User Guide
Touch wheel RF Remote Controller

Summary

● Apply to 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: ＜10μA
● Standby time: 2 years

● Remote distance: 30m
● Working temperature: -30℃~55℃
● Dimension: L135×W55×H16.5mm
● Weight: 154g

Operation

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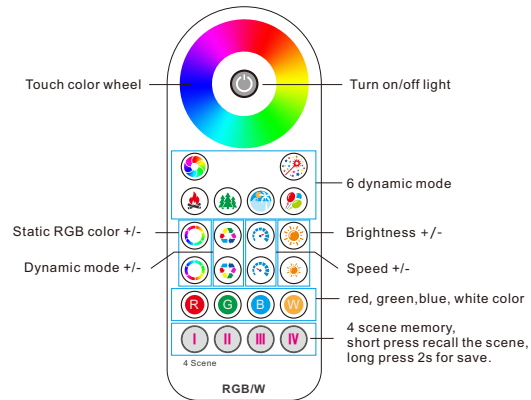3. Multiple zone remote only use zone key to match each zone receiver.

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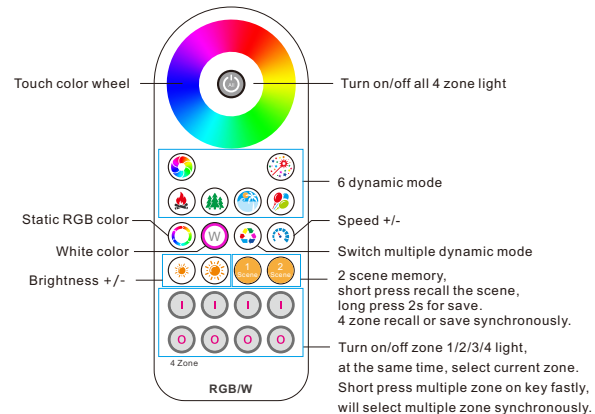   the link is done once the light blinks 3 times.
2. Delete: Switch off the power, then switch on power again,
        short press on/off key or zone key 5 times on the remote quickly within 5s after power on,
        the unlink is done once the light blinks 5 times.
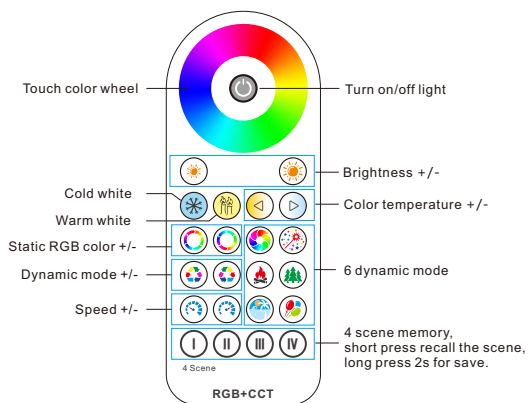3. Multiple zone remote only use zone key to match each zone receiver.

Key function

● **R21：1 zone RGB/RGBW remote**

Touch color wheel
Turn on/off light
6 dynamic mode
Static RGB color +/-
Brightness +/-
Dynamic mode +/-
Speed +/-
red, green,blue, white color
4 scene memory,
short press recall the scene,
long press 2s for save.
4 Scene
RGB/W

● **R22：4 zone RGB/RGBW remote**

Touch color wheel
Turn on/off all 4 zone light
6 dynamic mode
Static RGB color
Speed +/-
White color
Switch multiple dynamic mode
Brightness +/-
2 scene memory,
short press recall the scene,
long press 2s for save.
4 zone recall or save synchronously.
Turn on/off zone 1/2/3/4 light,
at the same time, select current zone.
Short press multiple zone on key fastly,
will select multiple zone synchronously.
4 Zone
RGB/W

● **R23：1 zone RGB+CCT remote**

Touch color wheel

Turn on/off light

Brightness +/-

Cold white

Color temperature +/-

Warm white

Static RGB color +/-

Dynamic mode +/-

6 dynamic mode

Speed +/-

4 scene memory,
short press recall the scene,
long press 2s for save.

4 Scene

RGB+CCT

Dimension

55.00 mm

16.50 mm

135.00 mm