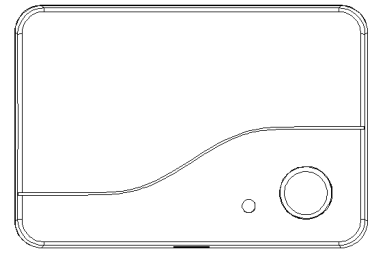# LA5595 Wireless Low Power Switch

It enables remotely switching of any 12V DC devices, such as lamps , cameras, door strikes and garage doors etc. wirelessly via Home Automation Controller.
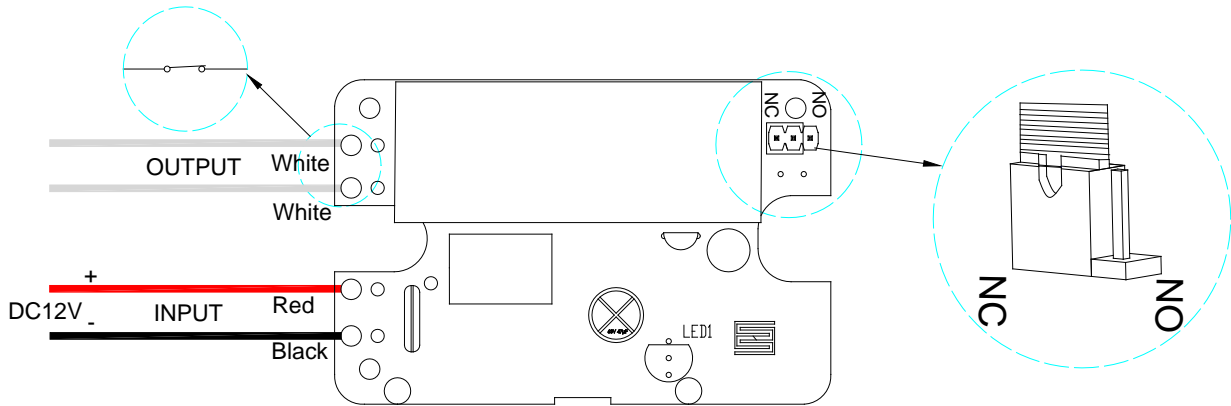
Specifications

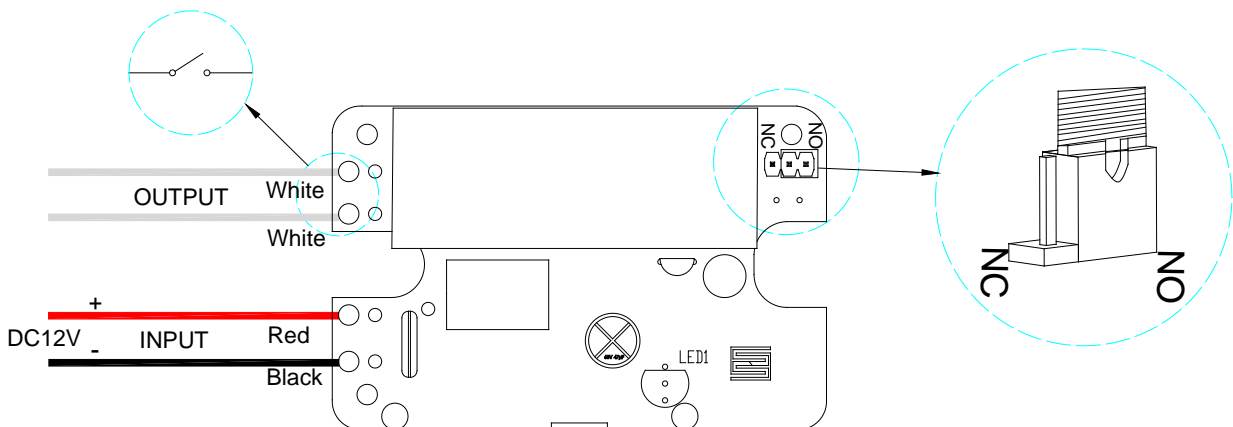|	
Power Supply	$12V_{DC}$-200mA
Max Load	3A@12V, 2A@24V
Coverage Range	Up to100 meters (line of sight)
Dimension	Approx. 80 nm x 55mm x 30mm

