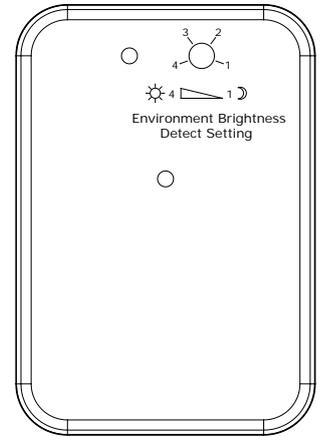


LA5598 Light Sensor Operation Manual

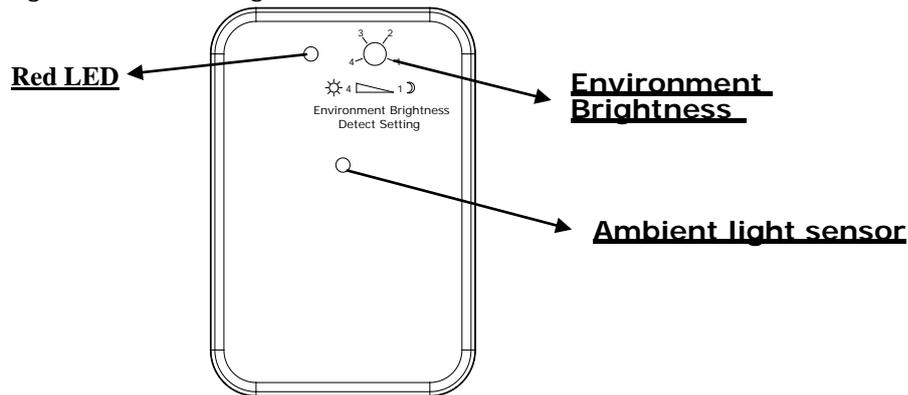
Introduction

Light Sensor can expand the functionality home automation system; It use Ambient light sensor detect Environment Brightness, when Environment Brightness had changed, it sends signal to Control Panel using wireless AM433Hz signals communication

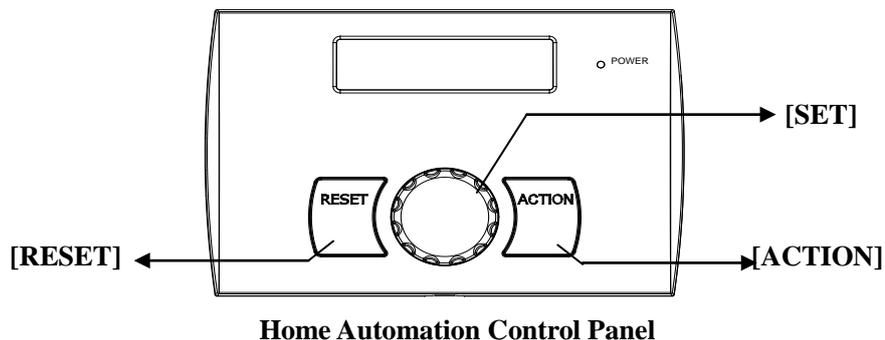


Operation

Powering up Wireless Light Sensor, Then it sends learn signal to Control Panel; at the same time, the red LED flash 6 times, it goes into working mode.



How to operate a Light Sensor to Controller



e.g. Setup input device 4 type to Other

Step1: Set home automation controller as follow:

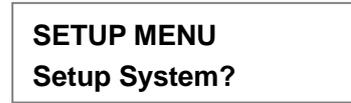
· It is accessed directly from Day mode via press **[SET]** key

08:00	01- Jan
DAY	

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



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



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



• Rotate **[SET]** key to select **Input 4?** and press **[SET]** key go into setup input device 4 function.



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



• Rotate **[SET]** key to select **Other** type
Press **[SET]** key to select **Other** type,



Note: If system generate an have error tone ,please go into Input Device/Enable, set OFF

• Press **[SET]** key to save it, or press **[RESET]** key to cancel, it will exit and go to "Learn In_Device".

