

CCT ROTARY WALL REMOTE (RF) SR SERIES

DESCRIPTION:

The CCT Rotary Wall Remote is an RF wall-mounted controller designed for dual-color (warm white and cool white) LED lighting. It offers precise brightness and color temperature adjustments with smooth dimming from 0.1% to 100% without flickering. A double-click function allows seamless switching between brightness dimming and color temperature control. This controller supports a single zone with unlimited receivers and is compatible with RF power repeaters for expanded output.



FEATURES:

- RF wall-mounted controller for dual-color LED lighting
- Rotary adjustment with sensitive rotation control
- Smooth dimming without flickering for enhanced eye comfort
- Double-click function for switching between brightness and color temperature adjustment
- Supports unlimited receivers per zone, with each receiver controllable by up to 8 remotes
- Soft on/off lighting transitions for visual comfort
- Battery-powered for wireless operation
- Compatible with all universal RF receivers



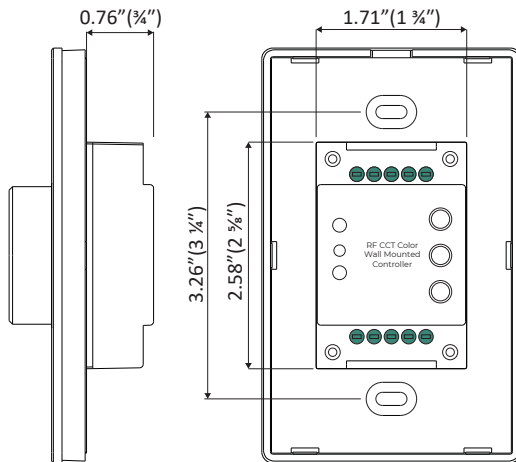
APPLICATIONS:

- Residential
- Commercial
- Hospitality
- Retail
- Theaters
- Museums

TECHNICAL SPECIFICATIONS:

Output Signal	RF Signal
Radio Frequency	916.5MHz
Control Range	Up to 65.6 ft
Power Supply	3V (CR2032 Battery)
Power Consumption	10 mA
Operating Temperature	32°F to 104°F
Relative Humidity	8% to 80%
Waterproof Rating	IP20
Battery Lifespan	5 years
Dimensions	2.58 x 3.26 x 1.71 in

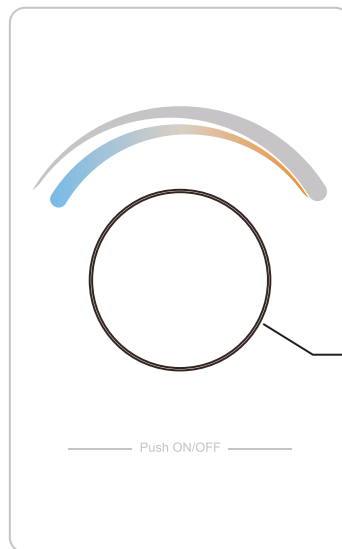
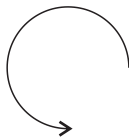
DIMENSIONS:



FUNCTION INTRODUCTION:

Rotate the knob counterclockwise to:

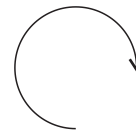
1. Reduce light intensity from 100% to 1% in brightness mode.
2. Adjust the color temperature from warm white to cool white in dual-color mode.



Front side

Rotate the knob clockwise to:

