

SKYDANCE

RT4, RT9

RGB/RGBW

Touch Wheel RF

Remote

Controller



SKYDANCE RT4, RT9 RGB/RGBW Touch Wheel RF Remote Controller Owner's Manual

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SKYDANCE RT4, RT9 RGB/RGBW Touch Wheel RF Remote Controller



Product Specifications

- **Product Name:** RGB/RGBW Touch Wheel RF Remote Controller
- **Model:** RT4, RT9
- **Compatibility:** RGB or RGBW LED controller
- **Features:**
 - Ultra-sensitive color adjustment touch wheel
 - Independent dimming function for each R, G, B, and W channel
 - Ability to achieve millions of colors
 - Each remote can match one or more receivers
 - **Battery:** AAAx2 powered
 - Operates with LED indicator light
- **Input and Output:**
 - **Output Signal:** RF (2.4GHz)
 - **Working Voltage:** 3VDC (AAAx2)

Product Usage Instructions

Powering On the Remote Controller

Insert two AAA batteries into the battery compartment following the correct polarity. The LED indicator light should illuminate once the batteries are properly inserted.

Pairing with Receivers

To pair the remote with a receiver, follow the specific pairing instructions provided by the receiver's manual. Each remote can be matched with one or more receivers for controlling the LED lights.

Color Adjustment

Use the ultra-sensitive touch wheel on the remote to adjust the colors of the LED lights. Each channel (R, G, B, W) can be independently dimmed to create a wide range of colors, allowing you to achieve millions of color variations.

Operating Distance

The remote operates within a specific distance range (mentioned in the specifications). Ensure you are within range for optimal functionality.

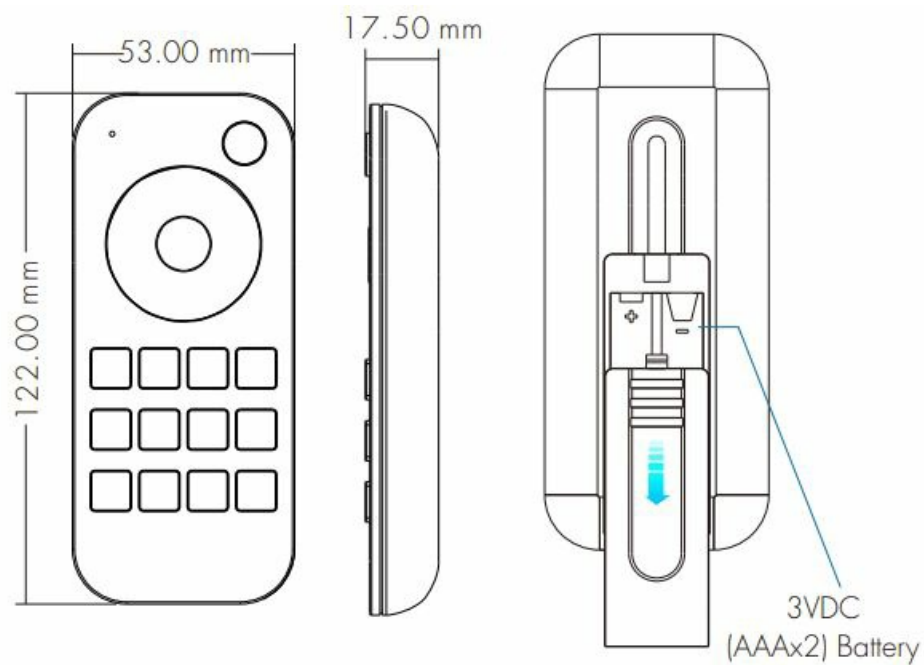
INTRODUCTION

- Apply to RGB or RGBW LED controller. Ultra-sensitive color
- adjustment touch wheel.
- Independent dimming function of each R, G, B, and W channel to achieve millions of colors.
- Each remote can match one or more receivers.
- AAx2 battery powered.
- Operate with LED indicator light.

Technical Parameters

- **Input and Output**
 - **Output signal** RF(2.4GHz)
 - **Working voltage** 3VDC(AAx2)
 - **Working current** <5mA
 - **Standby current** <10μA
 - **Standby time** 1 year
 - **Remote distance** 30m(Barrier-free space)
- **Safety and EMC**
 - **EMC standard (EMC)**
 - ETSI EN 301 489-1 V2.2.3
 - ETSI EN 301 489-17 V3.2.4
 - **Safety standard**
 - EN 61348-1:2015+A1:2021
 - EN 61348-2-13:2014+A1:2017
 - **Radio Equipment(RED)** ETSI EN 300 328 V2.2.2
 - **Certification** CE, EMC, RED
- **Environment**
 - **Operation temperature** Ta: -30 OC ~ +55 OC
- **Package**
 - **Size** L140 x W60 x H26mm
 - **Gross weight** 0.088kg
- **Warranty** 5 years