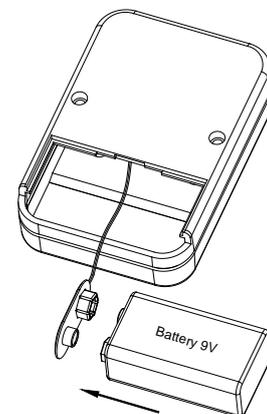


• Press **[SET]** key go into **Learning...** status.
ensuring it is kept at least 0.5m away from the Controller.
To Light Sensor:



Step2: Operate Light Sensor as follow:

Powering up Wireless Light Sensor,
Then it sends learn signal to Control Panel;
at the same time, the red LED flash 4 times,
it goes into working mode.



Step3: Operate Home Automation Controller as follow:

- Learn OK, Controller will generate an have OK tone, it will exit and go into **Enable Work** function
- Display current Enable stauts
- Rotate **[SET]** key to select ON,and press **[SET]** key to accept, it will enable Input Device 4 work
- Set Enable Work/ OFF, If the wireless device have been learnt into the system, It will clear input device 4 ID
- System generate an have OK tone, it will exit and go into next Input Device

**Input Device
Enable?**

**Enable Work
OFF?**

**Enable Work
ON?**

**Enable Work
OFF?**

**INPUT DEVICE
Input 5?**

How to test System

It is accessed directly from Day mode via press [SET] key To operate the "Enter ACTION operation menu" as follow:

**08:00 01- Jan
DAY**

- Press [SET] key will go into Program Mode
- Rotate [SET] key to select INFO ?
- When cursor indicate INFO, press [SET] key will go into view Information mode

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

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

**INFO MENU
View Log?**

Rotate [SET] key to select Test System?

**INFO MENU
Test System?**

- Press [SET] key go into Test System function. and Rotate [SET] key to select In_Deviec Test?
- press [SET] key go into input device test function.

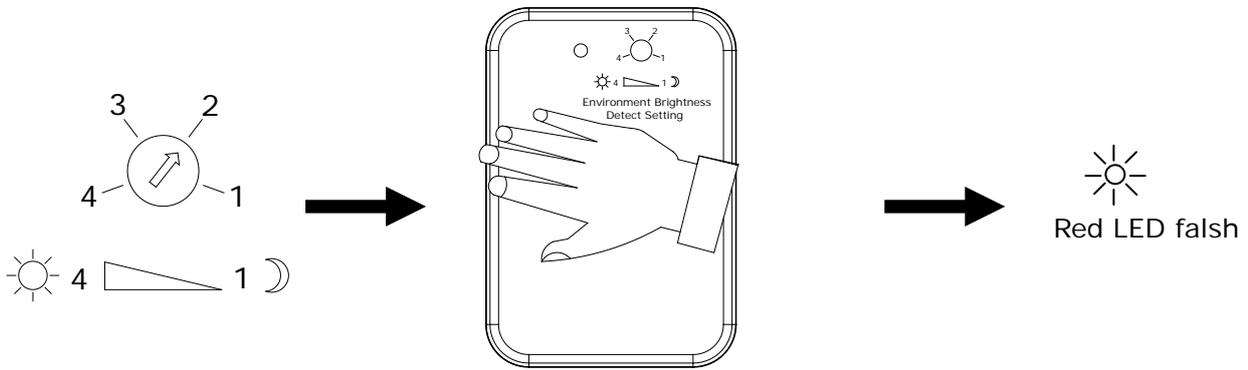
**TEST SYSTEM
In_Device Test?**

Input Device Test

• Trigger input device 4:

1.set "Environment Brightness Detect Setting" at "2"

2. simply moving your hand in front of "Ambient light sensor",
Then Red LED flash ,



• In Home Automation Controller ,the toggle device will display in LCD,
(Input device 4, name: Input 04, type: OTHER, Other)
if it isn't displayed, to check the device that you trigger.

