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SKYDANCE
RT5, RT10 RGB plus CCT Touch Wheel RF Remote Controller

SKYDANCE RT5, RT10 RGB plus CCT Touch Wheel RF Remote Controller Owner's Manual

Contents

SKYDANCE

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Product Information

Specifications

- **Model:** RT5, RT10
- **Product:** RGB+CCT Touch Wheel RF Remote Controller
- **Compatibility:** RGB+CCT LED controller
- **Features:** Ultra-sensitive color adjustment touch wheel, LED indicator light
- **Power Source:** AAAx2 batteries
- **Remote Distance:** RF (2.4GHz)
- **Input and Output:** 3VDC
- **Working Voltage:** 3VDC
- **Working Current:** (AAAx2)

Product Usage Instructions

1. Insert two AAA batteries into the remote controller.
2. Pair the remote with the RGB+CCT LED controller by following the pairing instructions in the LED controller's manual.
3. Use the ultra-sensitive color adjustment touch wheel to control the RGB and CCT settings of the LED lights.
4. The LED indicator light on the remote will provide feedback on the current status of the connection and settings.
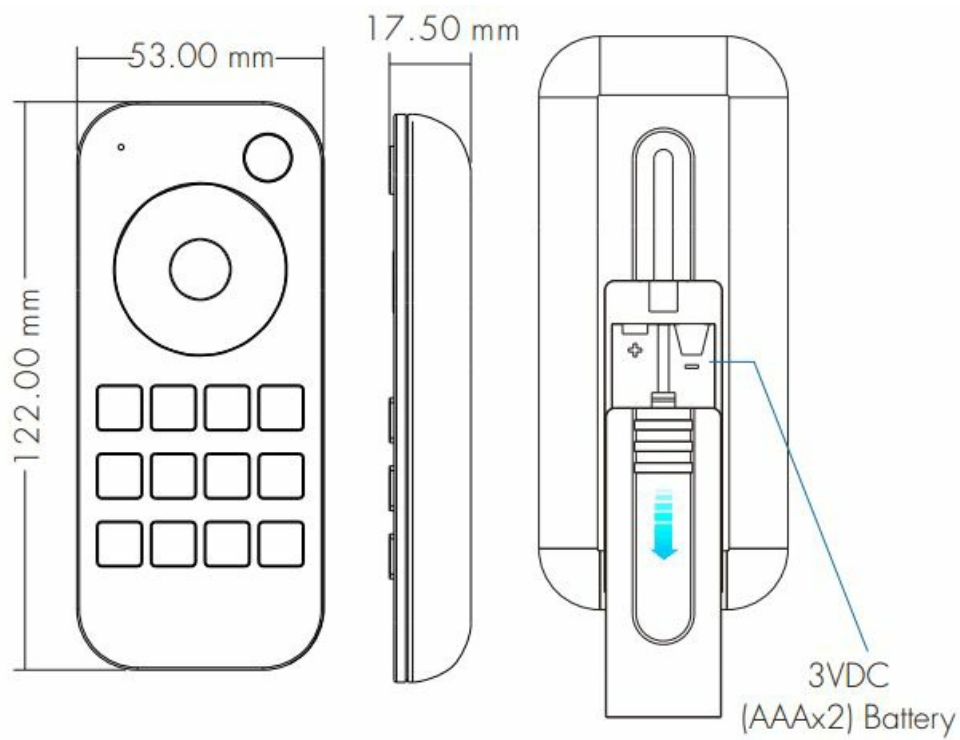5. To operate the remote, point it towards the receiver within the specified remote distance.

Note

- Apply to RGB+CCT LED controller.
- Ultra-sensitive color adjustment touch wheel.
- Each remote can match one or more receivers.
- AAAx2 battery powered.
- Operate with LED indicator light.

