LDT-RC-1Z-CCT-W

Single-Zone RF Colour-Temperature Remote

A 1-zone DUO wireless control interface with colour-temperature touch wheel and buttons. Pair each zone with compatible receivers configured for the required lighting mode.

Model specifications

Product function	RF control transmitter
Lighting modes	DUO
Independent zones	1
Power supply	3 VDC; 2 x AAA batteries
Output signal	Compatible RF 2.4 GHz lighting-control protocol
Working current	<5 mA
Standby current	<10 µA
RF distance	Up to 30 m in unobstructed space
Operating temperature	-30 to +55 °C
Body dimensions	122 x 53 x 17.5 mm
User interface	Colour-temperature touch wheel and buttons
Typical standby time	1 year; actual battery life depends on use

The following technical-reference pages retain the complete diagrams, dimensions, settings and installation instructions. Select the lighting variant stated on this cover; family diagrams may also illustrate other variants.

RF | DUO

DUO Touch Wheel RF Remote Controller

- Apply to dual color(warm white + cool white) LED controller.
- Ultra sensitive color adjustment touch wheel.
- Each remote can match one or more receiver.
- AAAx2 battery powered.
- Operate with LED indicator light.

The certification icon represents undergoing cetification applications only, and final certification qualification subject to actual product.



DUO 1 Zone DUO | DUO 4 Zone DUO | DUO 8 Zone DUO

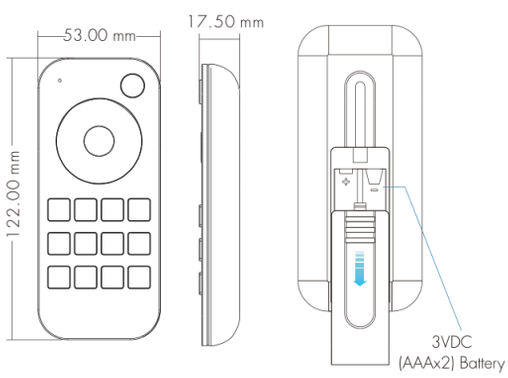
Technical Parameters

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	EN IEC 55015/EN IEC 61547 ETSI EN 301 489-1/-3
Safety standard	EN 61347-1/-2 EN 62493
Radio Equipment	ETSI EN 300 440
Certification	CE RoHS FCC UL

Environment	
Operation temperature	Ta: -30 °C ~ +55 °C
Package	
Size	L140 x W60 x H26mm
Gross weight	0.088kg
Warranty	
Warranty	5 years

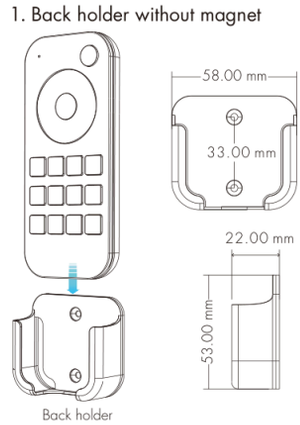
Mechanical Structures and Installations



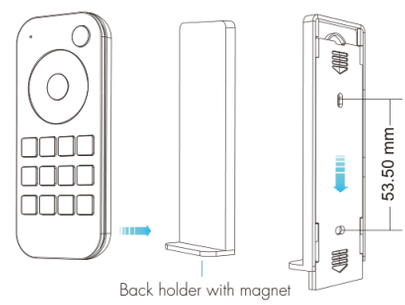
Back Holder

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 paster.

1. Back holder without magnet



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



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 Remote Control (two match ways)

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 flash a few times means match is successful.

Delete:
Press and hold match key for 5s to delete all match,
The LED indicator fast flash a few times means all matched remotes were deleted.

Use Power Restart

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

Delete:
Switch off the power, then switch on power, repeat again.
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

• DUO 1 zone DUO remote



: Turn on/off light.

: Touch to change color temperature.

: Adjust brightness, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

: Get warm white or cold white directly.

: 25%, 50%, 75%,100% brightness.

: Short press recall the scene, long press 2s save current state into S1/2/3/4.
The LED indicator display green when save OK.

• DUO 4 zone DUO remote



: Short press turn on/off all zone light.

: Touch to change current zone color temperature.

: 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.

: Adjust brightness for current selected zone, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

: Get warm white or cold white directly for current selected zone.

: Short press recall the scene, long press 2s save current state into S1/2/3/4.
The LED indicator display green when save OK.
4 zone recall or save synchronously.

• DUO 8 zone DUO remote



: Short press turn on/off all zone light.

: Touch to change current zone color temperature.

: 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.

: Adjust brightness for current selected zone, short press 10 levels, long press 1-6s for continuous 256 levels adjustment.

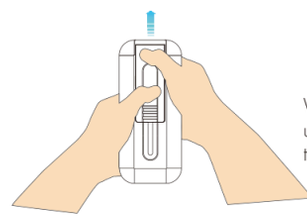
: Short press recall the scene, long press 2s save current state into S1/2.
The LED indicator display green when save OK.
8 zone recall or save synchronously.

Statement

FCC ID Statement:
Mobile
RF Exposure Information
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.
IC ID Statement:
Mobile
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

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.



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