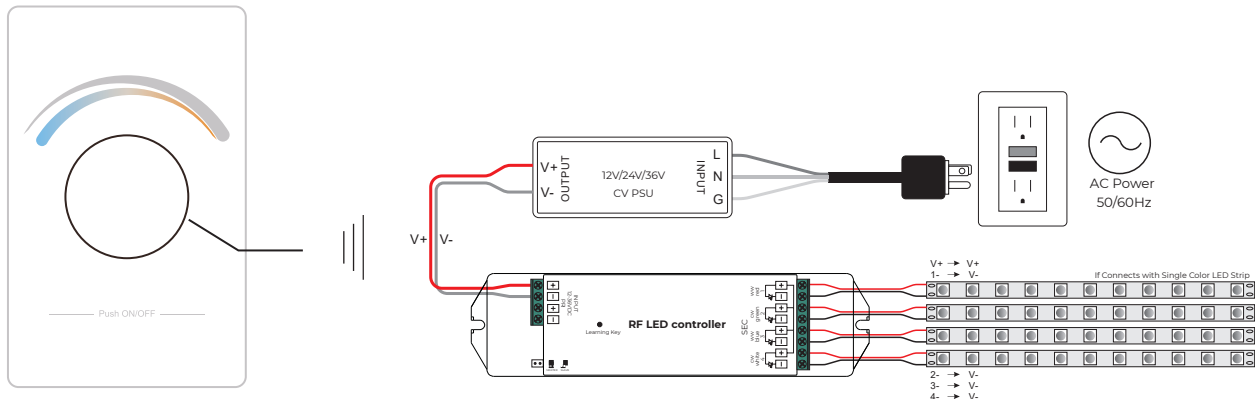
1. Brighten the light from 1% to full intensity in brightness mode.
2. Shift the color temperature from cool white to warm white in dual-color mode.



Press the knob to turn the light ON or OFF.
Hold down the knob to increase brightness to 100%.
Double-click the knob to toggle between dual-color mode and brightness mode.

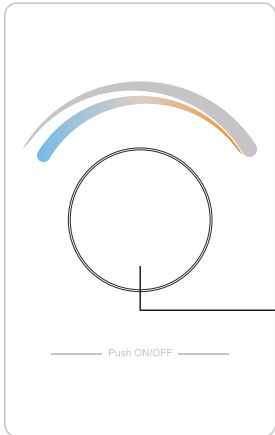
WIRING DIAGRAM:

For single-color LEDs:



Note: Each Device Sold Separately

PAIR WITH RF RECEIVER:



Step 1: Connect the Wiring – Wire the wall panel and RF receiver according to the wiring diagram.

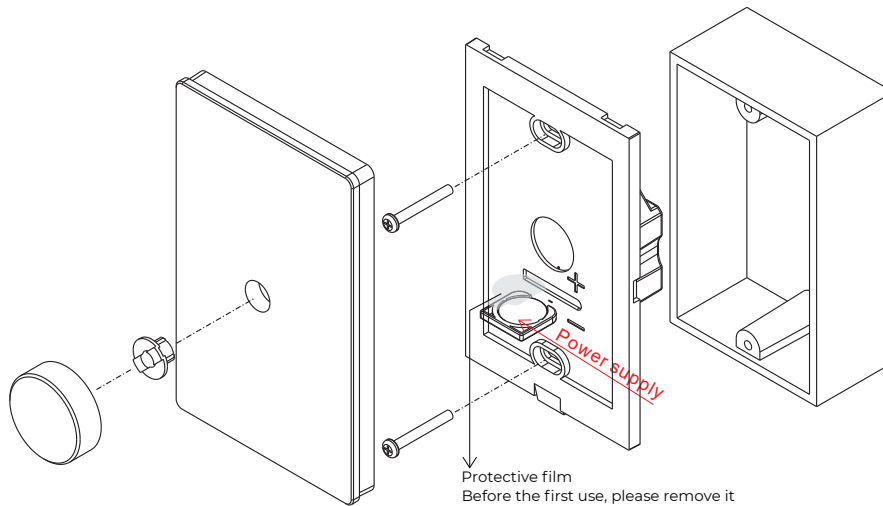


Step 2: Activate Pairing Mode – Press the “Learning Key” button on the RF receiver or power cycle the receiver three times to enter pairing mode.

Step 3: Complete Pairing – Rotate or press the knob; if the connected LED lights blink once, the pairing is successful.

Note: Each receiver can pair with up to 8 remote controls.

INSTALLATION:



SAFETY AND WARNINGS:

- Ensure power is turned off before installation.
- Keep the device away from moisture.

