Plug-In Module (Indoor / Outdoor)   Model PA-318

1. INTRODUCTION

Thank you for your purchase of a SkylinkHome™ lighting receiver, Plug-In Module (Indoor / Outdoor), Model PA-318. This receiver module allows you to wirelessly turn on and off different lighting fixtures with the SkylinkHome™ lighting transmitters.

The Plug-In Module (Indoor / Outdoor) PA-318 can communicate with up to 16 transmitters, so user has the option to add more transmitters to the system, such as more remote controls, or motion sensors etc.

All wireless signal communications within the SkylinkHome™ lighting system are based on rolling code technology to ensure highest security is used.

The following items are included in this package:

- Plug-In Module (Indoor /Outdoor)
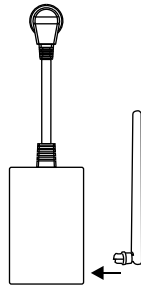- Antenna
- User's Instructions

**Plug-In Module
(Indoor / Outdoor)**

2. SETUP

Insert the antenna to the Plug-In Module (Indoor / Outdoor) as shown. Place the antenna in the upright position to have the best reception. Simply plug the Plug-In Module (Indoor / Outdoor) to an electrical outlet, then plug in a light or home appliance that you would like to operate to the socket on the Plug-In Module (Indoor / Outdoor).

Follow the programming instructions below to get started.

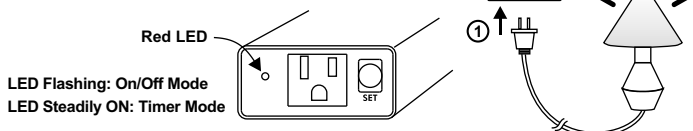## 3. PROGRAMMING TRANSMITTERS (TC SERIES) / SENSORS

In order to operate the Plug-In Module (Indoor / Outdoor) remotely with a transmitter or sensor, it must be programmed to the Plug-In Module (Indoor / Outdoor). Each module can be operated by up to 16 different transmitters (or 16 different command signals).

There are 2 operating modes with the Plug-In Module (Indoor / Outdoor):

1) On / Off Mode When a valid signal is received, it will toggle the load, i.e. turning off or on the light
2) Timer Mode When a valid signal is received, the load will be on for a specific period of time, from 1 minute, 5 minutes, 15 minutes, 30 minutes, and 60 minutes

To program a transmitter / Sensor into the Plug-In Module (Indoor / Outdoor), follow the instructions below.
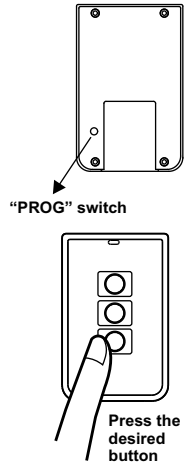
1. Plug in a load to the Plug-In Module (Indoor / Outdoor)
2. Plug in the module to an AC electrical outlet, the red LED flashes once quickly. The connected load (i.e. light) will be on automatically.
3. Press and hold the "SET" button for about 3 seconds, unit the red LED flashes once. You may now release the "SET" button.
4. The red LED will continue to flash for about 15 seconds. You can now decide the operating mode of the transmitter that you plan to program.

Red LED

LED Flashing: On/Off Mode
LED Steadily ON: Timer Mode

3. PROGRAMMING TRANSMITTERS (TC SERIES) / SENSORS (CONT)

Operating Mode	LED Indication
On / Off	Flashing
Timer	Steadily On

5. If you are programming a transmitter with On / Off operation, follow steps A) to C). Otherwise, go to step 6)
   A. Press the PROG button on the back of the TC transmitter with a sharp object.
   B. Press the button on the TC transmitter that you would like to program into the module.
   C. Once the transmitter is programmed, the red LED on the module flashes quickly then stops flashing, indicating you have successfully programmed the transmitter to the module.
   D. You may operate the light with the programmed transmitter.
6. If you are programming a transmitter with Timer operation, continue to hold the "SET" button for another 6 seconds, until the LED is on steadily, then you may now follow steps 5A) to 5C) to complete the programming sequence.

"PROG" switch

Press the desired button

Note: To program other transmitters/sensors (besides TC transmitter), please refer to the instructions of thetransmitters/sensors.

Note: You must complete the programming sequence within the 15-second interval, otherwise, the module will quit from programming mode and you need to start again from step 1 if the red LED is off.

You may follow the same instructions to program additional transmitters or sensors to operate the receiver module.

4. SET TIMER DURATION

As mentioned, the timer can be set to the following durations, 1 minute, 5 minutes, 10 minutes, 30 minutes, and 60 minutes.