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

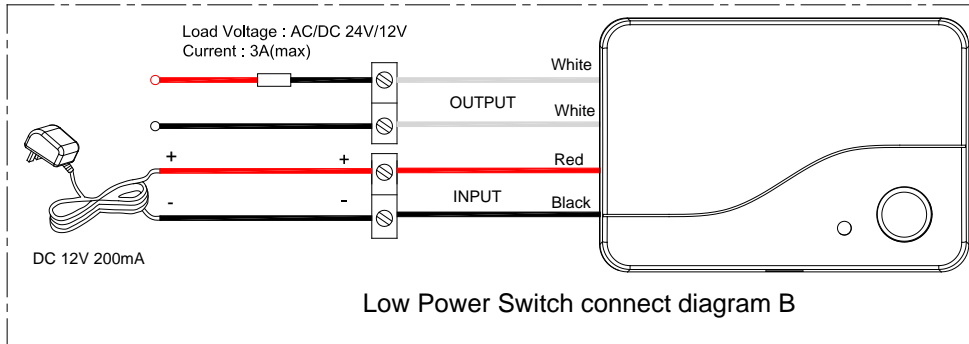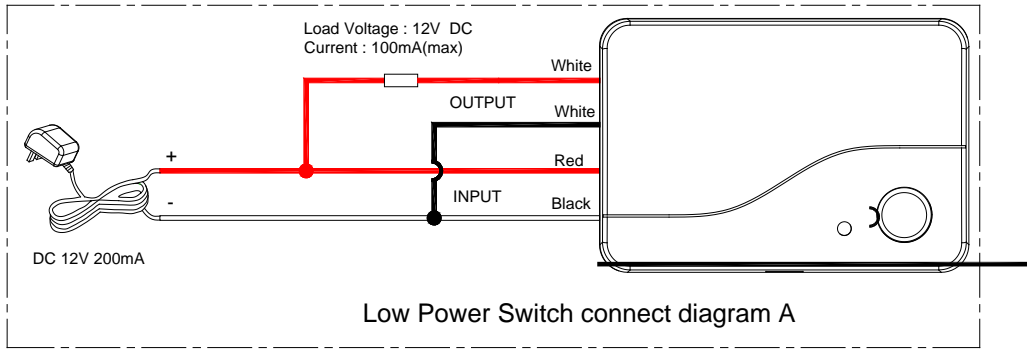## Relay output status jumper select

Select NC: Normal Close (Default select)

Select NO: Normal Open

Connect Diagram

Load Voltage : 12V DC
Current : 100mA(max)

White
OUTPUT
White
Red
INPUT
Black

DC 12V 200mA

Low Power Switch connect diagram A

Load Voltage : AC/DC 24V/12V
Current : 3A(max)

White
OUTPUT
White
Red
INPUT
Black
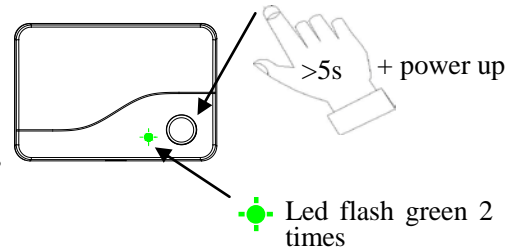
DC 12V 200mA

Low Power Switch connect diagram B

How to clear learnt Wireless Low Power Switch

1. Power down the Low Power Switch
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 Low Power Switch into Controller

O POWER

[SET]

RESET   ACTION

[RESET]   [ACTION]
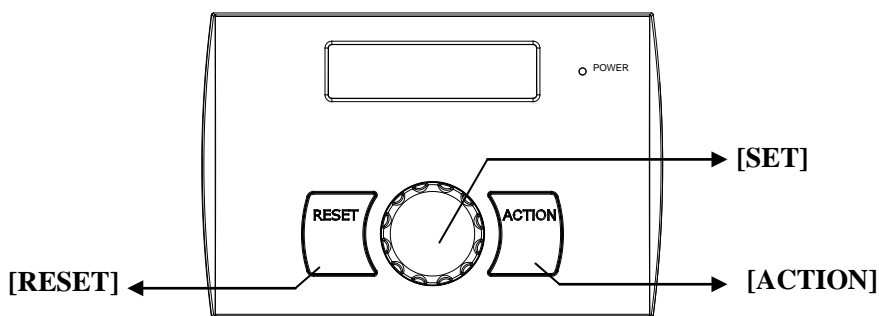
LA5592 Home Automation Controller

Step1: Set home automation controller as follow:

· 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 |

- 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 1?**
  and press **[SET]** key go into setup output device 1 function.