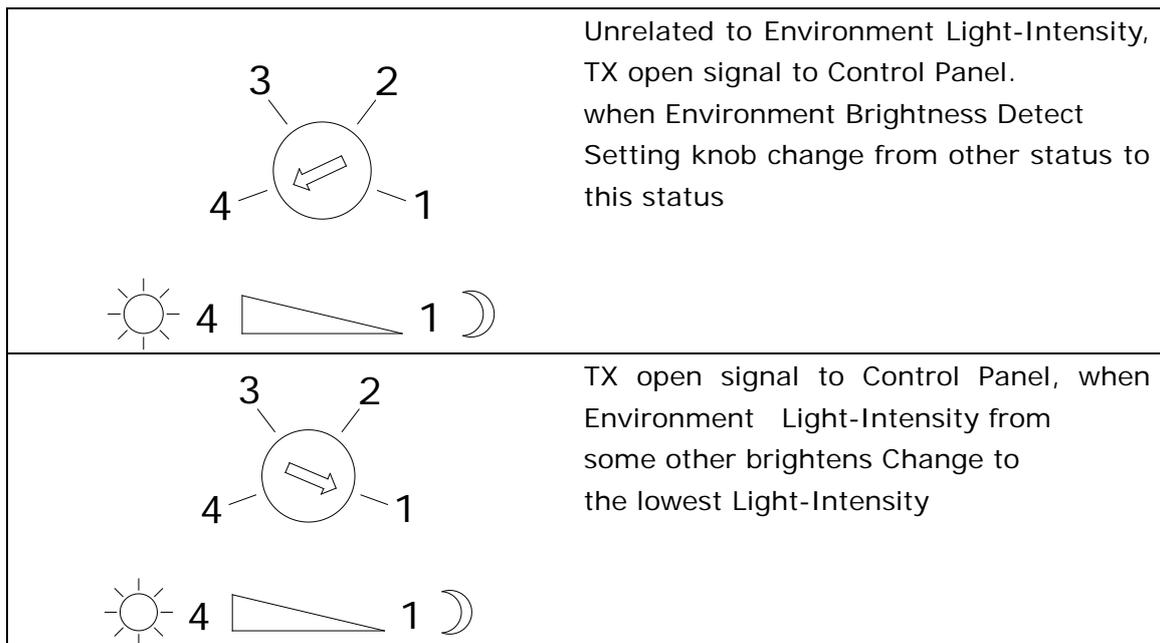
I04:Input 04
OTHER: Other

• Press any key to exit the menu return to view Panel Version

INFO MENU
Panel Version?

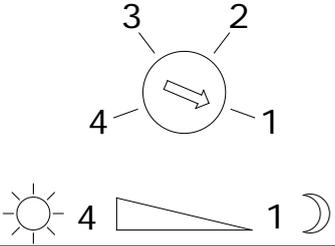
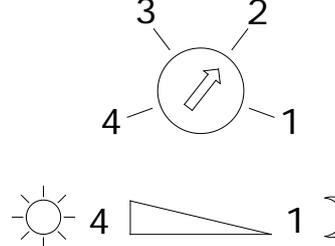
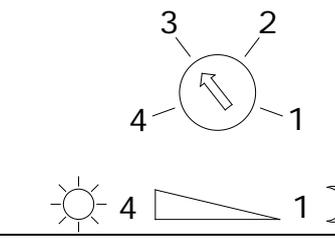
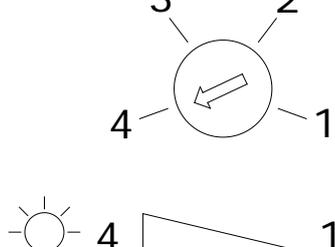
Setting knob operation

Environment Brightness Detect Setting : start from  to 



According to environment light-intensity, the position of Environment Brightness Detect Setting knob may be set as below :
 Open signal :TX open signal to Control Panel, and the red LED flash 3times

Note: from “\” to “Open signal” status ,then TX open signal to Control Panel ;
 other condition not do anything

Environment Brightness Detect Setting	Environment Light-Intensity			
	The strongest	The second	The third	The last
	\	\	\	Open signal
	\	\	Open signal	Open signal
	\	Open signal	Open signal	Open signal
	Open signal	Open signal	Open signal	Open signal

Specification

Light sensor

LED	:	On/off indicator
Transmission Frequency	:	AM 433MHz ;
Wireless Transmission Range	:	100 meters (line of sight)
Power Supply	:	9V battery