

INSTRUCTION MANUAL
SPU-DIM-R01



- Mini wireless RF dimmer switch
- Battery included with remote
- On/Off function
- Memory Function

Key features

- Reliable and stable switch with dimming control function.
- 2-year, long-life battery.
- Turns lighting on and off slowly, with no flickering; pleasing to the eye.
- Dimming range : 0,1 - 100 %
- Use with power repeater for unlimited output amplification.
- To control 1 zone with an unlimited number of receivers. Each receiver can be controlled by 8 different remotes.
- Enables Push Dim function once connected to the corresponding receivers.
- Receivers can work with a wireless RF converter having installed software for ISO and Android.
- Operating temperature : 0 - 40 °C
- Relative humidity : 8 - 80 %

Technical characteristics

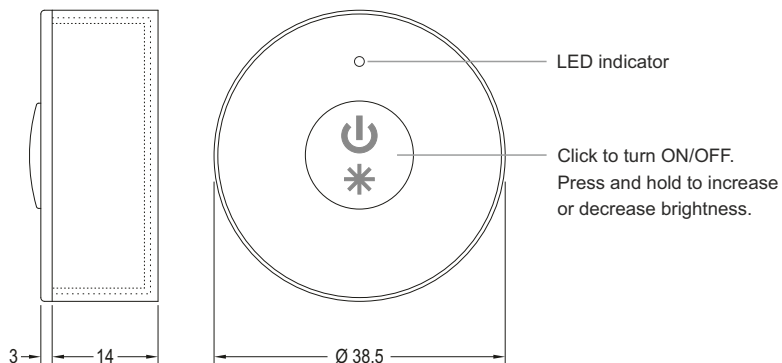
Remote control

Ref.	Operating Voltage	Operating Frequency	Battery
9955905 SPU-DIM-R01	3 VDC	434 MHz / 868 MHz / 915 MHz	Cr2025

Corresponding Controller

Ref.	Input Voltage	Output Current	Output Power	Observations
9955901 SPU-DIM-C01	12 - 36 VDC	1 x 8 A	1 x (96 - 288) W	Constant voltage

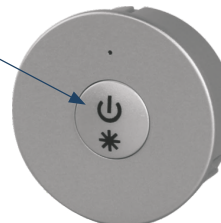
Dimensions



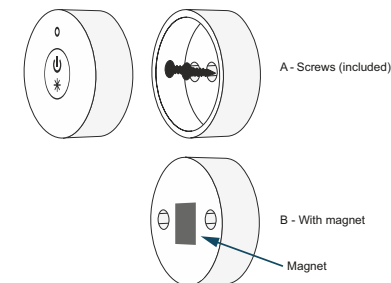
Functions and installation

1. Functions

Short press: ON/OFF
Long press: dimming



2. Installation



3. Compatible with



SPU-DIM-C01

4. Pairing the receiver

- One click on the Learning Key
- Around 3 seconds
- LEDs flash → Pairing successful.
- To cancel pairing, simply hold the Learning Key on the receiver down for around 3 seconds.

Operation

1. Pairing with RF receivers:

Click on the "Learning Key" on the RF receiver → Click the * button on RF remote → The LED lights connected to the RF receiver flash once → The receiver is successfully paired with the remote

2. To cancel pairing:

Press and hold the Learning Key button on the receiver for around 3 seconds until the LED light flashes twice. Pairing is successfully cancelled.

Safety warnings

- 1) This product must be installed and serviced by qualified personnel.
- 2) IP20. Protect from sun and rain. For outdoor installations, make sure it is housed inside a waterproof enclosure.
- 3) Always ensure the device is installed in a properly ventilated area to avoid overheating.
- 4) Make sure that the output voltage of any LED power supply used complies with the working voltage of the product.
- 5) Never connect any cables while the power is on. To avoid short circuits, check the connections are correct before switching on.
- 6) Check that cables are securely attached to the terminal blocks.
- 7) Please contact your supplier for updated information.
- 8) This device contains a lithium battery that must be stored and disposed of properly.
- 9) DO NOT expose the device to humidity.