

PRODUCT MANUAL

LEDWizard Dynamic White LED Remote/Receiver



Product Description

Solid Apollo's LED Wizard Dynamic White RF Remote and Receiver let you wirelessly adjust the color temperature of our Dynamic White LED Strips to create any temperature of white you desire. It's easy to use and the results are outstanding. With our Dynamic White Remote and receiver, you can easily select any color temperature from a comfortable warm white to a crystal clear white in seconds.

The LED Wizard Dynamic White Remote and Receiver are ideal for any lighting environment where there is a need to change lighting and accent different products and items. Instead of changing out light bulbs or rewiring, you can now at a touch of a button change the color temperature of the white you desire.



Main Functions

- Easily control the color temperature from warm white to pure white and anywhere in between
- Easily dim lights from 0-100%
- Select color temperature easily with the color Temperature wheel
- Soft ON/OFF function
- Rechargeable battery through USB cable (Included)

This Manual will review

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

This product includes.



Wireless RF Remote



Dynamic White Receiver



USB Charging Cable
(For Remote)

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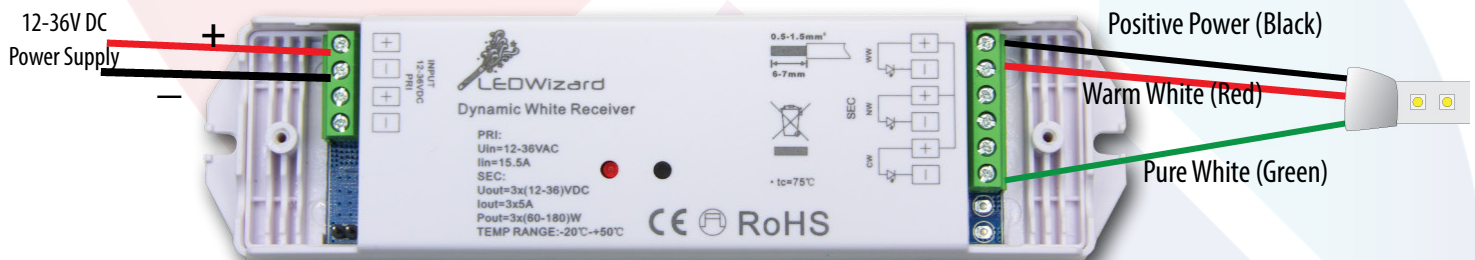


Installation

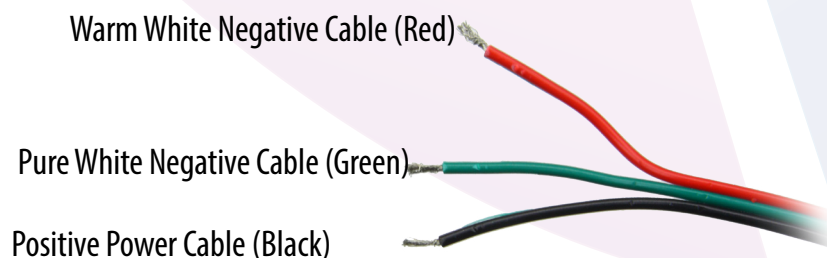
Solid Apollo's Dynamic White Remote and Receiver are able to light up our Dynamic White LED strip at either 44W or 72W with a total max output of 240W. You can connect one or several strips to the receiver, and then use the rechargeable remote to control the brightness, and color temperature, and different levels of warm and cool white as well as On/Off functionality for all of your LED lights. *Please note this remote and receiver will only work together, and only with dynamic white LED fixtures. You should charge your remote via computer/USB device for at least 24 hours before use.*

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 dynamic white LED strips, and to have all power turned off. Connect your power supply wiring as shown below noting the positive and negative receptacles.
3. To wire your Dynamic White strip, first attach the positive black wire to the uppermost (as shown) spot on the right hand side of your receiver. Next, attach the red (warm) negative cable to the indicated slot, and the green (pure) negative cable to the indicated slot.
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 use.

