2.4G RF dimming remote, 4 zones

Model № SSR4Z

DESCRIPTION

2.4G SMART light control system includes series of RF remotes, dimmable constant current LED drivers and 12/24 VDC dimmer for LED lighting. The LED light can be adjusted with multi zone control function (single zone or overall zones control).

SSR4Z is an RF remote which can control four groups of drivers and dimmers from the series- **SSD13300, SSD40850, SSD1216.**

TECHNICAL DETAILS

- **Working voltage:** 2x AAA batteries 1.5 V
- **Number of control zones:** 4
- **Frequency:** 2.4 GHz
- **Index of protection:** IP20
- **Remote distance:** up to. 20 m
- **Dimensions:** 40/148/27 mm
- **Working temperature:** -10° C ÷ $+40^o$ C
- **Warranty:** 2 years

Wall hanger for RF remote, which can be mounted by mounting sticker or fastener included in the kit.

KEYS FUNCTION

Key	Function
ON	Turns ON selected zone (all zones together)
OFF	Turns OFF selected zone (all zones together)
MODE (DIM)	3 Brightness Grades: 20%, 50%, 100%
Brightness -	Decrease light brightness
Brightness +	Increase light brightness
Night light	5% brightness
Zone selection	Select zone to control
Zone indicator light	Indicates controlled cone (all zones)
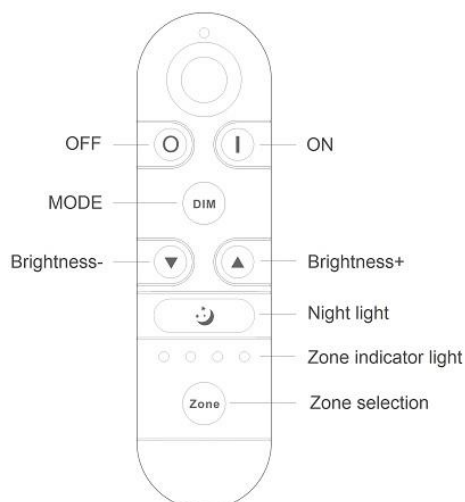
Note: Short press **"Zone Selection"** key, for single zone shift, selected zone indicator lights on. Long press **"Zone Selection"** key for 3 seconds selects all zones – all indicators light up. All zones are controlled simultaneously.

INSTRUCTIONS

2.4G Smart system for LED lighting includes constant current LED drivers, 12/24 VDC dimmer and control devices – single zone and four zones remote controllers, single zone and four zones wall panels. The number of drivers/dimmers and remote controllers in one system is unlimited. 2.4G Smart system has one unique RF code for communication. Each driver/dimmer and each remote controller can remember only one RF code, recorded in the first programing. New RF code can be recorded after delete the old one.
In one 2.4G Smart system can be set(pair) only same zone numbers remote controllers and wall panels.

- *Pairing of SSR4Z to drivers/dimmers*

Step	Operation	Instructions
1	Connect the load to the drivers/dimers and turn the power on.	1.It is necessary to clear the code first, if the drivers/dimers was coded before. 2.Pairing operation can be performed within the remote control range.
2	Select area	Select the area with the **"Zone"** key and the corresponding indicator lights up
3	Press and hold **"ON"** on the remote control for 5 seconds. The indicator of the remote control will flash quickly, means it enters the pairing code transmission.	Remote controller will automatically exit code transmission after 60 seconds, or by pressing any key.
4	The load flashes 3 times and return to the initial state	Pairing is finished successfully

- *Clearing RF Code from drivers/dimmers*

Step	Operation	Instructions
1	Connect the load to the drivers/dimers and turn the power on.	1. The clearing operation should be finished within 5 minutes after the drivers/dimers are powered on. If exceeds the time, can be powered on again. 2. Pairing operation can be performed within the remote control range.
2	Press and hold the remote control **"OFF"** for 10 seconds. The indicator of the remote control flashes quickly, means it enters the clearing code transmission. There is no need to select the corresponding area when clearing code.	1. Remote controller will automatically exit code transmission after 60 seconds, or by pressing any key. 2. If the original remote controller is lost, the new remote controller can be used for clearing operations.
3	The load flashes 3 times and return to the initial state	Clearing coding is finished successfully

- *RF Code learning operation between remote controls*

Since each remote controller has its own unique RF code at the time of delivery, when there are multiple remote controllers in one system, one of them must be selected as a main, and other remote controllers should copy its RF code.
1. **Main** remote controller: Press and hold **"ON"** key for 5 seconds. The indicator of the remote control will flash quickly, means it enters the pairing code transmission status.
2. **New** remote controller: Press and hold **"MODE"** key for 5 seconds.
3. Indicator of the new remote controller flash three times after successful code learning.

- *Remote controller RF code learning from drivers/dimers*
1. Turn off the power supply of the drivers/dimers.
2. Press and hold **"MODE"** key for 5 seconds until indicator of remote controller turns off.
3. Turn on the power supply of the drivers/dimers. Indicator of the remote controller flashes three times after successful code learning.
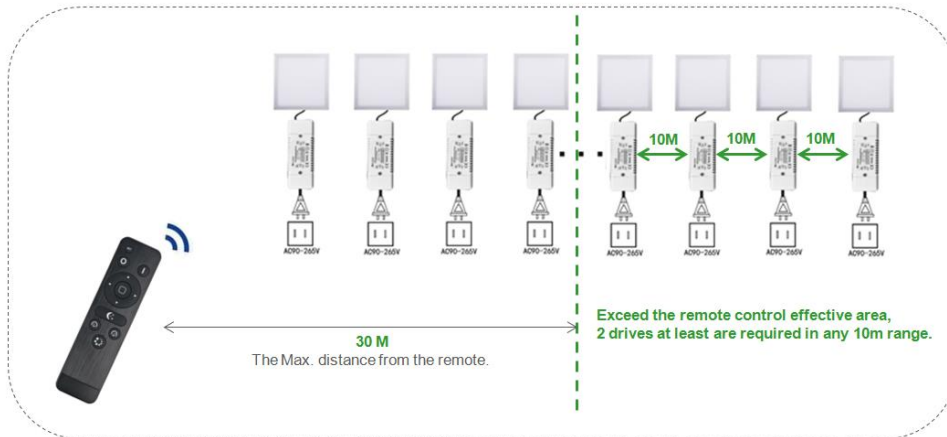
Note: The distance from drivers/dimers to remote controllers should be less than 2 meters. If the distance of drivers/dimmers of different zones to remote controller is greater than 2 meters, upper steps must be repeated for every zone.

- *Restoring factory settings of remote controller*
  1. Press and hold "**MODE**" key for 20 seconds until indicator of remote controller turns off.
  2. Press **"OFF"** button. Indicator of the remote controller flashes three times after successful operation.

- *Range*

wireless-sync application of the RF dimming driver

10M 10M 10M

30 M
The Max. distance from the remote.

Exceed the remote control effective area,
2 drives at least are required in any 10m range.

Range of control on 2.4G Smart system is not limited from the range of remote controller. In a large premises, exceeding the range of remote controller, drivers/dimers transmits signal among themselves and inspect the light state for each other. This is possible when distance between drivers/dimers is less than 10 meters.

TAKING CARE OF THE NATURAL ENVIRONMENT CLEANLINESS

- The product and its components are not harmful to the environment
- Please dispose the package elements separately in containers for the corresponding material.
  - Please dispose the broken product separately in containers for out of usage electrical equipment.