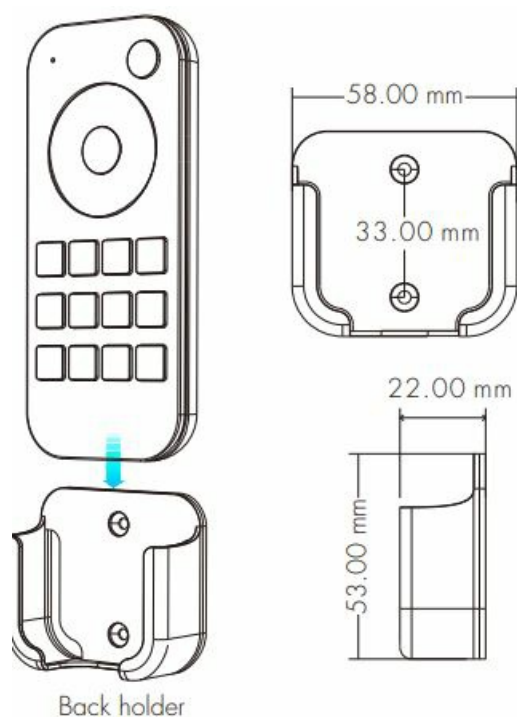
Mechanical Structures and Installations



Back holder

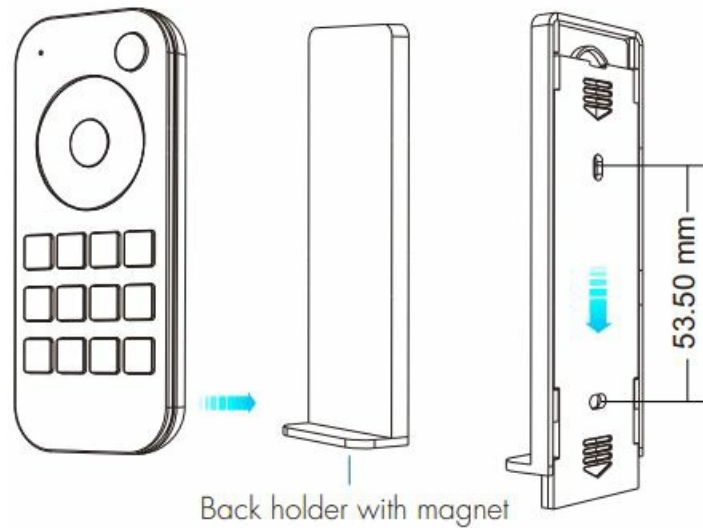
Two options are offered for selection, please fix the back holder on the wall with two screws, or adhere the back holder to the wall with a paster.

Back holder without magnet



Back holder with magnet

(The remote with built-in magnet)



Operation

- When turning on the light, the indicator displays blue. When turning off the light, the indicator displays red.
- When touch the color wheel, the indicator will display the same color.
- When the press or touch operation is invalid (If the light is off), the indicator displays red.
- To extend battery life, no touch or press key operation after a few seconds, the touch wheel will enter a sleep state, you need to press any key to make the touch wheel quit the sleep state.

Match Remote Control (two match ways)

The end user can choose the suitable match/delete ways. Two options are offered for selection:

Use the controller's Match key

- **Match:**
 - Short press match key, immediately press on/off key (single zone remote) or zone key (multiple zone remote) of the remote.
 - The LED indicator fast flashes a few times means the match is successful.
- **Delete:**
 - Press and hold the match key for 5s to delete all matches,
 - The LED indicator fast flashes a few times means all matched remotes were deleted.

Use Power Restart

- **Match:**
 - Switch off the power, then switch on the power, and repeat.
 - Immediately short press the on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote.
 - The light blinks 3 times means the match is successful.
- **Delete:**
 - Switch off the power, then switch on the power, and repeat.
 - Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on




the remote.

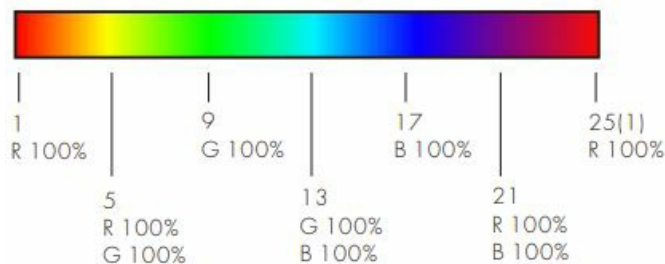
- The light blinks 5 times means all matched remotes were deleted.












Key function

RT4 1 zone RGB/RGBW remote











- : Turn on/off light.
- : Touch to change static RGB color.
- : Short press gets 24 kinds of static RGB color, long press for continuous static color adjustment.