Figure 1. Wiring Your LED Wizard Dynamic White Receiver



Dynamic White Strip Wiring



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Synchronizing the Dynamic White Remote and Receiver

This section will show you how to synchronize your LEDWizard Dynamic White LED Remote and receiver, use your remote to control your lights, and recharge your remote with the provided USB Cable. *Please note you will need to fully charge your remote for 24 hours before use to ensure the best results.*

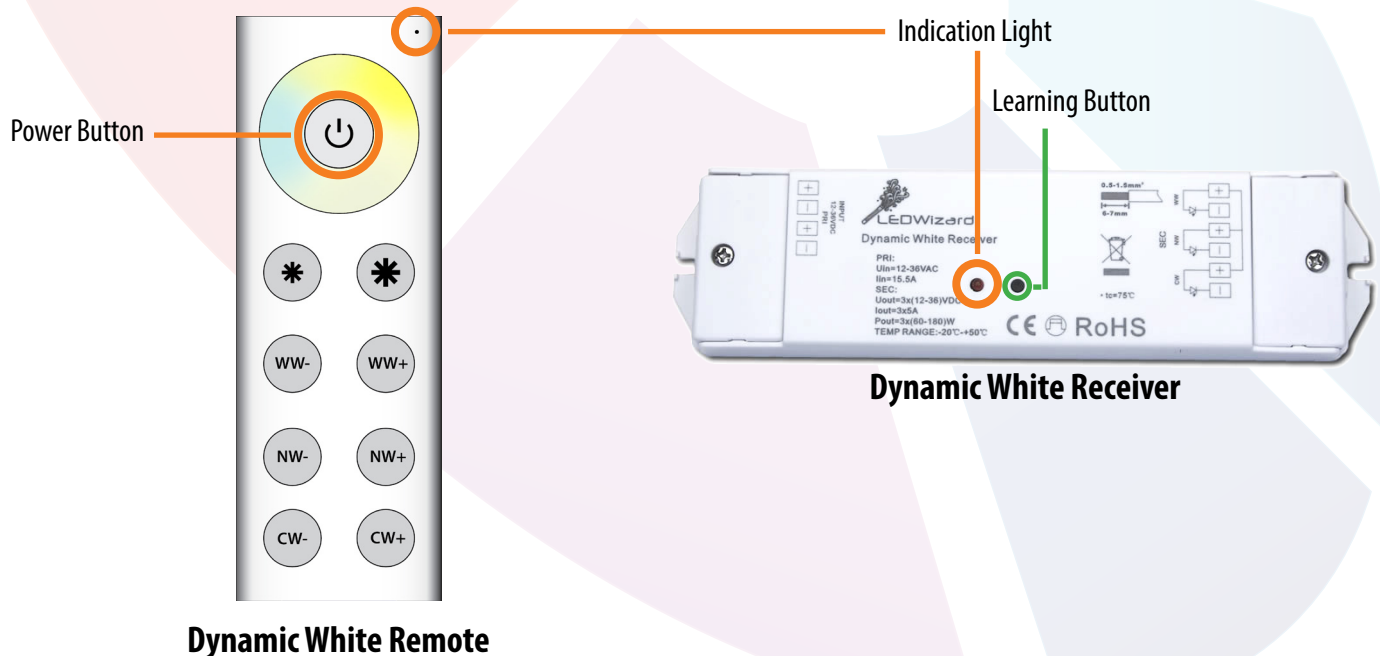
Synchronizing your Remote and Receiver

1. To synchronize your LEDWizard Dynamic White Remote and receiver, first ensure that your receiver has power and is on.
2. Press the Power Button (center of color wheel) on your remote, noting a red light at the top right of the remote. Right after pressing the power button on your remote, press the "Learning Button" as indicated on your receiver, then once again press the power button your remote. You will now see both the Indication light on your receiver and remote blink, indicating your remote is synchronized with that specific Dynamic White LED Controller.

