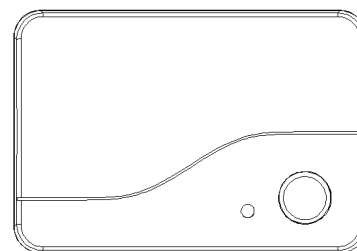


LA5594 Wireless High Power Switch

It enables remotely activation of any AC220~AC230V/50HZ power socket. Turn lights on and off, motors, heaters etc. wirelessly via Home Automation Controller.



Specifications

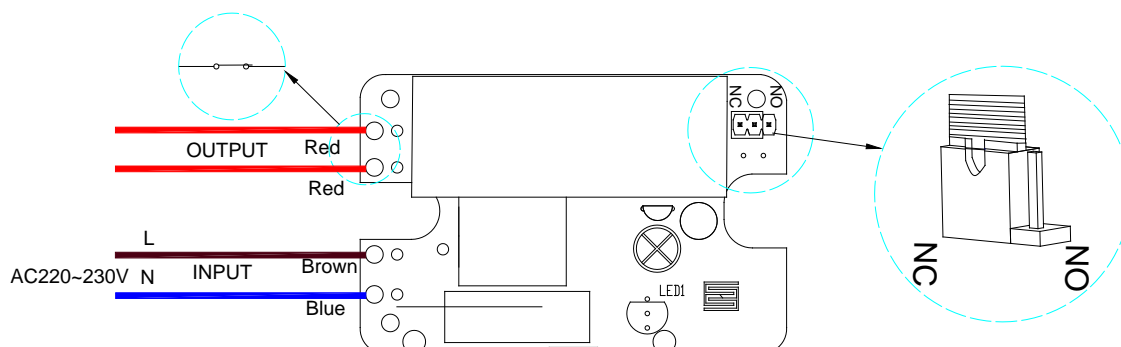
Power Supply	AC220~AC230V/50HZ,
Max Load	5A@AC220~230V/50HZ
Coverage Range	Up to 100 meters (line of sight)
Dimension	Approx. 80 mm x 55mm x 30mm

LED status indication

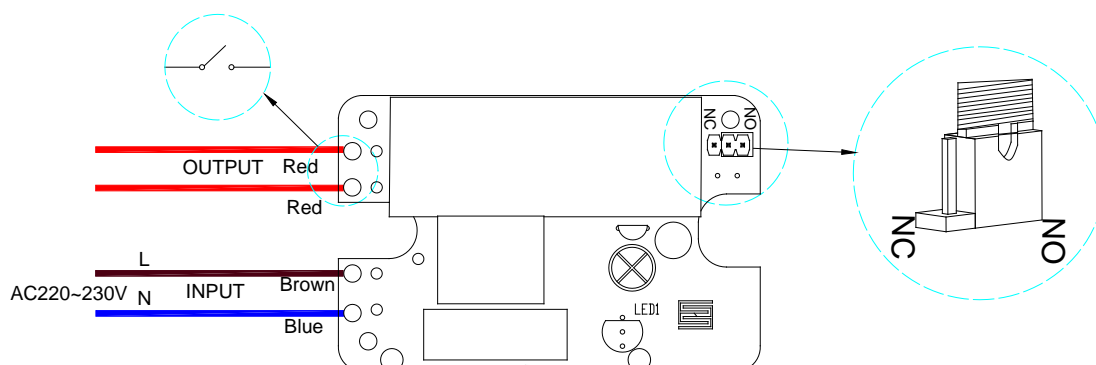
Green LED flash	Operate ok indication (clear pre-learn ID ok)
Green LED on	System work at automation mode and relay off
Red LED flash	System work at learn mode
Red LED on	System work at manual mode or relay on

Relay output status jumper select

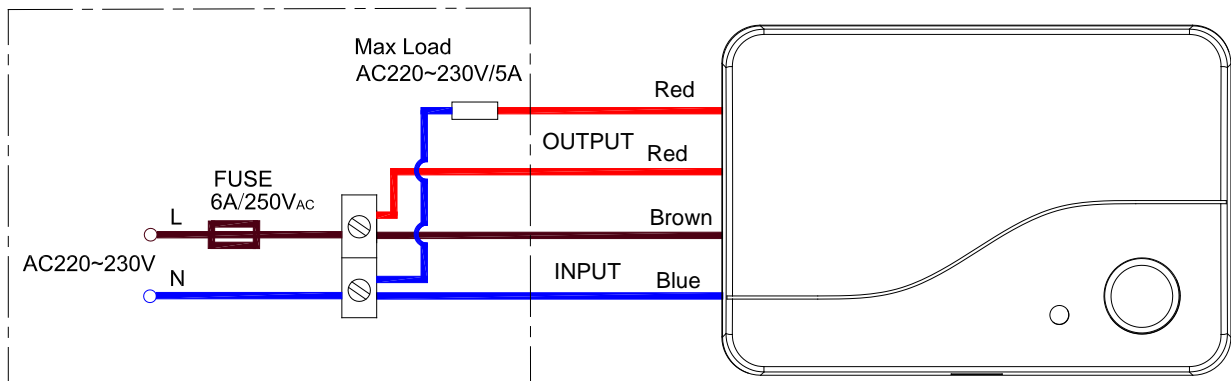
Select NC: Normal Close (Default select)



