

**INSTALLATION INSTRUCTIONS**

REC-5A-4Z



**⚠ 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 receiver requires a 12-36V DC power supply (LED-DR series driver recommended, sold separately). Disconnect supply power at the source prior to installation.

**SAFETY INFORMATION**

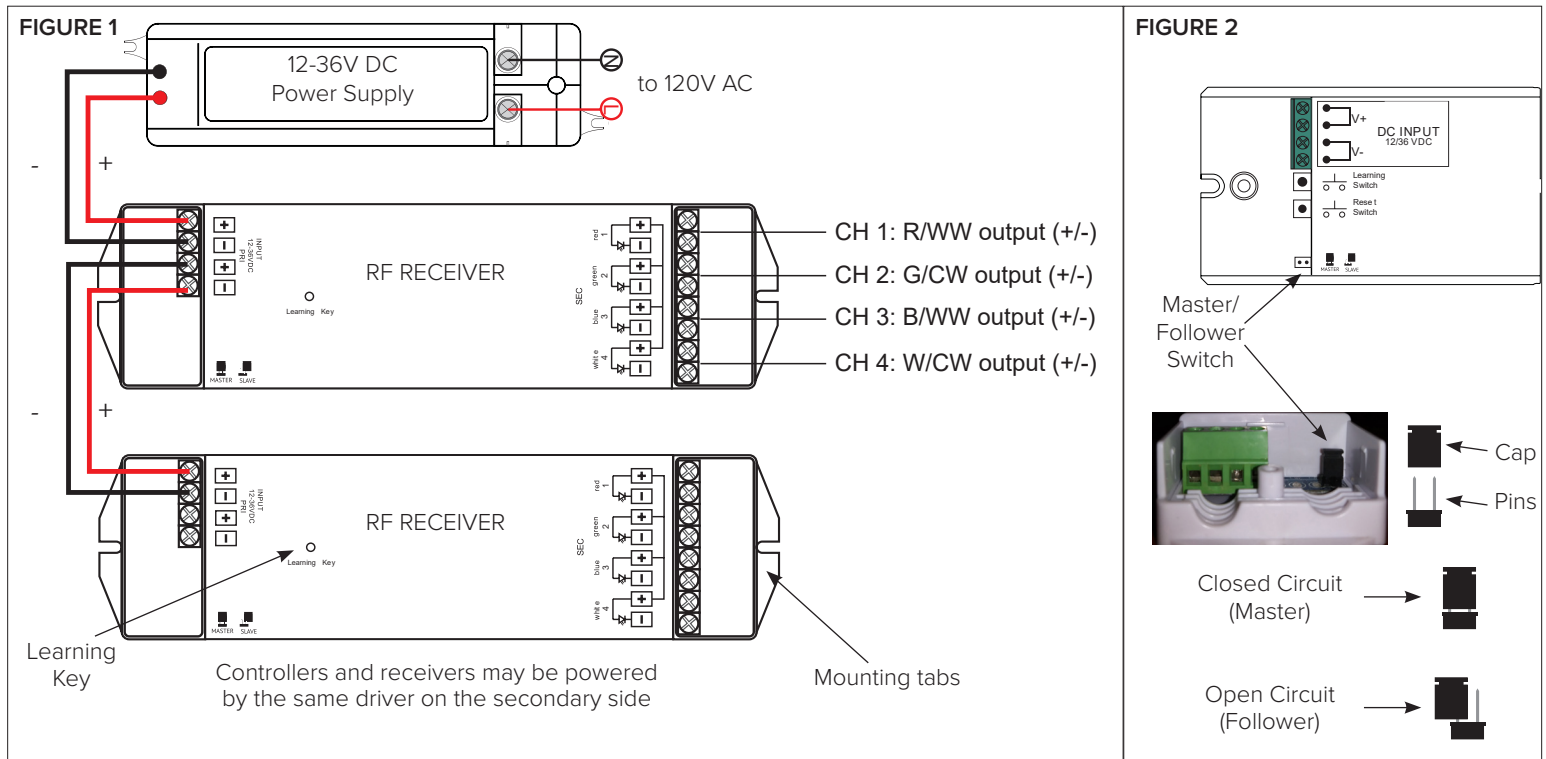
- Read all instructions before beginning; Save these instructions for future use.
- To reduce the risk of fire, electric shock, or injury to persons, pay close attention to this manual and stay within its guidelines when using this product.
- This receiver is rated IP20; avoid the sun and moisture.
- Avoid using receiver in areas where extreme hot, cold, dust, or humidity exist.
- This receiver is suitable for indoor, dry locations only.
- Always be sure to mount this controller in an area with proper ventilation to avoid overheating.
- This product has an operating temperature range of -20°C to 50°C.
- Never connect any cables while power is on and always ensure correct connections to avoid short circuits prior to switching on. Ensure all wires and cables are secured tightly in the connector prior to operation.
- For cleaning, use a soft, dry or damp cloth. Do not use harsh chemicals or abrasives.
- This receiver is rated for 12-36V DC input with a maximum line-in of 20.5A.
- This receiver has 4 output terminals rated for 5A/60-180W each.

**INSTALLING RECEIVER (SEE FIGURES 1 and 2):**

This receiver requires a 12-36V DC power supply (12V DC or 24V DC LED-DR series driver recommended, sold separately). This receiver requires a Trulux Radio Frequency controller or Trulux WiFi Hub for operation (both sold separately).

1. Determine desired location of receiver. Mounting tabs on either end of the receiver may be utilized to secure receiver in place via screws.
2. This receiver has 4 x 5A current output terminals that can be used in conjunction with Trulux Radio Frequency controls to control single color, Tunable CCT, RGB, and RGB+WW fixtures. Wire the receiver to a fixture by following the fixture's instructions manual and wiring diagrams, ensuring to match polarity (wiring varies depending on product). Connect fixture prior to bringing any power to the system.
3. Bring 12-36V DC supply power to the controller, matching polarity (See Figure 1).

Note: To establish a Master/Follower system where one 'master' receiver instructs multiple connected 'follower' receivers to respond in sync, bring 12-36V DC supply power to each receiver and interconnect as shown in Figure 1. On the input side of each receiver, there is a black plastic cover over two pins; pull this black cover off to set master vs slave. A closed circuit (cap is covering both pins) sets the master and an open circuit (cap is covering only 1 pin) sets the followers (See Figure 2). After installing the master/follower system, the master receiver will need to be powered On/Off once for the mater function to take effect.



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**SYNCING RECEIVER WITH A RADIO FREQUENCY CONTROLLER (SEE FIGURE 3):**

This receiver requires a Trulux Radio Frequency controller for operation (sold separately). Each receiver can be synced to a maximum of 8 Trulux RF Controllers at one time.

1. Touch the power icon on the controller once to turn on power to the controller.
2. Press the “Learning Key” on the receiver.
3. Select a zone by touching one of the four zone icons on the controller, then touch the slide dimmer to activate controller.
4. Once successfully synced, the connected light source will blink.
5. Repeat steps 2-3 when syncing multiple receivers to a single controller.
6. Press and hold the “Learning Key” for over 3 seconds to clear out saved sync data when wanting to reset scenes or zones.

**FIGURE 3**

