

# OPTONICA

## Touch Wheel RF Remote Controller User Guide

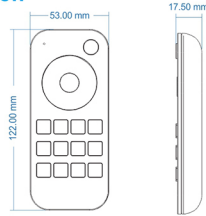
### Feature

- Apply to single color, dual color, RGB, RGBW or RGB+CCT LED controller dimming driver or smart lamp.
- Ultra sensitive color adjustment touch wheel.
- Adopt 2.4GHz wireless technology, remote distance up to 30m.
- Each remote can match one or more receiver.
- Battery powered (2 x AAA) .
- Operate with LED indicator light.

### Technical parameter

- Output signal: RF(2.4GHz)
- Working voltage: 3VDC(AAA\*2pcs)
- Working current: < 5mA
- Standby current: < 10 $\mu$ A
- Standby time: 2 years
- Remote distance: 30m
- Working temperature: -30 $^{\circ}$ C~55 $^{\circ}$ C
- Dimension: L122 W53 H17.5mm
- Weight: 60g

### Dimension



### Operation

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

### Match guide

Remote match with 2.4G RF controller, dimming driver or smart lamp. there are two kinds of method to match receivers.

#### • Use Match key

##### Match with controller(with match key)

1. Match: Short press match key, then press on/off key or zone key of the remote within 5s.
2. Delete: Long press match key for 5s, delete all matched remote.
3. Multiple zone remote only use zone key to match each zone receiver.

#### • Use Power-up

##### Match with controller(without match key), dimming driver or smart lamp

1. Match: Switch off the power, then switch on power again, short press on/off key or zone key 3 times on the remote quickly within 5s after power on, the link is done once the light blinks 3 times.
2. Delete: Switch off the power, then switch on power again, short press on/off key or zone key 5 times on the remote quickly within 5s after power on, the unlink is done once the light blinks 5 times.
3. Multiple zone remote only use zone key to match each zone receiver.

### 4 zone RGB/RGBW remote

Diagram of the 4 zone RGB/RGBW remote controller showing the power button, color wheel, zone keys (1-4), color keys (R, G, B, W), and scene keys (S1, S2).

- : Short press turn on/off all zone light.
- : Touch to change current zone static RGB color.
- 1 2 3 4 : Short press select and turn on zone light, long press 2s turn off zone light. Short press multiple zone key fastly, will select multiple zone synchronously.
- R G B W : Short press get red, green or blue color directly. long press 1-5s adjust R/G/B brightness continuously.
- W : For RGB light, short press turn on/off white(RGB mix), long press 1-5s 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 1-5s adjust W brightness continuously, namely change saturation by add white color slowly.
- : Adjust dynamic mode for current selected zone. Short press run next dynamic mode, long press 2s run mode-cycle.
- : For static color, adjust brightness, short press 10 levels, long press 1-5s for continuous 256 levels adjustment. For dynamic mode, adjust speed, short press 10 levels, long press 2s get the default speed.
- S1 S2 : Short press recall the scene, long press 2s save current state into S1/S2. 4 zone recall or save synchronously.

### Safety information

1. Read all instructions carefully before you begin this installation.
2. When installing battery, pay attention to the battery positive and negative polarity. 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 remote, beware of falling.
5. For indoor and dry location use only.