Operating your Dynamic White Remote

1. Your Dynamic White LED Remote is rechargeable and can be charged via the included USB cable from any computer, a USB enabled device or charging port.
2. To turn on your remote, and a synchronized system, simply press the power button in the middle of the power wheel. You can tell if your remote is on from the Red "Indication Light" in the top right corner of the controller (See Figure 2).
3. Once your remote is on, you can control any synchronized Dynamic White LED strip or fixture. Please note that after 10 seconds of no input, your remote will turn off to conserve power. Simply press the power button again to turn on your remote and operate your system.

Figure 2. Synchronizing your System



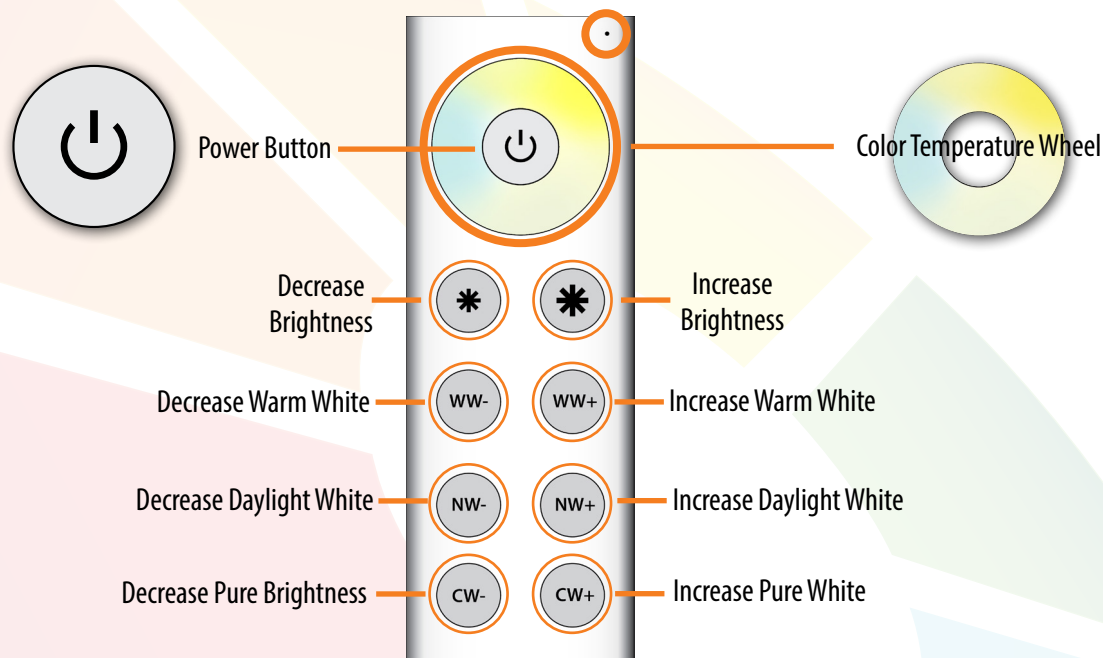
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Controlling your lights with the Dynamic White LED Remote/Receiver

This section will show you how to control your Dynamic White LED lights with your remote.

Synchronizing your System



Dynamic White Remote

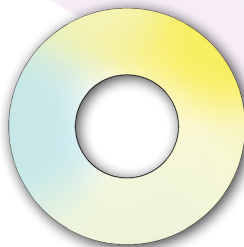
Turning your lights on and off.

1. Your lights will turn on automatically when you power up your Dynamic White Receiver. To turn your system on and off, Simply press the power button located at the center of the color temperature wheel. This will turn on your remote, and leave your lights unaffected.
2. To turn your lights on and off with a synchronized remote/receiver, simply press the power button when the remote is on.
3. Your receiver will remember the previous setting when your LED lighting fixtures and strip are powered off. The next time you turn your receiver, the same color temperature and brightness will automatically be displayed.



