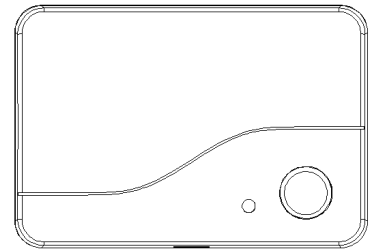# LA5596 Wireless Switch Dimmer

It enables remotely switching of any incandescent lamps. wirelessly via Home Automation Controller.

## Specifications

|	
Power Supply	AC220~ AC230V/50HZ
Max Load	4A@AC220~230V/50HZ
Coverage Range	Up to100 meters (line of sight)
Dimension	Approx. 80 mm x 55mm x 30mm

LED status indication

|	
Green LED flash	Operate ok indication (clear pre-learn ID ok)
Green LED on	System work at automation mode and relay off
Red LED flash	System work at learn mode
Red LED on	System work at manual mode or relay on

Connect Diagram
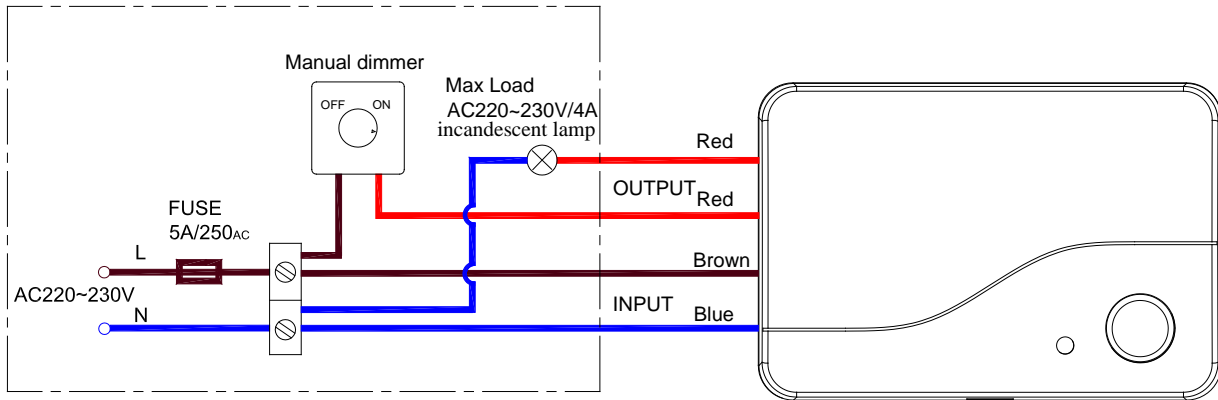
How clear learnt Wireless Switch Dimmer

1. Power down the Switch Dimmer

2. Press hold the button

3. Power up

4. Hold up the button about 5 seconds, wait for green LED flash 2 times indicate clear learn ok.

>5s + power up
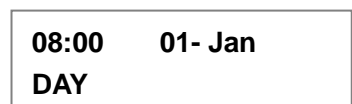
Led flash green 2 times
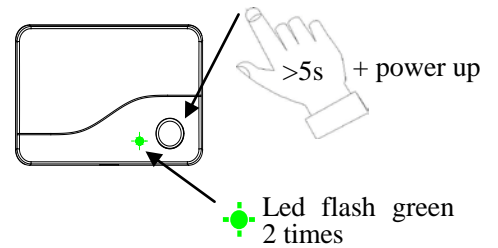
How to learn Wireless Switch Dimmer into Controller

[SET]

[RESET]   [ACTION]
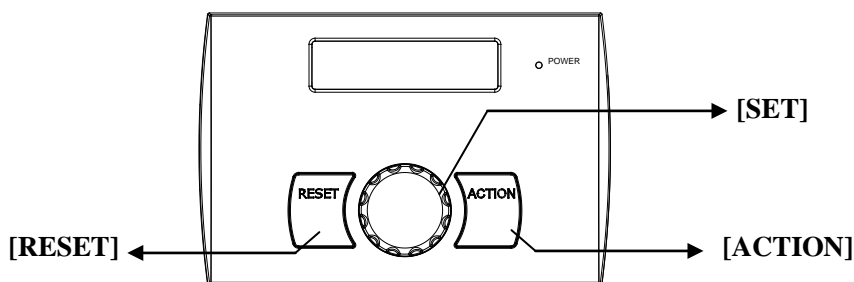
LA5592 Home Automation Controller

Step1: Set home automation controller as follow:

08:00   01- Jan
DAY

• It is accessed directly from Day mode via press **[SET]** key

• Press **[SET]** key will go into Program Mode

```
08:00      01- Jan
SETUP   ACT   INFO
```