COMPATIBLE RECEIVER (SOLD SEPARATELY):

RGBW 4 CHANNEL CONTROLLER (RF) SR SERIES

- SKU: CONT-SR-1009FA
- Input Voltage: 12-36V DC
- Wattage: 240-720W
- Output Current: 5A per channel
- IP Rating: IP20



RGB ROTARY WALL REMOTE (RF) SR SERIES

DESCRIPTION:

The RGB Rotary Wall Remote (RF) provides a versatile control RGB LED Lighting. This remote offers a feature of rotary knob to control brightness adjustments and color tone, ensuring a comfortable and visually appealing lighting experience. The remote's flicker-free dimming feature from 0.1% to 100% protects the eyesight, while its ability to manage a single zone with an unlimited number of receivers provides flexibility in lighting applications. Additionally, when paired with a WiFi-RF converter, the remote can be integrated into a smart home system, enabling convenient app-based control via iOS or Android devices.



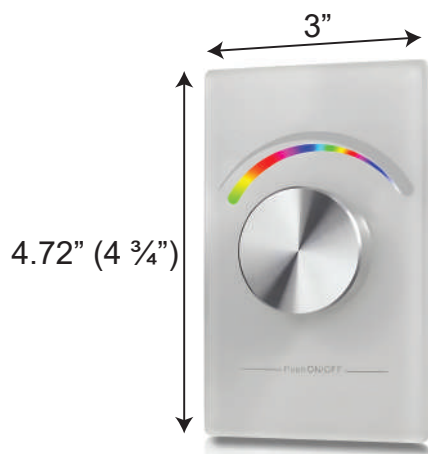
FEATURES:

- Reliable switch and dimming control, range $\geq 65\text{ft}$.
- Smooth on/off transitions without flashing.
- Expandable output power with power repeater.
- Control 1 zone with unlimited receivers.
- Each receiver supports up to 8 remotes.
- Rotary adjustment via wall panel.
- Switch between color dimming and RGB adjustment.
- Battery life lasts up to five years.

APPLICATIONS:

- Home Lighting Control
- Commercial Lighting
- Architectural Lighting
- Landscape Lighting

DIMENSIONS:



TECHNICAL SPECIFICATIONS:

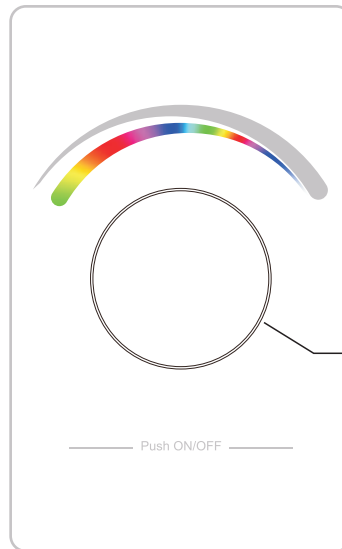
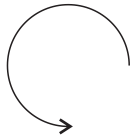
Operation Voltage	3VDC
Output Signal	RF signal
Power Supply	3V(CR2032)
Radio frequency	916.5MHz
IP Rating	IP20
Dimming range	0.1%-100%
Power consumption	10 mA
Operating temperature	32°F-104°F
Relative humidity	8% to 80%
Glass interface	White
Remarks	Rotation sensitive

FUNCTION OVERVIEW:

Counterclockwise knob rotation:

Dims the light from 100% to 1% (Brightness Mode).

Changes the RGB color (RGB Color Mode).

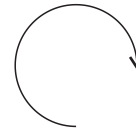


Front side

Clockwise knob rotation:

Increases the light from 1% to 100% (Brightness Mode).

Changes the RGB color (RGB Color Mode).

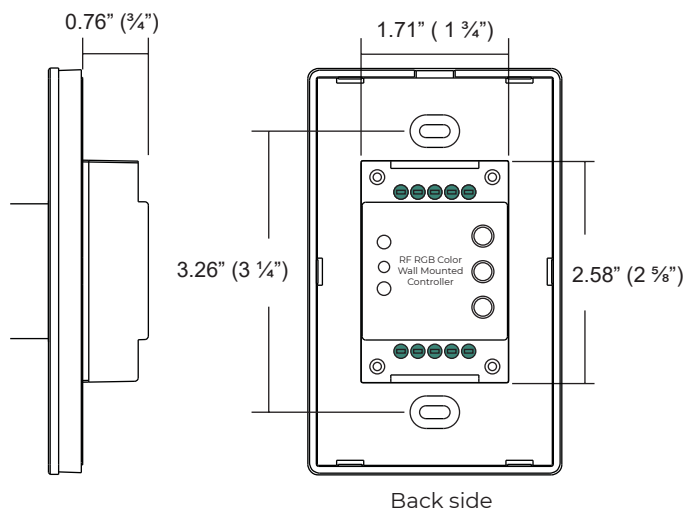


Click the knob: Turns the light ON or OFF.