Technical Parameters

- **Input and Output**
    - **Output signal** RF(2.4GHz)
    - **Working voltage** 3VDC(AAAx2)
    - **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
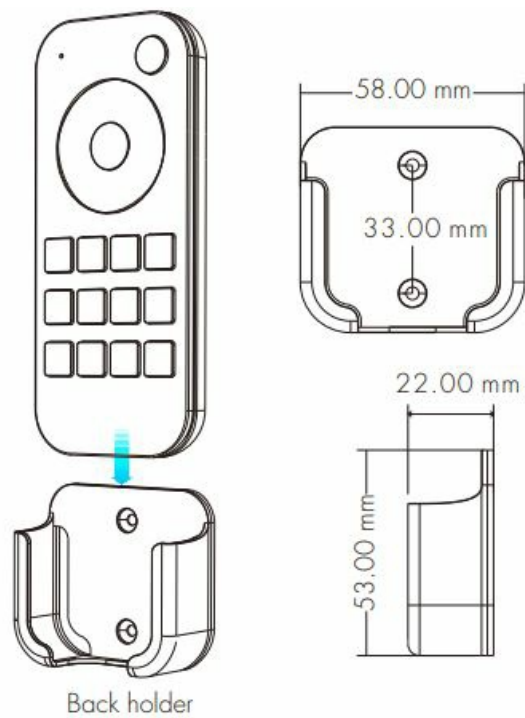   - **Gross weight** 0.088kg
- **Warranty** 5 years

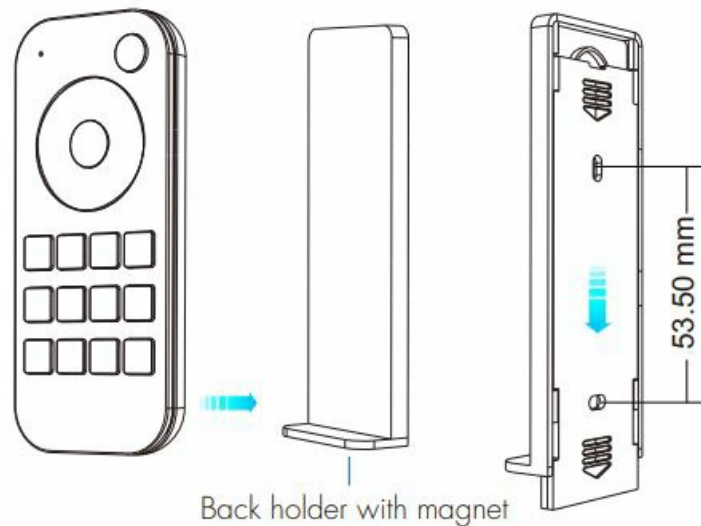## Mechanical Structures and Installations

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

Back holder with magnet
(The remote with built-in magnet)

Back holder with 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:**
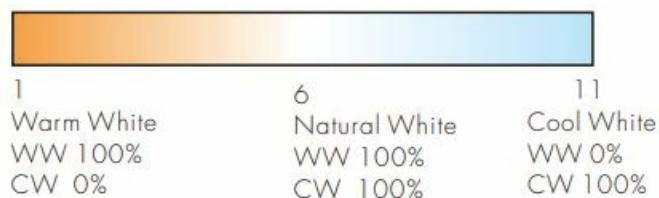 - Switch off the power, then switch on the power, and repeat.

- Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote.
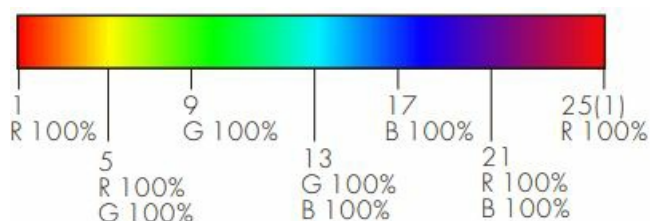- The light blinks 5 times means all matched remotes were deleted.

Key function

RT5 1 zone RGB+CCT remote

- ⏻ : Turn on/off light.

- 🔵 : Touch to change RGB color or color temperature.

  Press the RGB or CCT key to switch between the RGB wheel and the CCT wheel.

- ❋ ❋ : Adjust RGB or color temperature brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

- CCT : Adjust color temperature by WW/CW channel, short press 11 levels, long press adjust WW+CW brightness continuously.

1	6	11
Warm White	Natural White	Cool White
WW 100%	WW 100%	WW 0%
CW 0%	CW 100%	CW 100%

- RGB : Short press gets 24 kinds of static RGB color.

1	9	17	25(1)
R 100%	G 100%	B 100%	R 100%

5	13	21
R 100%	G 100%	R 100%
G 100%	B 100%	B 100%

- ⊕ : 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.