There is only one timer setting, so all transmitters that are programmed in timer mode will have the same timer duration. To set the timer duration, follow the instructions below:

1. Plug in the module to an AC socket so it is powered on properly.
2. Turn off the connected load by a programmed transmitter. The load must be off in order to set the timer duration.
3. Press and hold the SET button for 3 seconds, the red LED flashes once. The number of flash indicates the timer duration:

Number of Flashes	Timer Duration
1	1 min.
2	5 min.
3	15 min.
4	30 min.
5	60 min.

4. Continue to hold the SET button until it reaches the desired setting. The status will change every 6 seconds, i.e. hold onto the SET button for another 6 seconds, you will see the number of flashes changes from 1 to 2, 2 to 3 etc.

Note: Once the number of flash reaches 5, it will stay at this setting. If you would like to go back to other settings, such as 1 flash, release the button and repeat from step 1 to start over.

Once a transmitter (button) is programmed in timer mode, activating this programmed transmitter (button) will turn on the light for the specified timer duration.

During a timer count down, if the module receives another signal for timer operation, the timer will start again and overrides the previous timer, therefore, extending the on period by another timer interval.

5. ON / OFF OPERATION

The PA-318 Plug-In Module (Indoor / Outdoor) allows on / off operation if on / off operation is selected. When the programmed button is activate, it will transmit a signal to toggle its current status. For example, if a signal is received when the light is off, that signal will turn on the light.

Note:
When used with Compact Fluorescent Light, if there is flickering when you switch off the light, it is recommended you replace a different Compact Fluorescent Light with higher quality.

6. ZONE OPERATION (AVAILABLE WITH 10-BUTTON / 14-BUTTON DELUXE TRANSMITTER ONLY)

A Zone Command allows you to operate multiple lights at the same time in the same zone. For instance, you may assign zone 1 to 3 different lighting fixtures in the family room (each light has its own receiver module). To set this up, refer to the Deluxe Transmitter user's instructions.

To activate the zone command, simply press "Zone On" or "Zone Off", then the zone number, i.e. [Zone On] + [1] means Zone 1 On.

Programming Zone Command

Enter [Zone On] + [Zone Number] during step 5B of the programming sequence (ensure on / off operating mode is selected), the Zone Command signal would be programmed. Repeat this step for all the receiver modules in the same zone.
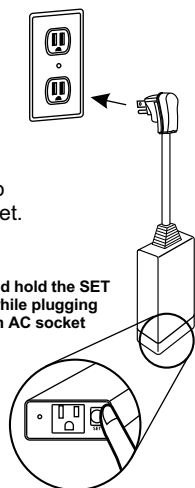
7. TIMER OPERATING MODE

If a transmitter or a sensor is programmed to the Plug-In Module (Indoor/Outdoor) under the timer mode, when that transmitter is activated, the light connected will be on for the predetermined timer interval. After the timer interval, the light will be off.

8. ERASING TRANSMITTERS FROM THE MODULE

You may erase a transmitter or sensor from the module, but you cannot erase a specific device, you must erase all the wireless devices, then program the ones you want to keep. Follow the instructions below to erase programmed transmitters / sensors.

1. Power off the Plug-In Module (Indoor / Outdoor) by removing it from the AC socket.
2. Press and hold the SET button, while holding onto the SET button, plug in the module to an AC socket.
3. The red LED will be on first, then flashes rapidly for 1 second.
4. You may release the SET button, the light attached to the module is now on, indicating you have successfully erased all the devices from the lighting receiver.
5. You may remove the module from the socket to power it off completely, or refer to the programming instructions to program the transmitters you would like to keep.

Press and hold the SET button while plugging it in to an AC socket

9. TECHNICAL SPECIFICATIONS

Input Voltage: 110V AC, 60Hz
Standby Current: 5mA
Maximum Rating: 13 Amps
Maximum Load: 1300W at 110AVC
Operating Frequency: 318MHz

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10. FCC

The Remote Control is approved by the FCC and it complies with Part 15 of the FCC Rules. Its operation is subject to the following two conditions :
1. This device may not cause harmful interference.
2. This device must accept any interference that may cause undesired operation.

WARNING:
Changes or modifications to this unit not expressly approved by the party responsible of compliance could void the user's authority to operate the equipment.

11. CUSTOMER SERVICE

If you would like to order Skylink's products or have difficulty getting them to work or download latest information and user manual, please :
1. visit our FAQ section at www.skylinkhome.com, or
2. email us at support@skylinkhome.com, or
3. call our toll free at 1-800-304-1187 from Monday to Friday, 9 am to 5 pm EST. Fax (800) 286-1320

12. ACCESSORIES

The SkylinkHome™ Lighting System consists of many other devices from multiple button transmitters, Motion Sensor, various receivers such as Wall Switch Receiver, Plug-in Receiver with Repeater, Outdoor Receiver, Dimmer Module etc. Please visit Skylink website at www.skylinkhome.com for more information.