Press and hold the knob: Instantly sets brightness to 100%.

Double-click the knob: Switches between RGB Color Mode and Brightness Mode.

DIMENSIONS:



Back side

PAIRING WITH RF RECEIVER:



Step 1: Connect the RF receiver by following the wiring diagram in the RF receiver's manual.

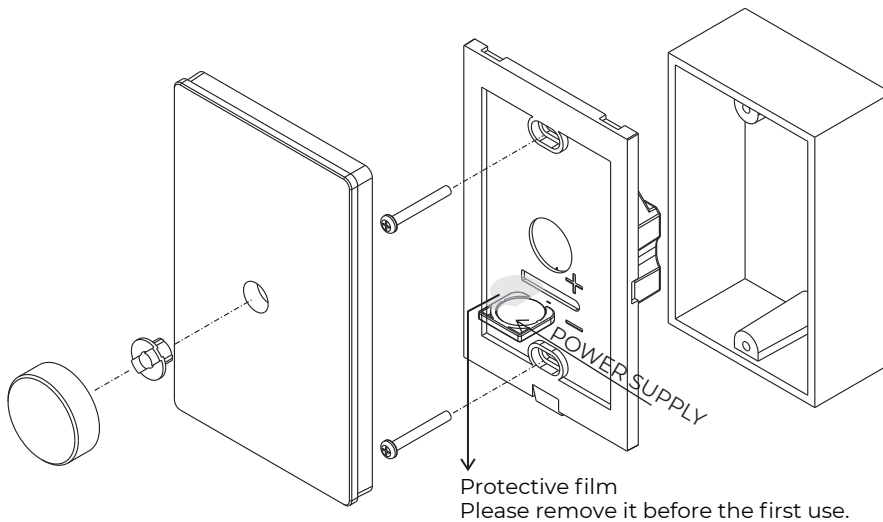


Step 2: Press the "Learning Key" on the RF receiver to activate pairing mode.

Step 3: Rotate or press the knob on the remote. The connected LED lights will flash once, confirming successful pairing.

Note: Each RF receiver can pair with up to 8 remotes.

INSTALLATION:



SAFETY AND WARNINGS:

- Please ensure that the main power is turned off prior to installing the device.
- Avoid exposing the device to moisture.

COMPATIBLE RECEIVER:

RGBW 4-CHANNEL CONTROLLER (RF) SR SERIES

- SKU: CONT-SR-1009FA
- Input Voltage: 12-36VDC
- Wattage: 240-720W
- Sold Separately



CCT ROTARY DESKTOP REMOTE (RF) SR SERIES

DESCRIPTION:

The CCT Rotary Desktop Remote is a radio frequency (RF) rotary control designed for dual-color LED lighting, offering smooth brightness dimming and precise color temperature adjustments between warm white and cool white. Featuring a user-friendly rotary knob, it provides flicker-free control with a 0.1% to 100% dimming range. Double-click function allows seamless switching between brightness and color settings. Powered by a long-lasting battery, it controls a single zone with unlimited receivers and features a table-mounted design for effortless installation.



FEATURES:

- RF rotary control with brightness dimming and color temperature adjustment for dual-color LED lighting.
- Reliable and stable switch and dimming control with a 65ft range.
- Smooth on/off switching without flashing, ensuring eye comfort.
- 0.1% to 100% dimming range without flickering.
- Supports power repeaters to expand output power indefinitely.
- Controls one zone with unlimited receivers; each receiver can be paired with up to 8 remotes.
- Table-mounted design with easy installation.
- Long battery life, lasting up to 5 years.



