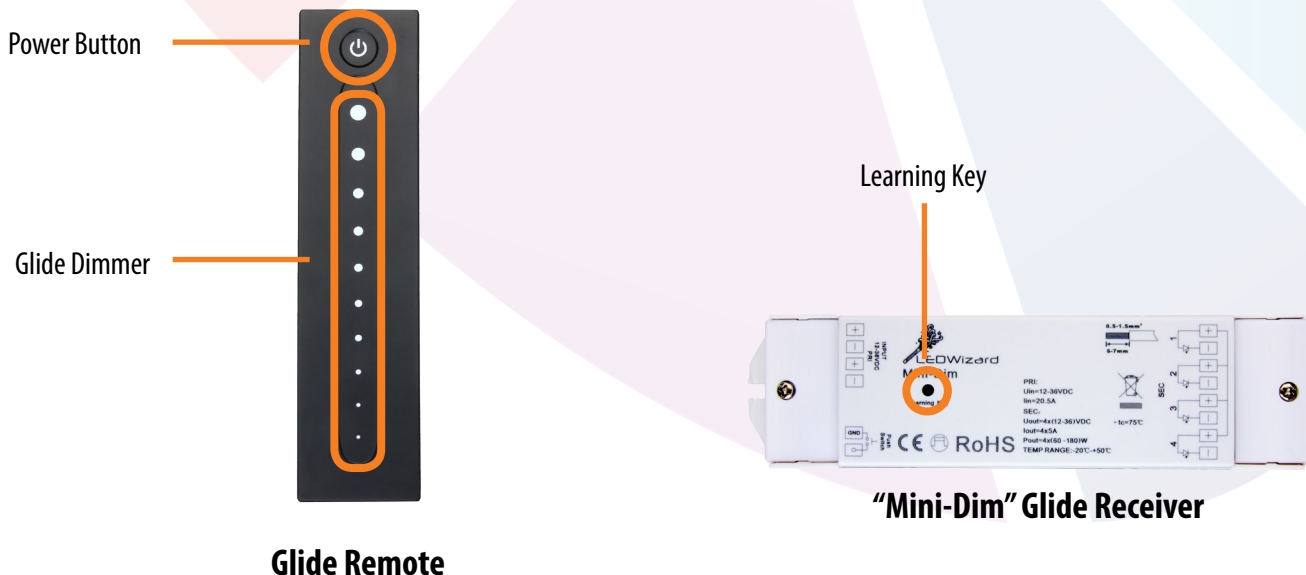
Synchronizing your Remote and Receiver

1. To synchronize your Glide Wireless LED Dimmer and receiver, first ensure that your receiver has power and is on.
2. Your Glide Wireless LED Remote comes with a plastic tab in the battery compartment to prevent power drain during shipping. To operate your remote, simply slide off the cover to the battery compartment, and remove the clear plastic tab. Once you slide the cover back on, your remote is ready to be synchronized with your receiver.
3. Once the plastic tab has been removed from the battery compartment, you can synchronize your lights. Press down and release the learning key on your receiver once. You can now tap or slide your finger on the Glide Dimmer portion of your remote, synchronizing your system. When you have synchronized your system successfully, your lights should flash once, then show a response to your actions.

Operating your Glide LED Dimming Remote

1. Your remote is always on, meaning at any point you can touch the touch sensitive Power Button, or Glide Dimmer to control your lights.
2. When operating the remote, you can control all of the LED strips or lighting fixtures attached to the receiver. Any selection on the Glide Dimmer portion of the Glide Receiver will affect all of the lights attached to the receiver.