• When cursor indicate SETUP, press **[SET]** key will go
　　into SETUP program mode

```
SETUP MENU
Setup System?
```
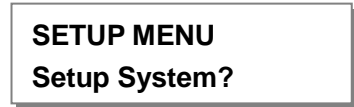
• Rotate **[SET]** key to select **Output Device?**
　and press **[SET]** key go into **Output Device** function.

```
SETUP MENU
Output Device?
```

• Rotate **[SET]** key to select **Output 3?**
　and press **[SET]** key go into setup output device 3 function.

```
OUTPUT DEVICE
Output 3?
```

• Rotate **[SET]** key to select **Device Type?**
　and press **[SET]** key go into **Output Device Type** function.

```
Input Device
Device Type?
```

• LCD display current output device type
　　Rotate **[SET]** key to select **Switch Dimmer** type

```
Device Type
Switch Dimmer?
```

• LCD display Set Dimmer Step
　　Rotate **[SET]** key to select **Dimmer Step No**,

```
Set Dimmer Step
(1-8): ? 1
```

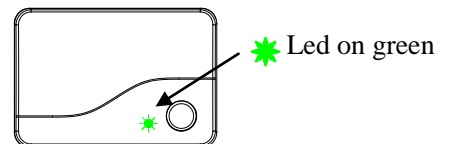• Press **[SET]** key to save it, it will exit and go to "Tx Learn Data".
　Note: Controller transmit learn data, ID save to Output device

```
Output Device
Tx Learn Data?
```
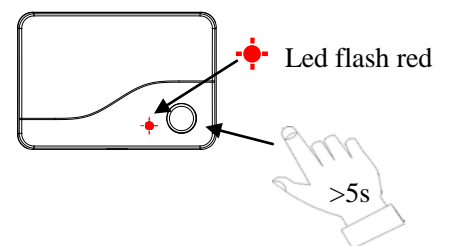
Step2: Operate wireless Switch Dimmer as follow:
　• Powering up the Switch Dimmer (Green LED is ON)

✳ Led on green

　• Hold up the button about 5 seconds , switch dimmer go into learn mode,
　　the red led is flashing, within 15 seconds no data it will auto exit and
　　return last time work mode, or learn ok will auto exit.

● Led flash red
>5s

　• Note: Switch dimmer max up learn 8 ID.

Step3: Operate Home Automation Controller as follow:
• 　Press **[SET]** key, Controller will transmit learn data to output device

```
Tx Learn Data
to output device
```

Note: Switch dimmer learn OK will exit learn mode, ensuring the
switch dimmer work in automation mode (Green LED is ON)

✳ Led on green
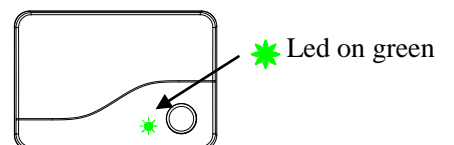
- Learn OK, to enable the output device of controller and press **[SET]** key go into **Enable Work** function.

| Output Device
| Enable? |

- Display current Enable stauts

| Enable Work
| OFF? |

- Rotate **[SET]** key to select ON,and press **[SET]** key to accept, it will enable Output Device 3 work

| Enable Work
| ON? |

- Set Enable Work/ OFF, Controller will can't action the output device

| Enable Work
| OFF? |

- System generate an have OK tone, it will exit and go into next Output Device

| OUTPUT DEVICE
| Output 4? |

How to test Wireless Switch Dimmer via controller

- It is accessed directly from Day mode via press **[SET]** key

| 08:00   01- Jan
| DAY |

- Press **[SET]** key will go into Program Mode

| 08:00   01- Jan
| **SETUP**   ACT   INFO |

- Rotate **[SET]** key to select **INFO ?**

| 08:00   01- Jan
| SETUP   ACT   **INFO** |

- When cursor indicate INFO, press **[SET]** key will go into view information mode

| INFO MENU
| View Log? |

- Rotate **[SET]** key to select **Test System?**

| INFO MENU
| Test System? |

- Press **[SET]** key go into Test System function.

| TEST SYSTEM
| Speaker Test? |

- Rotate **[SET]** key to select **Out_Deviec Test?**

| TEST SYSTEM
| Out_Device Test? |

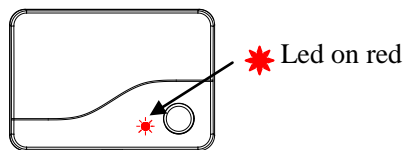- press **[SET]** key go into test output device function. and rotate **[SET]** key to select will test device

| Out_Device Test
| O03:Output 3? |

・Press **[SET]** key to accept and the toggle test outputs ON

O03:Output 3
ON,Press any key

・The switch dimmer is open, Loasd output is ON, red led on.

Led on red

・Press any key stop output and it will go into next output device

Out_Device Test
O04:Output 4?

・The switch dimmer is close, Load output is Off, green led on.

Led on green

PRM-S-LA5596