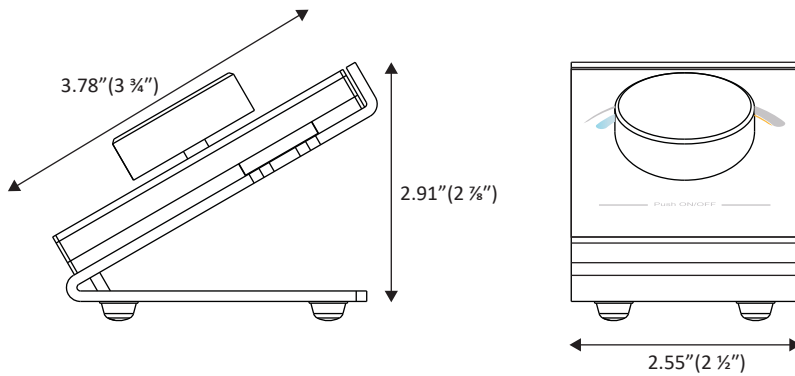
APPLICATIONS:

- Residential and commercial lighting control
- Smart home lighting systems
- Architectural and decorative lighting
- Office and workspace lighting
- Retail and hospitality lighting

TECHNICAL SPECIFICATIONS:

Output Signal	RF Signal
Power Supply	3V (CR2025 battery)
Power Consumption	10 mA
Operating Temperature	32°F to 104°F
Relative Humidity	8% to 80%
Rotation Sensitivity	High precision
RF Compatibility	Works with all universal RF receivers
Radio Frequency	868/869.5/916.5/434 MHz
Control Function	Adjusts brightness and CCT color
Control Range	1 RF zone
Waterproof Rating	IP20 (Indoor use only)
Dimensions	3.78 x 2.55 x 2.91 inches

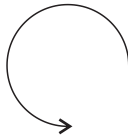
DIMENSIONS:



FUNCTION INTRODUCTION:

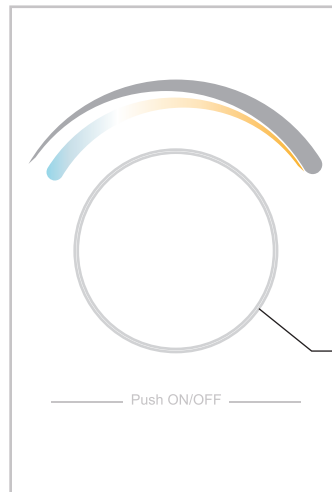
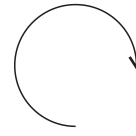
Rotate the knob counterclockwise:

1. Decreases brightness from 100% to 1% (brightness mode).
2. Adjusts color temperature from warm white to cool white (dual-color mode).



Rotate the knob clockwise:

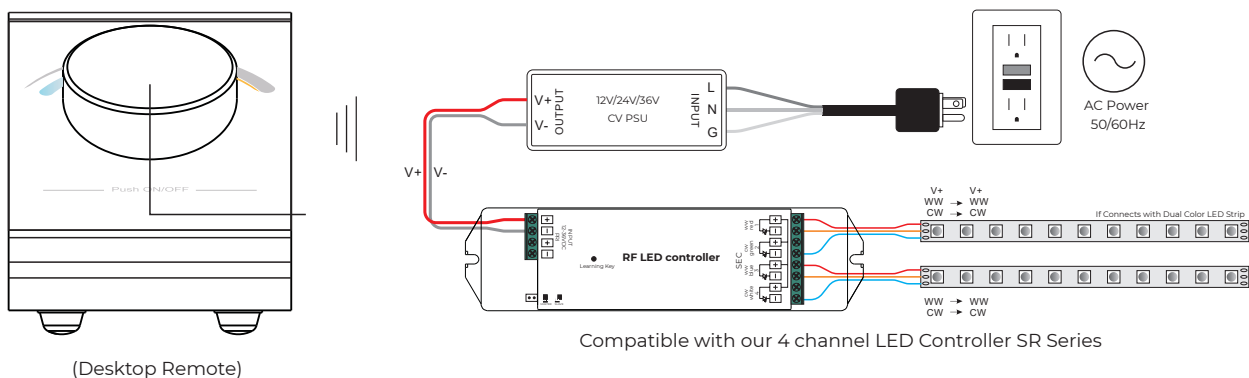
1. Increases brightness from 1% to 100% (brightness mode).
2. Adjusts color temperature from cool white to warm white (dual-color mode).



