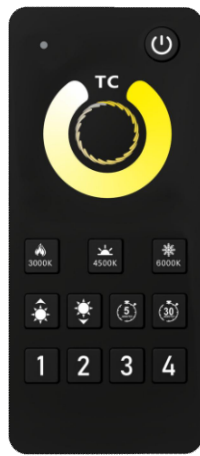# R Series Datasheet
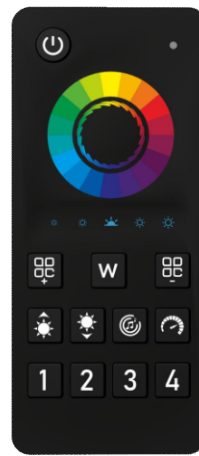

R-101/DIM   R-102/CTT   R-103/RGB   R-104/RGBW   R-105/RGBCCT

Technical parameters

Voltage: 3V(AAA*2PCS)

Standby power: 15μA

Transmit power: 6dBm

Transmission frequency: 2.4GHz

Control distance: 30 meters

Modulation method: GFSK

Number of groups: 4 groups independently controlled

Dimming range: 0-100% stepless dimming

Color temperature range: 2700K-6500K

Operating temperature: -20-60°C

Features:

●2.4GHz wireless transmission technology, fast transmission speed, good stability and strong anti-interference.

●Support matching multiple devices, and control multiple devices at the same time

●Mode, color, and brightness can all be adjusted according to personal preference

● The color and speed of the dynamic mode can be edited

●The remote control can be matched with multiple controllers (control distance 30

meters)

●Easy to install, convenient bracket

●Control the atmosphere of the lighting at will, which can be applied to the atmosphere lighting of different spaces such as commercial and home