OUTPUT DEVICE **Output 1?**

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

Output Device **Device Type?**

- LCD display current output device type
  Rotate **[SET]** key to select **Low Power SW** type,

Device Type **Low Power SW?**

- 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?**
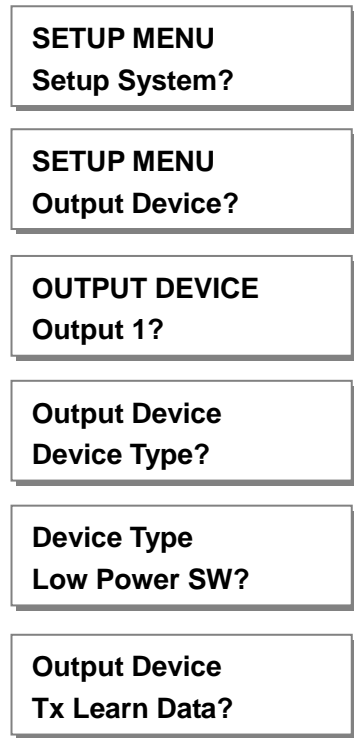
Step2: Operate wireless Low Power Switch as follow:
  - Powering up the Low Power Switch, (Green LED is ON)

Led on green

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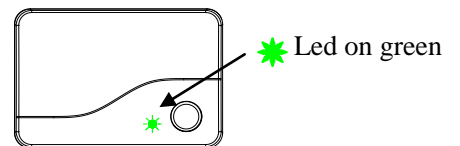   return last time work mode, or learn ok will auto exit.

Led flash red
>5s
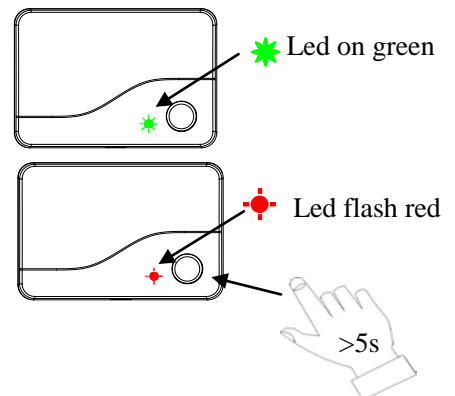
Step3: Operate Home Automation Controller as follow:
  - Press **[SET]** key, Controller will transmit learn data to output device

Tx Learn Data **to output device**
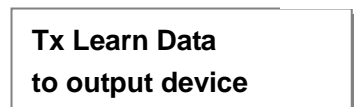
Note: Low power switch learn OK will exit learn mode, ensuring the
low power switch work in automation mode (Green LED is ON)

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 1 work

Enable Work **ON?**

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

Enable Work **OFF?**
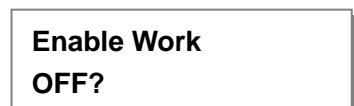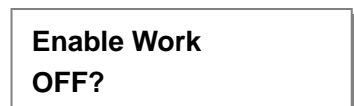
- System generate an have OK tone, it will exit and go into next Output Device

<div style="border:1px solid">

OUTPUT DEVICE
Output 2?

</div>

How to test Wireless Low Power Switch via controller

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

<div style="border:1px solid">

08:00   01- Jan
DAY

</div>

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

<div style="border:1px solid">

08:00   01- Jan
SETUP ACT   INFO

</div>

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

<div style="border:1px solid">

08:00   01- Jan
SETUP   ACT   INFO

</div>

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

<div style="border:1px solid">

INFO MENU
View Log?

</div>

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

<div style="border:1px solid">

INFO MENU
Test System?

</div>

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

<div style="border:1px solid">

TEST SYSTEM
Speaker Test?

</div>

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

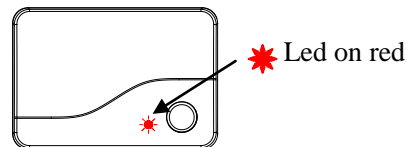<div style="border:1px solid">

TEST SYSTEM
Out_Device Test?

</div>

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

<div style="border:1px solid">

Out_Device Test
O01:Output 1?

</div>

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

<div style="border:1px solid">

O01:Output 1
ON, Press any key

</div>

- The low power switch is open, Relay is ON, red led on.

Led on red

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

<div style="border:1px solid">

Out_Device Test
O02:Output 2?

</div>

- The low power switch is close, Relay is Off, green led on.

Led on green