- : Short press run next dynamic mode, long press 2s run mode-cycle.
- : For dynamic RGB mode, adjust speed, short press 10 levels, and long press 2s get the default speed. For static RGB color, adjust saturation, namely change current static RGB color to mixed white slowly, short press 11 levels, long press 1-6s for continuous 256 levels adjustment.
- : Adjust brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.
-   : Short press get red, green or blue color directly. long press 1-6s to adjust R/G/B brightness continuously to achieve millions of colors.
- : For RGB light, short press turn on/off white(RGB mix), long press 1-6s to adjust saturation continuously, namely change the current static color to mixed white slowly. For RGBW light, short press turn on/off W channel, long press 1-6s to adjust W brightness continuously, namely change saturation by add white color slowly.
-    : Short press recall the scene, long press 2s save the current color into S1/2/3/4. The LED indicator displays green when saving OK.

RT9 4 zone RGB/RGBW remote

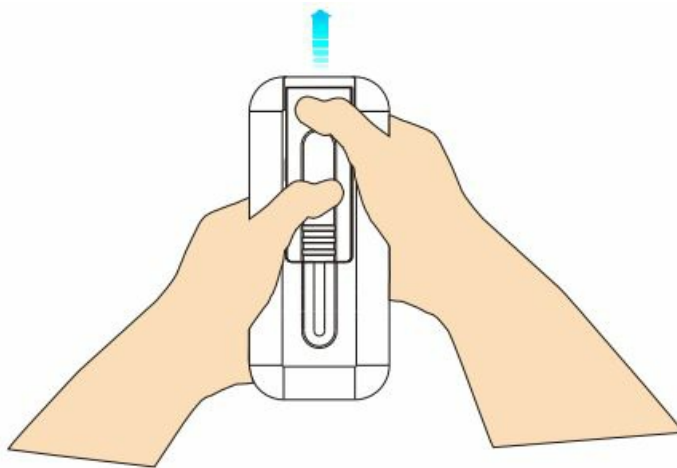


-  : Short press turn on/off all zone lights.
-  : Touch to change the current zone static RGB color.
-  : Short press select and turn on zone light, long press 2s turn off zone light.
Short press the multiple zone key fast, will select multiple zones synchronously.
-  : Short press gets red, green, or blue color directly.
Long press 1-6s adjust R/G/B brightness continuously to achieve millions of colors.
-  : For RGB light, short press turn on/off white(RGB mix), long press 1-6s adjust saturation continuously, namely change current static RGB color to mixed white slowly. For RGBW light, short press turn on/off W channel, long press 1-6s adjust W brightness continuously, namely change saturation by adding white color slowly.
-  : Adjust dynamic mode for currently selected zone, Short press run next dynamic mode, long press 2s run mode-cycle.
-  : For static color, adjust brightness, short press 10 levels, and long press 1-6s for continuous 256 levels adjustment.
For dynamic mode, adjust speed, short press 10 levels, and long press 2s get the default speed.
-  : Short press recall the scene, long press 2s save current state into S1/S2. The LED indicator displays green when saving OK.
4 zone recall or save synchronously.

Safety information

1. Read all instructions carefully before you begin this installation.
2. When installing the battery, pay attention to the battery's positive and negative polarity. After a long time without the remote control, remove the battery.
When remote distance becomes smaller and insensitive, replace the battery.

3. If no response from the receiver, please re-match the remote.
4. Gently handle the remote, beware of falling.
5. For indoor and dry location use only.



When replacing the batteries,
use both hands to remove the back cover of the remote control.

FCC Caution

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
2. this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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 to 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

ISED Statement

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

The device has been evaluated to meet general RF exposure requirement. This equipment should be installed and operated with minimum distance 0mm between the radiator & your body.

This radio transmitter has been approved by Industry Canada to operate with the antenna types listed with the maximum permissible gain indicated. Antenna types not included in this list, having again greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Frequently Asked Questions (FAQ)

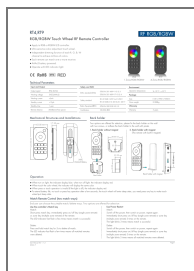
- **How do I change the batteries in the remote controller?**

To change the batteries, open the battery compartment cover, remove the old batteries, and insert two new AAA batteries following the correct polarity.

- **Can I control multiple sets of LED lights with one remote?**

Yes, each remote can be paired with one or more receivers, allowing you to control multiple sets of LED lights with a single remote.

Documents / Resources



[SKYDANCE RT4, RT9 RGB/RGBW Touch Wheel RF Remote Controller](#) [pdf] Owner's Manual

RT4, RT9, RT4 RT9 RGB RGBW Touch Wheel RF Remote Controller, RT4 RT9, RGB RGBW Touch Wheel RF Remote Controller, Touch Wheel RF Remote Controller, RF Remote Controller, Remote Controller, Controller

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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