

INSTALLATION INSTRUCTIONS  
RF-RGBW-USB



**⚠ 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 is battery operated and includes a non-serviceable, USB rechargeable lithium battery. Only recharge battery using included USB cable.

**SAFETY INFORMATION**

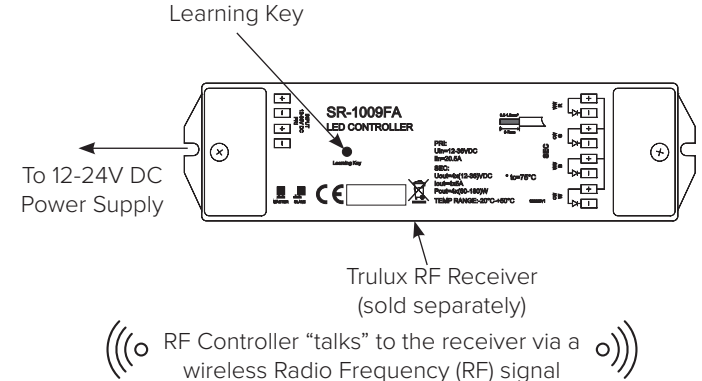
- Read all instructions before beginning; Save these instructions for future use.
- To reduce the risk of fire, electric shock, or injury to persons, pay close attention to this manual and stay within its guidelines when using this product.
- This controller is rated IP20; avoid the sun and moisture.
- 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 store this controller in an area with proper ventilation to avoid overheating.

**SYNCING CONTROLLER TO RECEIVER (SEE FIGURES 1 & 2):**

This controller is battery operated and includes a non-serviceable, USB rechargeable lithium battery. This controller requires a Radio Frequency receiver for operation (REC-5A-4Z or REC-5A-4Z-WiFi sold separately).

1. Press the power button on the controller once to turn on power to the controller.
2. Press the “Learning Key” on the receiver.
3. Select a zone by pressing one of the four zone buttons on the controller, then touch color wheel 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” to clear out saved sync data when wanting to reset scenes or zones.

FIGURE 1

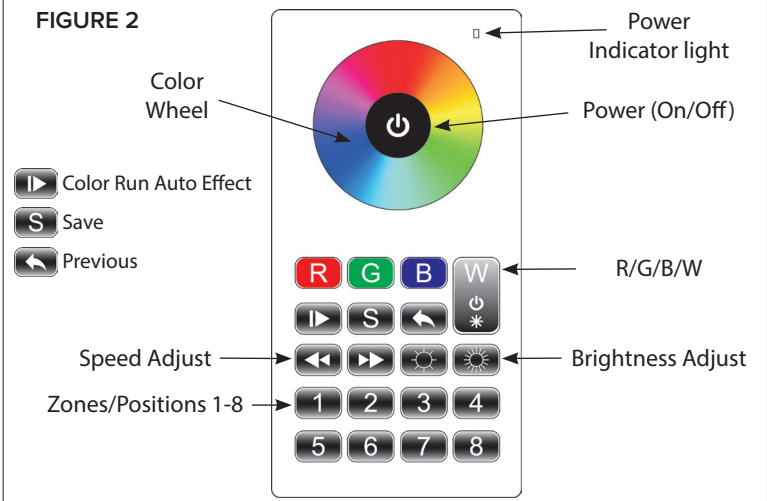


**OPERATING CONTROLLER (SEE FIGURE 2):**

This controller is battery operated and includes a non-serviceable, USB rechargeable lithium battery.

1. Press power button in center of color wheel for On/Off power control. The power indicator light will turn on when remote is awake.
2. Touch and slide the color wheel for independent color control.
3. Press the pre-set R/G/B/W buttons to turn On/Off corresponding pre-set color; press and hold to dim corresponding color.
4. Press and hold brightness buttons for 8 levels of dimming control on RGB channels; White can only dim with corresponding W button.
5. To utilize color run auto effect, press the color run auto effect button to toggle through 10 pre-set modes (1-On, 1-Off, 2-On, 2-Off, Etc.); Press and hold for chasing color run mode.
6. Press the previous button to return to previous color or mode.
7. To select a zone, press one of the eight zone buttons once. Press and hold a zone button to turn zone On/Off. Memory can select multiple zones simultaneously.
8. To save a position, select desired zone by pressing zone button, set desired color or mode settings, press and hold the save button, then select desired position by pressing corresponding position button. Each zone can remember up to 8 positions.

FIGURE 2



**CARE AND MAINTENANCE:**

1. For cleaning, use a soft, dry or damp cloth. Do not use harsh chemicals or abrasives.
2. This controller is battery operated and includes a non-serviceable, USB rechargeable lithium battery. Do not attempt to remove or replace rechargeable battery. Only recharge battery using included USB cable. If swallowed, batteries could cause severe injury or death. Seek medical attention immediately.