

INSTALLATION INSTRUCTIONS
DMX-RGBTW-1Z



⚠ WARNING

These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, current electrical codes, and/or the current National Electric Code (NEC).

⚠ WARNING

This controller requires a 12-24V DC power supply (LED-DR series driver sold separately). Disconnect supply power at the source prior to installation.

SAFETY INFORMATION

- Read all instructions before beginning; Save these instructions for future use.
- To reduce the risk of fire, electric shock, or injury to persons, pay close attention to this manual and stay within its guidelines when using this product.
- This controller is rated IP20; avoid the sun and moisture.
- Avoid using controller in areas where extreme hot, cold, dust, or humidity exist.
- This controller is suitable for indoor, dry locations only.
- Always be sure to mount this controller in an area with proper ventilation to avoid overheating.

INSTALLING CONTROLLER (SEE FIGURES 1 & 2):

This controller requires a 12-24V DC power supply (LED-DR series driver sold separately).

This controller requires a DMX512 Signal receiver for operation (REC-DMX-5A-4Z or REC-DMX-5A-4Z-PLUS sold separately).

1. Determine desired location of controller. Cut a hole approximately 1-3/4" wide x 2-5/8" high.
2. At the base of the controller, there is a slot where the faceplate meets the mounting plate. Insert a flathead screwdriver into the slot to pop the two pieces apart.
3. Bring 12-24V DC supply power to the controller, matching polarity (See Figure 2).
4. Connect controller to REC-DMX-RJ45A-5CH receiver, matching inputs and outputs: Ground to Ground, D- to D-, D+ to D+ (See Figure 2).
5. Set the mounting plate into the 1-3/4" x 2-5/8" cut hole.
6. Secure mounting plate to mounting surface with appropriate screws on both the top and bottom of the controller. (Controller includes two #8-32 screws for optional single-gang switch j-box mounting; j-box not included)
7. Set faceplate cover over installed mounting plate and snap into place.

FIGURE 1

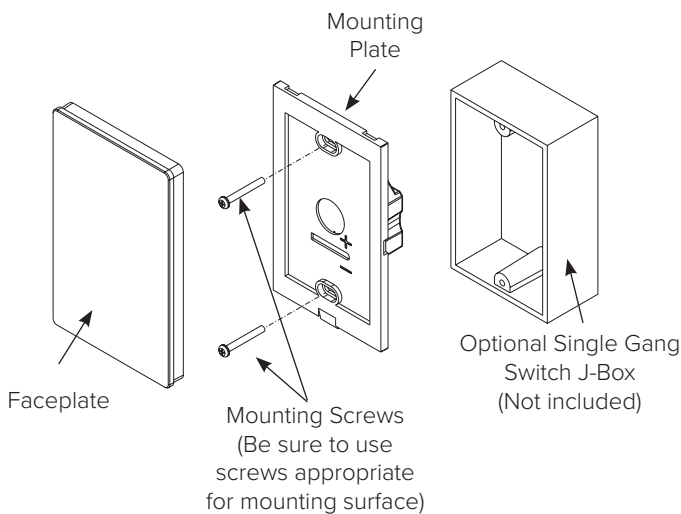
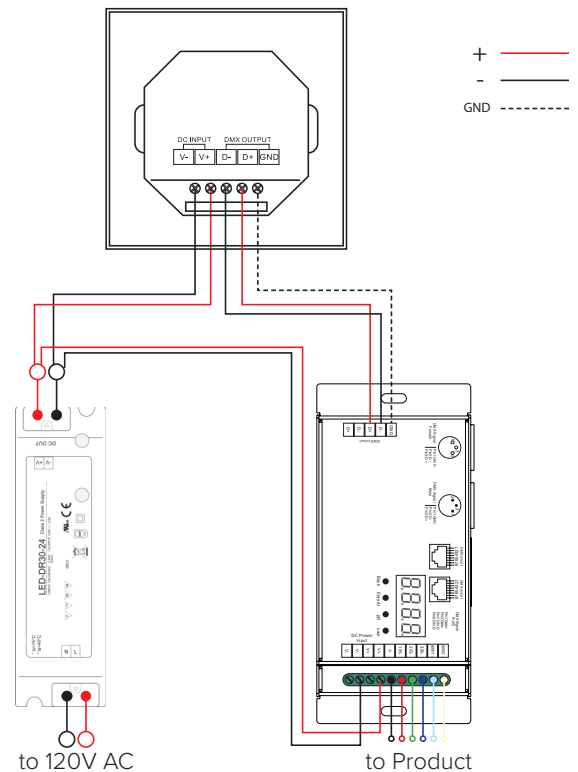


FIGURE 2



to 120V AC
to Product
Controllers and receivers may be powered by the same driver on the secondary side



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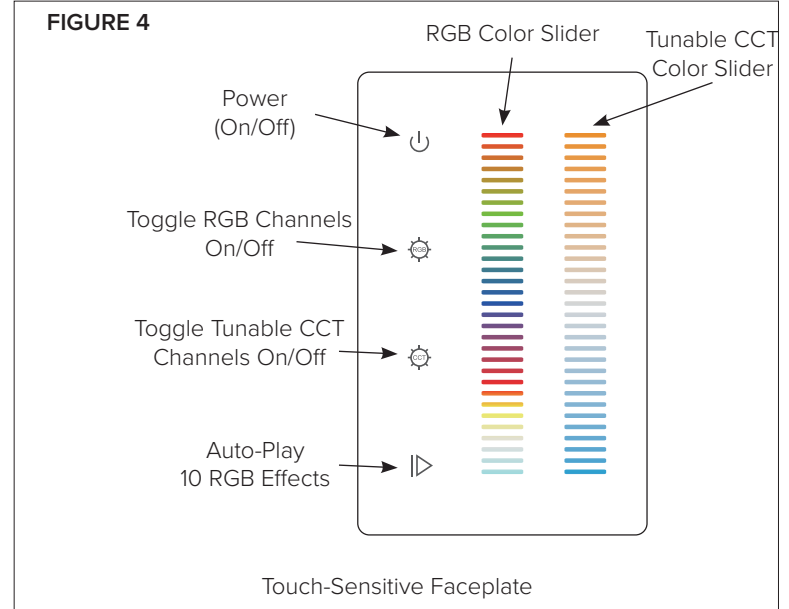


OPERATING CONTROLLER (SEE FIGURE 4):

This controller requires a 12-24V DC power supply (LED-DR series driver sold separately).

1. Touch the power icon for On/Off power control.
2. The icon will toggle the RGB channels On/Off. Press and hold to adjust brightness.
3. The icon will toggle the Tunable CCT WW/WH channels On/Off. Press and hold to adjust brightness.
4. Use the RGB color slider to adjust RGB channels.
5. Use the Tunable CCT slider to adjust the WW and WH channels.
6. The icon will toggle through 10 preset RGB auto play effects.

FIGURE 4



CARE AND MAINTENANCE:

1. For cleaning, use a soft, dry or damp cloth. Do not use harsh chemicals or abrasives.

FCC Compliance 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.

FCC WARNING

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 the receiver.
- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.