

LA5593 Wireless IR Doorway with Solar Panel Operation Manual

Introduction

Wireless IR Doorway can expand the functionality of the LA5592 Home automation system.

Contents

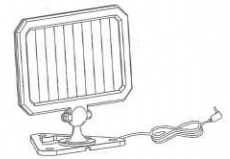
Infrared Beam x 1

It receives the band-base center frequency (e.g. 38 kHz);



Solar panel x 1

It is used to charge the rechargeable batteries for the Wireless IR Doorway . When Wireless IR Doorway is connected to the Solar Panel, its battery will last longer



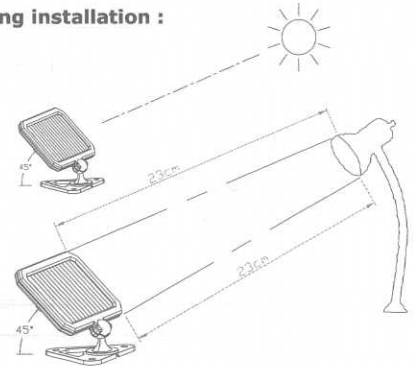
Reflector x 1

Reflect signal to the Solar Wireless doorway Infrared Beam



Please read this manual carefully before commencing installation :

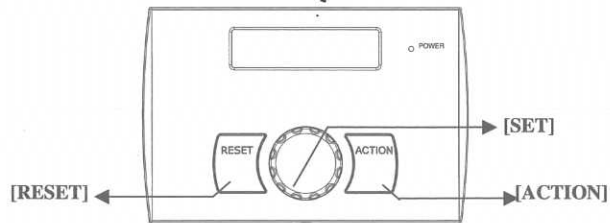
- 1). Please charge the unit in ideal sun light for 2 days before first time use. If bad weather occurs, please charge for 5 days. (The unit should be turned off for charging).
- 2) If the rechargeable battery is completely flat, please turn it off and charge it in ideal sun light for 2 days or use the quartz light (at 50W) instead of sun light for charging as below :



Operation

Powering up Wireless IR Doorway , 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 Wireless IR Doorway to Controller (LA5592)



e.g. Setup input device 2 type to Security / Delay Zone

Step1: Set Home automation controller as follow:
 ·It is accessed directly from Day mode via pressing [SET] key

08:00	01- Jan
DAY	

·Pressing the [SET] key will go into Program Mode
 ·When cursor indicate SETUP, pressing [SET] key will go into SETUP program mode

08:00	01- Jan
SETUP	ACT INFO

SETUP MENU
Setup System?

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

SETUP MENU
Input Device?

• Rotate [SET] key to select **Input 2**
 and press [SET] key go into setup input device 2 function.

INPUT DEVICE
Input 2?

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

Input Device
Device Type?

- Press **[SET]** key to select **Security Zone** type, and press **[SET]** key go into **Zone Attribute** function

Device Type
Security Zone?

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

- Rotate **[SET]** key to select **Delay Zone** attribute

Zone Attribute
Delay Zone

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

Input Device
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:

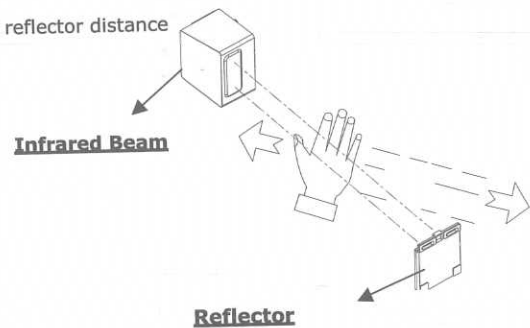
Learn In_Device
Learning...

Step2: Operate Wireless IR Doorway as follow:

Set Infrared Beam and reflector in the same level

moving your hand it front of the Infrared Beam, then Infrared Beam's red LED flash 3 times, and send Motion triggered signal to Control Panel

Note: Between Infrared Beam and reflector distance (from 0m to 6m)



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

Input Device
Enable?

• Display current Enable stauts

Enable Work
OFF?

• Rotate **[SET]** key to select ON,and press **[SET]** key to accept, it will enable Input Device 2 work

Enable Work
ON?

• Set Enable Work/ OFF, If the wireless device have been learnt into the system, It will clear input device 2 ID

Enable Work
OFF?

• System generate an have OK tone, it will exit and go into next Input Device

INPUT DEVICE
Input 3?

Specification

Wireless IR Doorway

Type :	IR Receiver Modules for Remote Control Systems
Housing :	ABS
LED :	On/off indicator
Transmission Frequency:	AM 433MHz
Fixing place length :	0---6m
Fixing place height :	0.3---1.2m
Power Supply:	4 X1.2 AAA rechargeable battery pack

Solar panel

Type	Solar battery
Housing	ABS
Power output wire	PJ2.5 φ3.0 x 2.5m white