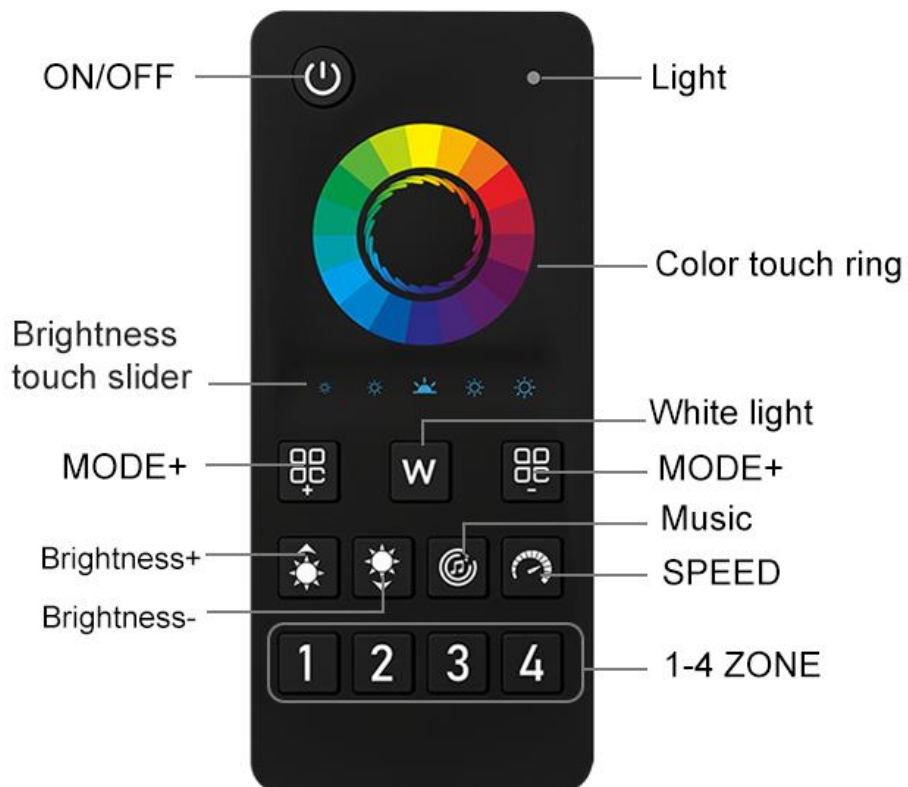## Product feature description

R-101/DIM

Light — ON/OFF

DC

Brightness touch ring

MODE

SPEED+ — SPEED-

10% brightness — Timed for 30 minutes

50% brightness — Music

1 2 3 4 — 1-4 ZONE

R-102/CCT

Light — ON/OFF

TC

Color temperature touch ring

4500K

3000K — 6000K

Timed for 5 minutes

Brightness+ — Timed for 30 minutes

Brightness-

1 2 3 4 — 1-4 ZONE

R-103/RGB

Light — ON/OFF

Color touch ring

White light

MODE+ — MODE+

Brightness+ — Music

Brightness- — SPEED

1 2 3 4 — 1-4 ZONE

R-104/RGBW

ON/OFF — Light

Color touch ring

Brightness touch slider

White light

MODE+ — MODE+

Brightness+ — Music

Brightness- — SPEED

1 2 3 4 — 1-4 ZONE

R-105/RGBCCT

ON/OFF

Light

Color touch ring

Color temperature touch slider

2700K 5000K 6500K

White light

MODE+

MODE+

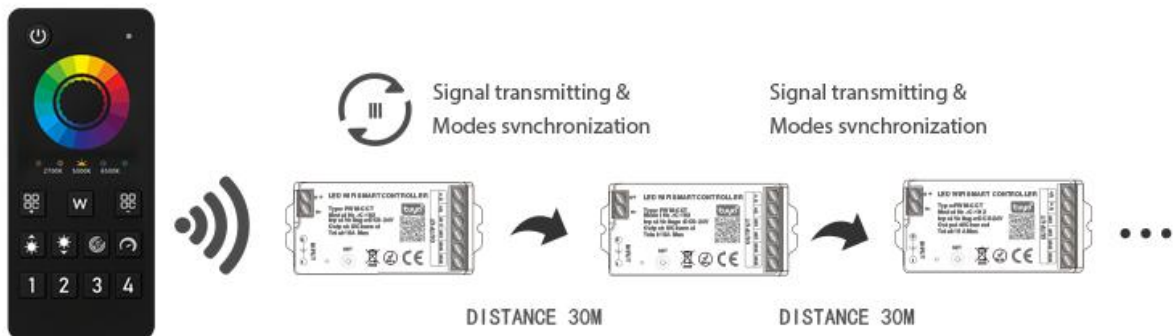Music

Brightness+

SPEED

Brightness-

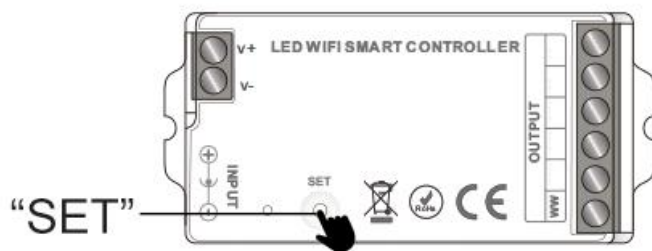1 2 3 4 — 1-4 ZONE

Signal transmission
A strip controller transmits the signal from the remote control To another controller within 30 meters, as long as there is one within 30 meters With a ribbon controller, the distance of the remote control can be unlimited.

Mode synchronization
Different controllers can be synchronized at different times when they are booted work, controlled by the same remote control, in the same dynamics mode and work at the same speed.

Signal transmitting & Modes synchronization

Signal transmitting & Modes synchronization

DISTANCE 30M

DISTANCE 30M

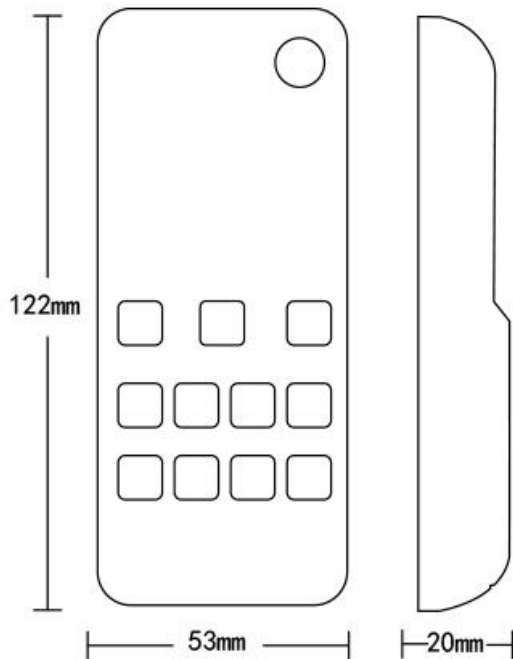# Match & clear the code of the product

"SET"

1. Short press the "SET" button on the controller switch

2. Press and hold the controller for less than 5 seconds, and match the code with the remote control.Short press one of the "1/2/3/4 group keys" of the remote control, to control

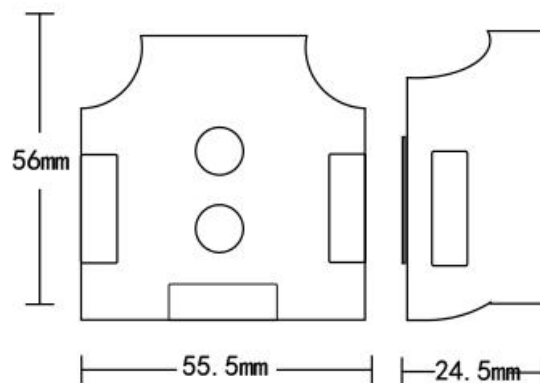3. Press and hold the controller for less than 30 seconds, the controller will reset,Unpair from the remote control

⚠ Connected controllers cannot be matched again, and unconnected controllers do not need to clear codes

Product dimensions

122mm

53mm   20mm

remote control

56mm

55.5mm   24.5mm

Remote control stand

Product packaging information

PARAMETERS	SIZE/CM	G.W./KG
1PCS	13*5.8*2.7	0.105
100PCS	27*30*15	11

Precautions

1. This remote control is a precision electronic product, do not use it in a humid and high temperature environment for a long time. When not in use for a long time, remove the battery and store it in a dry, static-free environment.

2. The remote control should not be used in a wide range of metals or in an environment with strong electromagnetic waves nearby, otherwise it will seriously affect the control distance.