

Brief:

The RDX series (RD1, RD2, RD3, RD4) is a 2.4G RF remote controller that utilizes 2.4G wireless remote control technology. It features low transmission power, low power consumption, long-distance transmission, strong anti-interference capabilities, and high transmission speed. It is suitable for various controllers and control requirements and can be paired with several controller models from our company, such as the SP630E, SP53XE series, and SP54XE series.

Features:

① Wireless Freedom:

Utilizes 2.4G wireless remote control technology, eliminating the need for physical connections, allowing users to operate freely.

② Long-Distance Control:

Possesses long-distance transmission capabilities, with a wide signal transmission range, enabling control without the need to be close to the device.

③ Strong Anti-Interference:

2.4G RF technology offers robust anti-interference capabilities, ensuring signal stability and reliability.

④ One-to-Many Control:

One remote controller can manage multiple controllers.

⑤ Many-to-One Control:

Each controller can be paired with multiple remote controllers (up to 5).

⑥ Simple Operation:

Functions such as binding, unbinding, clearing, etc., are straightforward and user-friendly, requiring no complex settings.

RD1 Remote Control Instructions:

1 ON Button

Short press: Turns on the light.

Long press: Long-press the **ON** button within 20 seconds of powering on the controller to bind/unbind the remote control.

2 OFF Button

Short press: Turns off the light.

Long press: Within 20 seconds of powering on the controller, first turn off the light completely, then long-press the **OFF** button to clear all paired remote controllers.

3 Speed+/- 4 Mode+/-

5 Music+/- 6 Brightness+/-

7 Brightness Value

15%/25%/50%
60%/75%/100%

8 Timed

1/2/3H Delay-Off



RD2 Remote Control Instructions:

1 ON Button

Short press: Turns on the light.

Long press: Long-press the **ON** button within 20 seconds of powering on the controller to bind/unbind the remote control.

2 OFF Button

Short press: Turns off the light.

Long press: Within 20 seconds of powering on the controller, first turn off the light completely, then long-press the **OFF** button to clear all paired remote controllers.

3 Speed+/- 4 Mode+/-

5 Music+/- 6 Brightness+/-

7 Color Temperature+/-

8 Color temperature setting

CW/NW/WW: Cold/Nature/Warm White

9 Timed:

1/2/3H Delay-Off



RD3 Remote Control Instructions:

1 ON Button

Short press: Turns on the light.

Long press: Long-press the **ON** button within 20 seconds of powering on the controller to bind/unbind the remote control.

2 OFF Button

Short press: Turns off the light.

Long press: Within 20 seconds of powering on the controller, first turn off the light completely, then long-press the **OFF** button to clear all paired remote controllers.

3 Speed+/- 4 Timed 1/2H Delay-Off

5 Collected Effect Cycle

6 Mode+/-

7 Music+/- 8 Brightness+/-

9 Color+/-

10 Color Select

W: White

Y/C/P: Yellow/Cyan/Purple

R/G/B: Red/Green/Blue



RD4 Remote Control Instructions:

1 ON Button

Short press: Turns on the light.

Long press: Long-press the **ON** button within 20 seconds of powering on the controller to bind/unbind the remote control.

2 OFF Button

Short press: Turns off the light.

Long press: Within 20 seconds of powering on the controller, first turn off the light completely, then long-press the **OFF** button to clear all paired remote controllers.

3 Speed+/- 4 Timed 1/2H Delay-Off

5 Collected Effect Cycle

6 Mode+/-

7 Music+/- 8 Brightness+/-

9 Color+/-

10 Color Temperature+/-

11 Color Select

CW/NW/WW: Cold/Nature/Warm White

R/G/B: Red/Green/Blue



Technical parameters:

Operating Voltage: 3V (CR2025)	Static Current: 1uA
RF Frequency: 2.4G	Remote Control Distance: 30 meters
Remote Control Dimensions: 135mm48mm10mm	

Cautions:

1. When selecting the remote control model, please ensure it matches the correct controller model and type. Otherwise, remote control functions may be missing or unavailable.
2. If the remote control indicator light responds slowly or flashes erratically, please replace the battery promptly. Do not use low-quality batteries.
3. Avoid using the remote control in humid, high-temperature, dusty, or high-pressure environments. Store it indoors in a dry, static-free environment.
4. Do not use the remote control in areas with extensive metal or strong electromagnetic interference, as it may significantly affect the remote control distance.

FCC Statement

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

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition, compliance with exposure requirements.