- R G B : 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.

- W : Short press turn on/off white(WW/CW), long press 1-6s to adjust white(WW+CW) brightness continuously, namely change saturation by adding white color slowly.

- S₁ S₂ : Short press recall the scene, long press 2s save the current color into S1/S2. The LED indicator displays green when saving OK.

RT10 4 zone RGB+CCT remote

Each zone can match single color, dual color(WW/CW), RGB, RGBW, or RGB+CCT(WW/CW) controller or lamp.

For example, the long press 1 + RGB key for 2s will set zone 1 as RGB light type.
When the remote type changes to OK, the green indicator goes on for a long time.
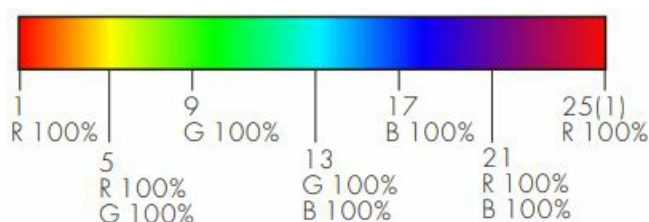
- ⏻ : Short press turn on/off all zone lights.

- ◯ : Touch to change the current zone RGB color or color temperature.
  Press the RGB or CCT key to switch between the RGB wheel and the CCT wheel.

- **1 2 3 4** : Short press select and turn on zone light, long press 2s turn off zone light.
- ☀ ☀ : Adjust RGB or color temperature brightness, short press 10 levels, and long press 2s to get min or max brightness.

	1 Warm White	6 Natural White	11 Cool White
CCT:	WW 100% CW 0%	WW 100% CW 100%	WW 0% CW 100%
RGB:	R 100% G 50% B 0%	R 100% G 100% B 100%	R 0% G 50% B 100%
RGBW:	W 0%	W 50%	W 100%

- **CCT** : For dual color or RGB+CCT(WW/CW), adjust the color temperature by WW/CW channel, short press 11 levels, and long press adjust WW+CW brightness continuously.
  For RGB, adjust the color temperature by mixing the R/G/B channel, 11 levels.
  For RGBW, adjust the color temperature by adjusting W channel brightness, 11 levels.
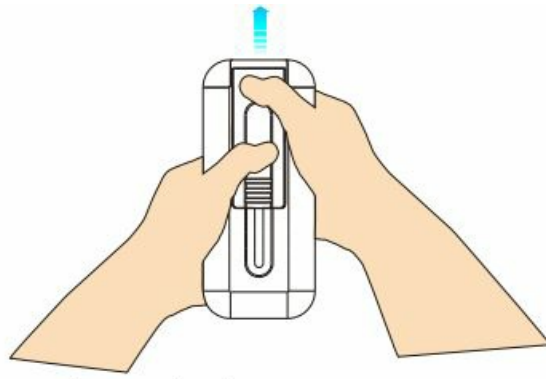- **RGB** : Short press gets 24 kinds of static RGB color.

1 R 100%		9 G 100%		17 B 100%		25(1) R 100%
	5 R 100% G 100%		13 G 100% B 100%		21 R 100% B 100%	

- ⊛ : 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.
- **S₁ S₂** : 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'slicense-exemptt 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 pair the remote with multiple receivers?**

  Each remote can be paired with one or more receivers by following the pairing instructions provided in the receiver's manual. Ensure that each receiver is within the remote distance for successful pairing.

- **What should I do if the remote is not responding?**

  First, check and replace the batteries if needed. Ensure that there are no obstructions blocking the signal between the remote and the receiver. If issues persist, refer to the troubleshooting section in the user manual or contact customer support for assistance.

Documents / Resources

SKYDANCE RT5, RT10 RGB plus CCT Touch Wheel RF Remote Controller [pdf] Owner's Manual
RT5, RT10, RT5 RT10 RGB plus CCT Touch Wheel RF Remote Controller, RT5 RT10, RGB plus CCT Touch Wheel RF Remote Controller, Touch Wheel RF Remote Controller, Wheel RF Remote Controller, RF Remote Controller, Remote Controller, Controller

References

- **User Manual**