Figure 3. Synchronizing your System

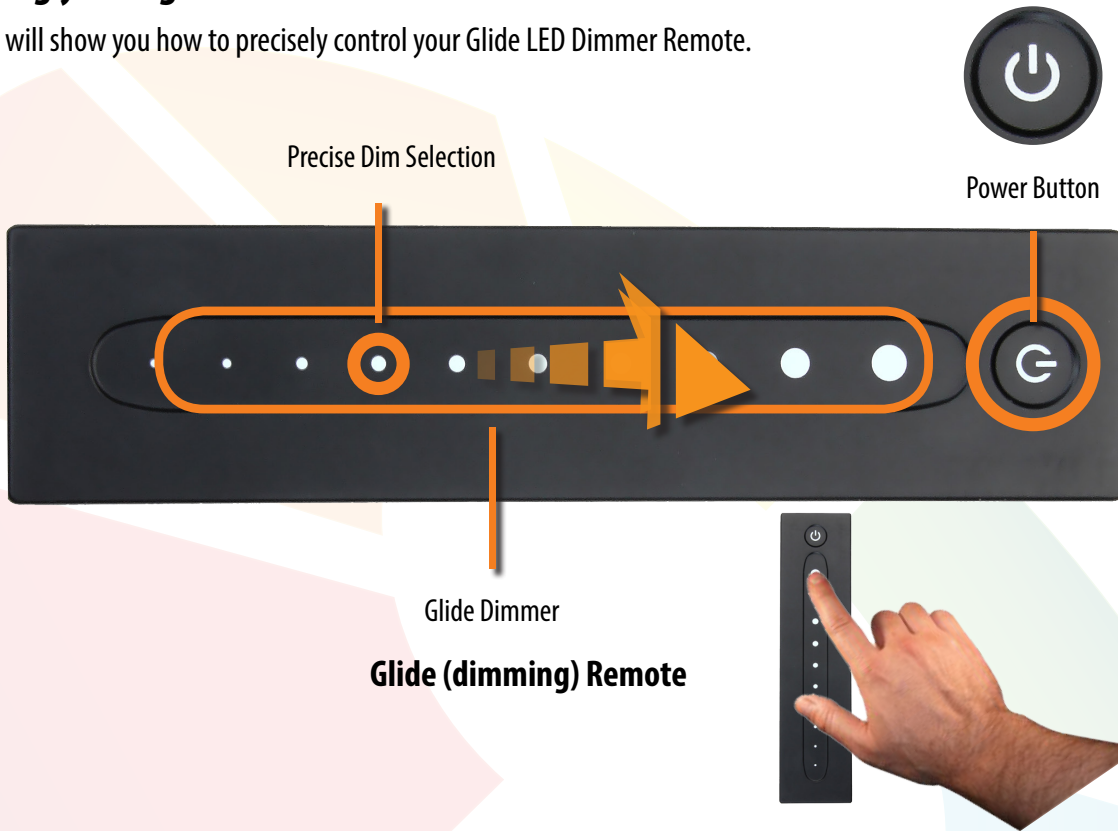


PRODUCT MANUAL

Glide Wireless LED Dimmer and Receiver

Controlling your lights with the Glide LED Remote

This section will show you how to precisely control your Glide LED Dimmer Remote.



Turning your lights on and off.

1. Your lights will automatically respond to your glide dimmer when you tap either the Power Button, or the Glide Dimmer. To turn your system on and off, Simply press the power button located at the top of your Glide remote. This will turn on and off your entire system. Simply press the power button on the remote to engage power and be able to once again control your system.
2. Your receiver will remember the previous setting when your LED lighting fixtures are powered off. The next time you turn your receiver, the same brightness of light will be displayed on all of your LED lighting fixtures.



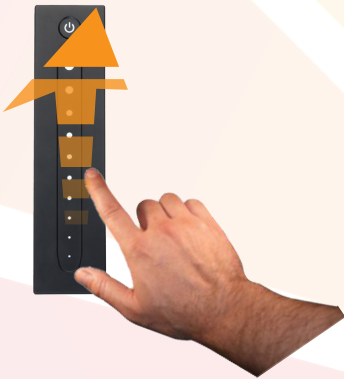
PRODUCT MANUAL

Glide Wireless LED Dimmer and Receiver



Dimming Your LED Lights

1. Your Glide LED Wireless Dimmer can instantly choose just the right brightness for your lighting environment via the Glide dimmer.
2. By pressing anywhere on the glide dimmer, your lights will fade into that brightness for a smooth lighting transition.
3. Alternatively by slide your finger up or down the glide dimmer, you can slowly fade to a different brightness setting. Simply start at the brightness selection you are currently on, and slide up the glide dimmer to brighten your LED lights, and slide down to dim your LED lights.



To Brighten Lights Slide Finger up Remote.



Choose Exact Brightness by touching glide dimmer once on remote.



To Dim Lights Slide Finger down Remote.

Troubleshooting

Resetting and Resynchronizing your Glide Wireless LED Dimming System

1. If you have problems synchronizing your Glide Remote and Receiver, make sure that your receiver has power, and there are no large objects or walls obstructing the signal. To resynchronize your system, hold the "Learning Key" on your current receiver while it is powered on. After 10 seconds of holding, you will have desynchronized your system. This means your remote is no longer synchronized a controller, and you can "resync" your system with your Glide Wireless Dimmer Remote.
2. To do this, start by pressing the "Learning Key" on your receiver. Now, making sure the plastic tab is removed from the battery compartment, move your hand up and down the glide dimmer on the Glide Remote. It will flash to show it has received the signal from your remote, and the receiver and remote are now paired.

PRODUCT MANUAL

Glide Wireless LED Dimmer and Receiver



Technical Information

Remote

- RF Remote Control
- Frequency: 800 mhz
- Battery Type: CR 2025 3V

Receiver

- 12-36V DC PWM
- 3 Output PWM
- Up to 5A per output
- Max 240 Watts @ 12V DC
- Max 480 Watts @ 24V DC
- 30-115°F Operating Temp
- Attaches to a Max of Four Outputs Single Color LEDs