Choosing the perfect White with the Color Wheel

1. Your Dynamic White Remote can instantly choose just the right white color for your lighting environment via the Color Temperature Wheel.
2. By moving your finger around the wheel, you can choose a distinct white between Warm and Pure white.
3. Release your finger to have your selection displayed by your Dynamic White LED lighting fixtures.



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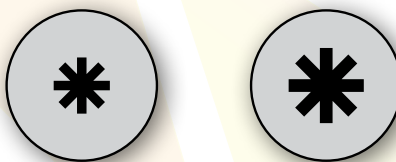
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Controlling your lights with the Dynamic White LED Remote/Receiver Cont.

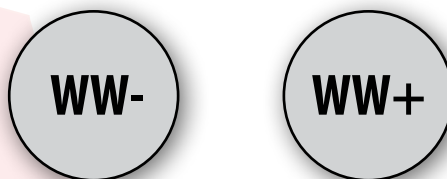
Adjusting Brightness

To change the brightness of your lights at any color setting, use the "Increase Brightness" and "Decrease Brightness" Buttons featured below. By pressing the "Increase Brightness" button, you will make the lights attached to your receiver brighter. By pressing the "Decrease Brightness" button, your lights will dim to a lower brightness setting.



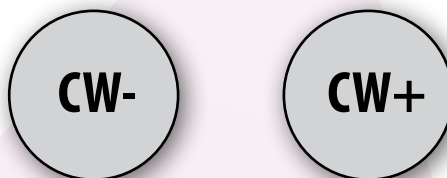
Adding and Subtracting Warm White Color

Using the "Add warm light" and "Subtract warm light" buttons featured below allow you to fine tune the amount of warm light your Dynamic White LED Strip emits. Pressing the "Add warm light" button will increase the brightness of only your Warm White LEDs while Pressing the "Subtract warm light" button will decrease the brightness of only your Warm White LEDs.



Adding and Subtracting Pure White Color

Using the "Add pure light" and "Subtract pure light" buttons featured below allow you to fine tune the amount of pure light your Dynamic White LED Strip emits. Pressing the "Add pure light" button will increase the brightness of only your Pure White LEDs while Pressing the "Subtract pure light" button will decrease the brightness of only your Pure White LEDs.



Adding and Subtracting Daylight White Color

Solid Apollo's Dynamic White Remote and receiver are able to control a neutral/daylight white channel where available. Though most LED lighting fixtures utilize a Pure White and Warm White LED, those with an additional Daylight white LED are able to be controlled using your Dynamic White remote and receiver. Using the "Add daylight light" and "Subtract daylight light" buttons featured below allow you to fine tune the amount of daylight light your Dynamic White LED Strip emits. Pressing the "Add daylight light" button will increase the brightness of only your Daylight White LEDs while Pressing the "Subtract daylight light" button will decrease the brightness of only your Daylight White LEDs.



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Troubleshooting

Synchronizing with a Different Receiver

1. To Synchronize your remote with a different receiver, simply press and hold the "Learning Button" on your current receiver while it is powered on. After 10 seconds of holding, you will see your indication light on your receiver blink rapidly. This indicates your remote is no longer synchronized to that controller.
2. You may now synchronize your remote with a different Dynamic White receiver as described above.

Remote not responding

1. First check to see if the right light located at the top right of the remote is on (solid red). If it is not, press the power button to turn your remote on in order to control your receiver and your lights.
2. If the indication light does not turn a solid red on your remote, even when you press the power button, charge your remote via a powered USB device such as a computer, USB hub, or USB charger for 24 hours to fully power up your remote.

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Technical Information

Remote

- RF Remote Control
- Rechargeable Via Included USB

Receiver

- 12-36V DC PWM
- 3 Channel PWM
- Up to 5A per channel
- Max 240 Watts of power
- 30-115°F
- Attaches at max three wire Dynamic White LED Fixtures Only (total 240 watts)