LDT-SW-RF-1Z-DIM

Push-Switch to RF Dimming Transmitter

A 1-zone DIM wireless control interface with external momentary push switch. Pair each zone with compatible receivers configured for the required lighting mode.

Model specifications

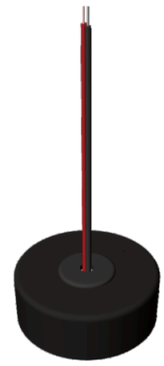
Product function	RF control transmitter
Lighting modes	DIM
Independent zones	1
Power supply	3 VDC; CR2032 battery
Output signal	Compatible RF 2.4 GHz lighting-control protocol
Working current	<5 mA
Standby current	<2 µA
RF distance	Up to 30 m in unobstructed space
Operating temperature	-30 to +55 °C
Body dimensions	43 mm diameter; 17 mm body depth
User interface	External momentary push switch
IP rating	IP20
Typical standby time	2 years; actual battery life depends on use

Connect a suitable dry-contact momentary switch only. Do not apply mains voltage to this battery-powered switch input.

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 | DIM

Push Switch RF Remote Controller



- Apply to single color LED RF controller or RF dimming driver.
- Connect with push switch to achieve on/off and 0-100% dimming function.
- Adopt 2.4GHz wireless technology, remote distance up to 30m.
- Each remote can match one or more receiver.
- CR2032 button battery powered.

FC CE RoHS

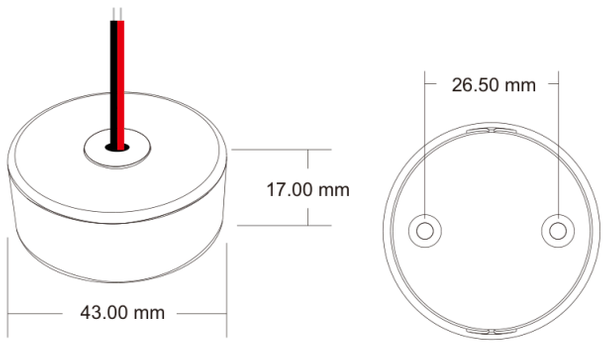
Technical Parameters

Input and Output	
Output signal	RF(2.4GHz)
Working voltage	3VDC(CR2032)
Working current	<5mA
Standby current	<2μA
Standby time	2 years
Remote distance	30m(Barrier-free space)

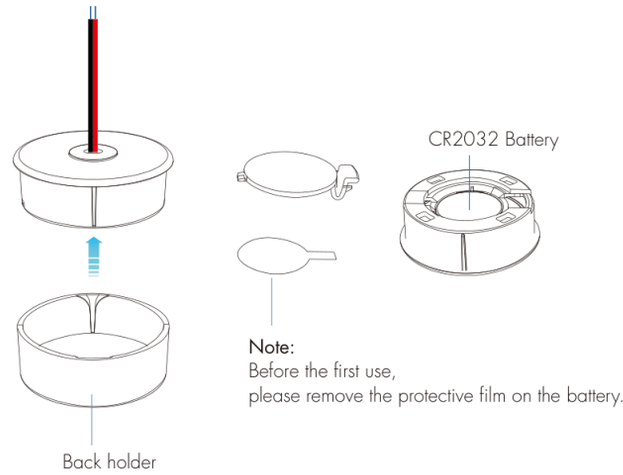
Environment	
Operation temperature	Ta: -30°C ~ +55°C
IP rating	IP 20
Packing	
Size	L60 x W60 x H40mm
Gross weight	0.040kg

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
Warranty	5 years

Dimension

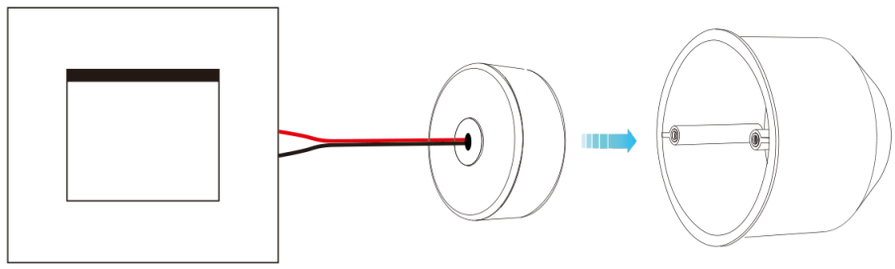


Battery Installation



Note:
Before the first use,
please remove the protective film on the battery.

Wiring Diagram



Push Switch

Base

Push switch function:

1. Short press: Turn on/off light.
2. Long press(1-6s): When light is on, increase or decrease brightness continuously.

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 the push switch.
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 the push switch 3 times.
The light blinks 3 times means match is successful.

Delete:
Switch off the power, then switch on power, repeat again.
Immediately short press the push switch 5 times.
The light blinks 5 times means all matched remotes were deleted.

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.

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.
6. Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children.
   Do NOT dispose of batteries in household trash or incinerate.
7. Even used batteries may cause severe injury or death.
8. Call a local poison control center for treatment information.
9. Compatible battery type is CR2032 and the nominal battery voltage is 3V.
10. Non-rechargeable batteries are not to be recharged.
11. Do not force discharge, recharge, disassemble, heat above 55°C or incinerate.
    Doing so may result in injury due to venting,leakage or explosion resulting in chemical burns.
12. Ensure the batteries are installed correctly according to polarity (+ and -).
13. Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
14. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
15. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