Select NO: Normal Open

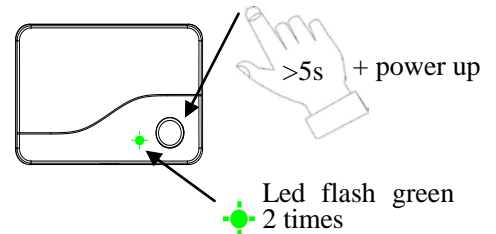


Connect Diagram

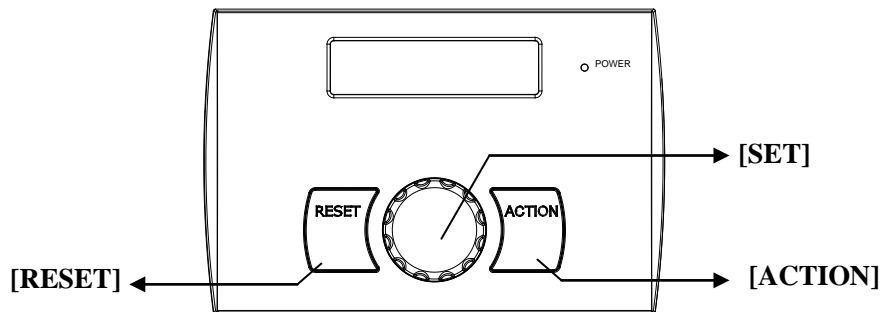


How to clear learnt Wireless High Power Switch

1. Power down the 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.



How to learn Wireless High Power Switch into Controller



Home Automation Controller

Step1: Set home automation controller as follow:

- It is accessed directly from Day mode via press [SET] key
- Press [SET] key will go into Program Mode
- When cursor indicate SETUP, press [SET] key will go into SETUP program mode
- Rotate [SET] key to select **Output Device?** and press [SET] key go into **Output Device** function.

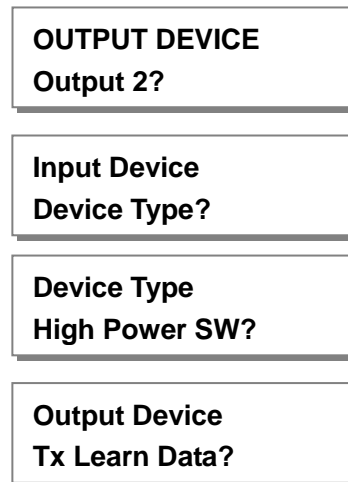
08:00	01- Jan
DAY	

08:00	01- Jan
SETUP	ACT INFO

SETUP MENU
Setup System?

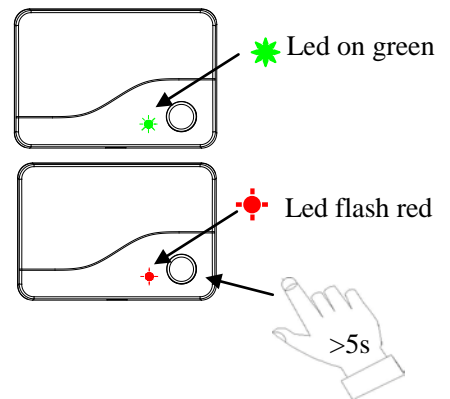
SETUP MENU
Output Device?

- Rotate [SET] key to select **Output 2?**
and press [SET] key go into setup output device 2 function.
- Rotate [SET] key to select **Device Type?**
and press [SET] key go into **Output Device Type** function.
- LCD display current output device type
Rotate [SET] key to select **High Power SW** type,
- 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



Step2: Operate wireless High Power Switch as follow:

- Powering up the High Power Switch, (Green LED is ON)
- 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.

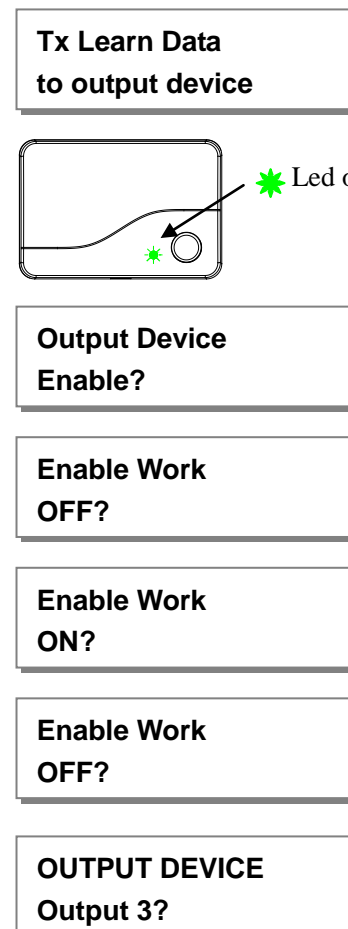


Step3: Operate Home Automation Controller as follow:

- Press [SET] key, Controller will transmit learn data to output device

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

- Learn OK, to enable the output device of controller and press [SET] key go into **Enable Work** function.
- Display current Enable stauts
- Rotate [SET] key to select ON, and press [SET] key to accept, it will enable Output Device 2 work
- Set Enable Work/ OFF, Controller will can't action the output device
- System generate an have OK tone, it will exit and go into next Output Device



How to test Wireless High Power Switch 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 to 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 System function.

Out_Device Test
001:Output 1?

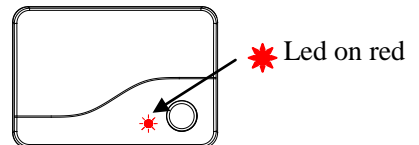
- Rotate [SET] key to select will test device

Out_Device Test
002:Output 2?

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

002:Output 2
ON,Press any key

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



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

Out_Device Test
003:Output 3?

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