Front Side

Click the knob to turn the light ON/OFF.
Press and hold to instantly set brightness to 100%.
Double-click to switch between brightness mode and dual-color mode.

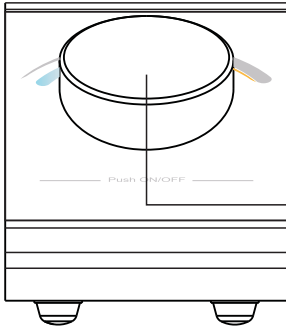
WIRING DIAGRAM:



(Desktop Remote)

Note: Each Device Sold Separately

PAIR WITH RF RECEIVER:



Step 1: Connect the RF Receiver – Wire the RF receiver according to the wiring.

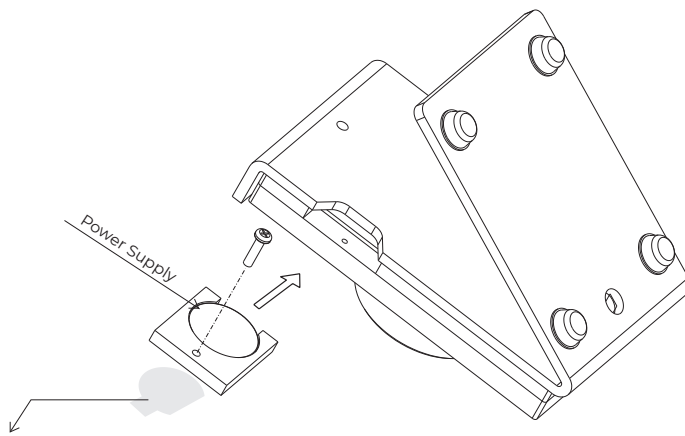


Step 2: Activate Pairing Mode – Press the “Learning Key” button on the RF receiver to enter pairing mode.

Step 3: Pair the Remote – Rotate or click the knob; if the connected LED lights flicker once, the pairing is successful.

Note: Each RF receiver can be paired with up to 8 remote controls.

INSTALLATION:



Remove the protective film before first use.

SAFETY AND WARNINGS:

- Ensure power is turned off before installation.
- Keep the device away from moisture.

COMPATIBLE RECEIVER (SOLD SEPARATELY):

RGBW 4 CHANNEL CONTROLLER (RF) SR SERIES

- SKU: CONT-SR-1009FA
- Input Voltage: 12-36V DC
- Wattage: 240-720W
- Output Current: 5A per channel
- IP Rating: IP20



ROTARY LED DIMMER – RF/WI-FI COMPATIBLE

DESCRIPTION:

The Rotary LED Dimmer – RF/Wi-Fi Compatible is a sleek, wall-mounted controller designed for smooth brightness adjustment of single-color LED lighting. With a modern tempered glass interface and rotary knob, it offers intuitive on/off control and precise dimming. The dimmer operates one zone with unlimited receiver pairing and supports wireless RF control. When combined with an RF-to-Wi-Fi converter, it enables smart lighting management through iOS and Android apps. It also supports push-dim functionality when connected to a standard push switch.



FEATURES:

- Flicker-free dimming from 0.1% to 100%
- Controls 1 zone with unlimited receivers
- On/off switching and brightness control via rotary knob
- Compatible with constant voltage and constant current RF receivers
- Supports push-dim via momentary switch
- Wi-Fi control enabled through optional RF-Wi-Fi converter
- Tempered glass touch panel
- Long battery life: up to 2 years (CR2032 battery)
- Reliable RF signal range over 65 feet



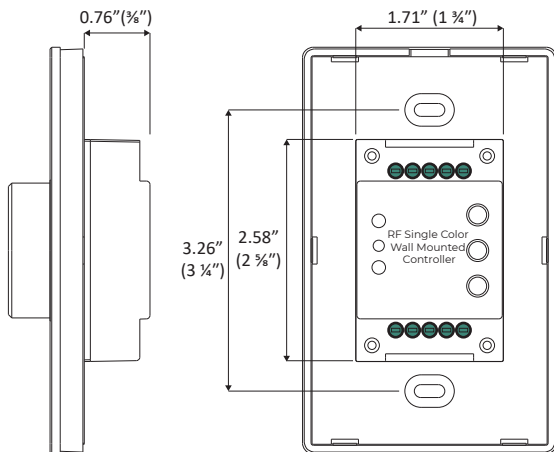
APPLICATIONS:

- Residential LED lighting systems
- Commercial and retail lighting control
- Wireless wall-mounted dimming upgrades
- Smart lighting environments (Wi-Fi + App control)
- Single-color LED strip installations

TECHNICAL SPECIFICATIONS:

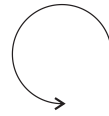
Operating Voltage	3VDC
Power Consumption	10 mA
Output Signal	RF Signal
Radio Frequency	916.5 MHz
Dimming Range	0.1% – 100%
Zones Controlled	1 zone (unlimited receivers per zone)
Control Interface	Rotary knob (press for on/off, turn to dim)
Wi-Fi Integration	Via RF-Wi-Fi converter and mobile app
Push-Dim Function	Supported with external push switch
Mounting Style	Wall-mounted
Operating Temperature	32°F to 104°F
Relative Humidity	8% to 80% RH
Waterproof Rating	IP20 (Indoor use only)
Battery Life	Up to 2 years
Control Range	Over 65 ft

DIMENSION:

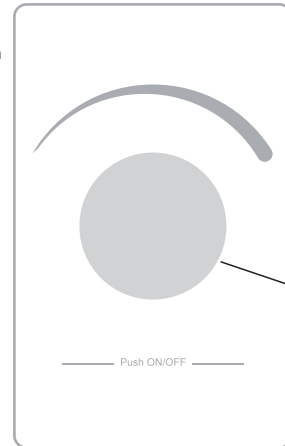
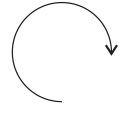


FUNCTION INTRODUCTION:

Rotate counterclockwise to gradually dim the light from 100% down to 1%.

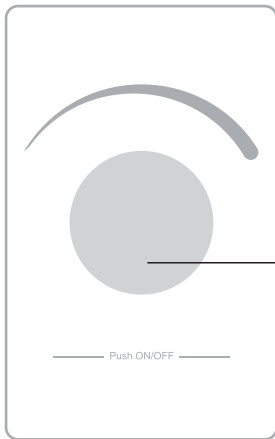


Rotate clockwise to increase brightness smoothly from 1% up to 100%.



Press the rotary knob to turn the light ON or OFF.

PAIR WITH RF RECEIVER:



Step 1: Connect the RF receiver according to its wiring diagram. (Please refer to the specific instructions provided with your RF receiver.)



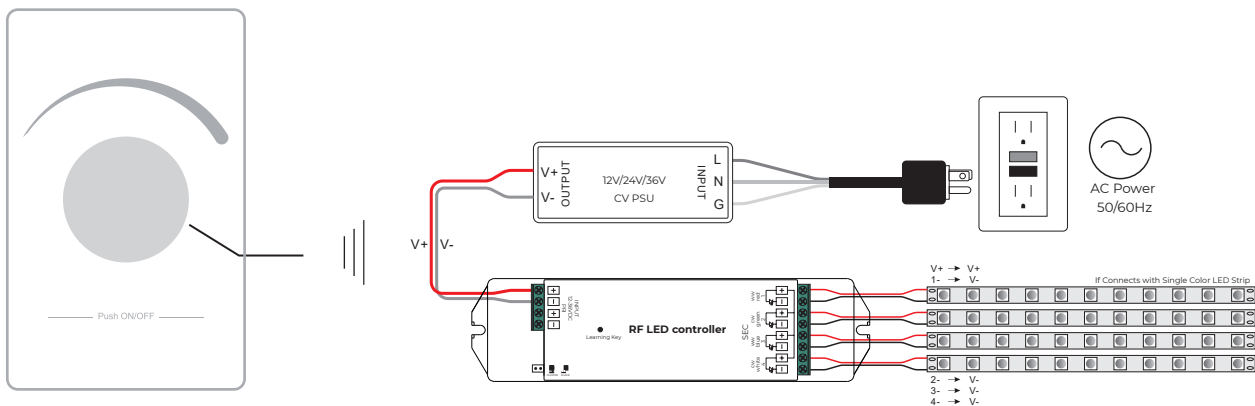
Step 2: Press the "Learning Key" on the RF receiver to enter pairing mode.

Step 3: Click or rotate the dimmer knob. The connected LED lights will blink once to confirm successful pairing with the receiver.

Note: Each RF receiver can be paired with up to 8 remote controllers.

WIRING DIAGRAM:

For single-color LEDs:

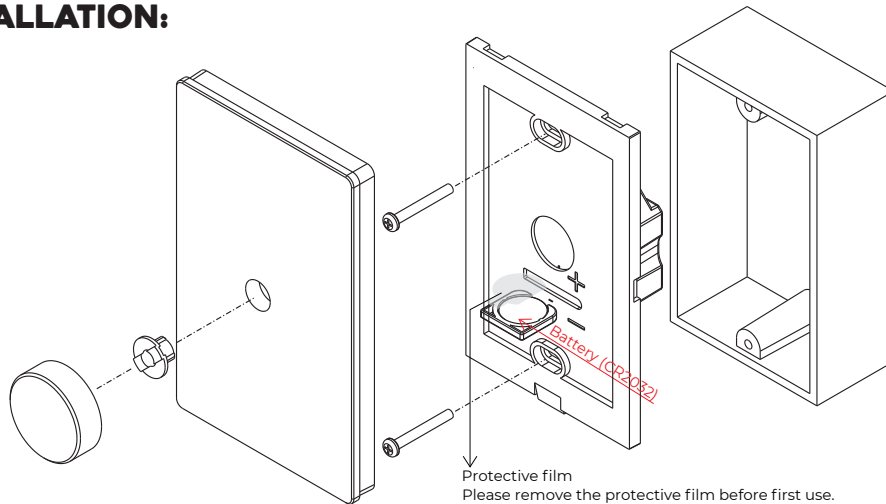


Note: Each Device Sold Separately

SAFETY AND WARNINGS:

- Ensure power is turned off before installation.
- Keep the device away from moisture.

INSTALLATION:



BATTERY INFORMATION:

- Battery Type: CR2032 (Lithium Coin Cell)
- Cell Type: Button Cell
- Nominal Voltage: 3VDC
- Diameter: 0.787 in
- Usage: Non-rechargeable, for indoor use only

BATTERY WARNINGS & SAFETY INFORMATION:

This product contains a CR2032 coin cell lithium battery and complies with 16 CFR Part 1263. To ensure safe usage and proper operation, please read and follow all warnings and instructions below.

General Warnings:

- INDOOR USE ONLY.
- This product contains a button cell or coin battery. Ingestion can cause serious injury or death. A swallowed battery may cause internal chemical burns in as little as 2 hours.
- Keep new and used batteries out of reach of children.
- If you suspect a battery has been swallowed or inserted into the body, seek immediate medical attention.
- Call a Poison Control Center for treatment advice if exposure occurs.

Battery Handling and Disposal:

- Only use CR2032 or equivalent batteries rated at 3VDC.
- Do not recharge non-rechargeable batteries.
- Do not dispose of batteries in household trash or incinerate.
- Recycle or dispose of used batteries immediately in accordance with local regulations.
- Even used batteries can cause serious injury or death—handle with care.
- If the product will not be used for an extended period, remove the battery and dispose of it properly.
- Never mix old and new batteries, or batteries of different brands or types (e.g., alkaline, carbon-zinc, rechargeable).
- Always insert batteries with correct polarity (+ and –).
- Secure the battery compartment completely. If it does not close securely, stop using the product and keep it away from children.

Battery Safety Hazards:

- Do not disassemble, crush, recharge, or expose batteries to fire or high temperatures.
- Leakage, venting, explosion, or chemical burns may occur if handled improperly.
- If battery leakage comes into contact with skin or clothing, wash the affected area with plenty of water.
- In case of eye contact, flush immediately with clean running water and seek emergency medical assistance.

COMPATIBLE RECEIVER (SOLD SEPARATELY):

- RGBW 4 Channel Controller (RF) SR Series
- SKU: CONT-SR-1009FA
- Input Voltage: 12-36V DC
- Wattage: 240-720W
- Output Current: 5A per channel
- IP Rating: IP20

