

# Plug-In ON/OFF Control (In/Outdoor) Model PA-318

## 1. INTRODUCTION

Thank you for your purchase of a SkylinkHome™ Plug-In ON/OFF Control (In /Outdoor), Model PA-318. This receiver module allows you to wirelessly turn on and off connected lights or small appliances with the SkylinkHome™ transmitters.

The Plug-In ON/OFF Control (In /Outdoor) PA-318 can communicate with up to 8 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™ System are based on rolling code technology to ensure highest security is used.

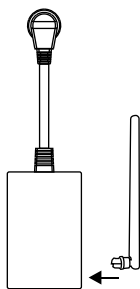
The following items are included in this package:

- Plug-In ON/OFF Control (In /Outdoor)
- Antenna
- User's Instructions



## 2. SETUP

Insert the antenna to the Plug-In ON/OFF Control (In/Outdoor) as shown. Place the antenna in the upright position to have the best reception. Simply plug the Plug-In ON/OFF Control (In/Outdoor) to an electrical outlet, then plug in a light or home appliance to the socket on the Plug-In ON/OFF Control (In/Outdoor).



The Plug-In ON/OFF Control (In/Outdoor) is designed to operate maximum load of 1500W at 120VAC.

## 3. PROGRAMMING TRANSMITTERS

In order to operate the Plug-In ON/OFF Control (In/Outdoor) remotely, transmitter or sensor must be programmed to the Plug-In ON/OFF Control (In /Outdoor). Each module can be operated by up to 8 different transmitters (or 8 different command signals).

There are 2 operating modes with the Plug-In ON/OFF Control (In/Outdoor):

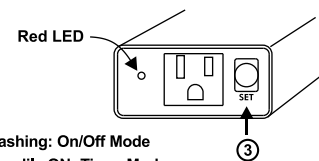
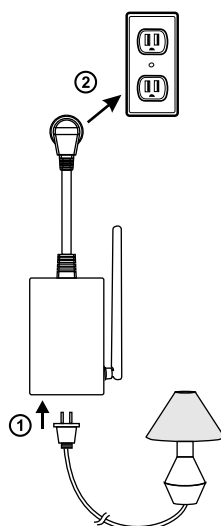
- 1) **On / Off Mode** - When a valid signal is received, it will turn on or off a load.
- 2) **Countdown Timer Mode** - When a valid signal is received, the load will be on for a specific period of time, either 1 minute, 5 minutes, 15 minutes, 30 minutes, or 60 minutes, then off. This is mainly for energy saving.

**To program a transmitter into the Plug-In ON/OFF Control (In/Outdoor), follow the instructions below:**

Before you program a transmitter to the Plug-In ON / OFF Control (In/Outdoor), decide the operating mode for this transmitter (On/Off Mode or Countdown Timer Mode).

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) should be in **off mode**.
3. Press and hold the "SET" button for about 3 seconds, the **red LED** flashes, meaning it is in On/Off Mode programming sequence. Release the "SET" button if you are programming a transmitter to operate in On/Off Mode.
4. If you are programming a transmitter to operate in Countdown Timer Mode, continue to hold the "SET" button for about 10 seconds, until the red LED is on steadily. Release the "SET" button once the LED is on steadily.
5. Transmit a "Learn" code from the transmitter. Refer to the manual of the transmitter to transmit this "Learn" code.
6. Once the transmitter is programmed, the red LED flashes quickly then stops flashing. You have successfully programmed the transmitter.

## 3. PROGRAMMING TRANSMITTERS (CONT)



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

Operating Mode	LED Indication during programming
On / Off	Flashing
Countdown Timer	Steadily On

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 3 if the red LED is off.

## 4. ON / OFF OPERATION

The PA-318 Plug-In ON/OFF Control (In/Outdoor) allows on / off operation, when the programmed transmitter is activated.

Depends on the type of transmitter, different functions can be performed such as:

- Individual On / Off, Zone On / Off, All On, All Off etc.
- Motion Activation

Refer to the user's instructions of the transmitter for detailed instructions .

Note:

When using the Plug-In ON/OFF Control (In/Outdoor) in outdoor, always connect it to a wall socket so it is hanging down. Placing the unit on ground level may cause serious damage due to water penetration.

## 5. SET TIMER DURATION

This section is for transmitters that are programmed for Countdown Timer Mode.

The timer can be set to the following duration, meaning the light will stay on for the following time: 1 minute, 5 minutes, 15 minutes, 30 minutes, or 60 minutes. Only one timer interval can be set. To set the timer duration, follow the instructions below.

1. Plug in the module to an AC outlet, the red LED flashes once, so it is powered on properly.
2. **Turn on** the connected load by a programmed transmitter. The load must be on under **ON/OFF mode** 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 flashes 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 the SET button, you will see the number of flashes changes from 1 to 2, 2 to 3, etc.

## 5. SET TIMER DURATION (CONT)

Note: Once the number of flashes 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 for 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.

To stop timer count down, press a programmed button for ON/OFF mode.

## 6. COUNTDOWN TIMER OPERATING MODE

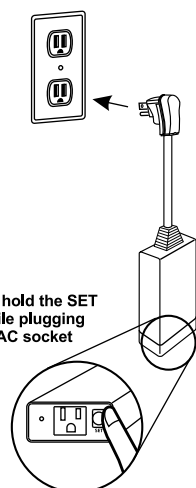
If a transmitter or a sensor is programmed to the Plug-In ON/OFF Control (In/Outdoor) under the countdown timer mode, when that transmitter is activated, the load connected will be on for the predetermined timer interval, the LED on the Plug-In ON/OFF Control will also be on. After the timer interval, the load will be turned off.

Pressing a programmed button for ON/OFF mode can override timer operation.

## 7. ERASING TRANSMITTERS

You may erase a transmitter or sensor from the module, but you cannot erase a specific device directly, 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 plugging in the module to an AC outlet.
3. The red LED will be on first, then flashes rapidly for 1 second, then on and off.
4. You may release the SET button, now you have successfully erased all the devices from the lighting receiver.
5. Now you have successfully erased all the devices.



## 8. TECHNICAL SPECIFICATIONS

Input Voltage: 120V AC, 60Hz  
Standby Current: 3mA  
Minimum Load: 10W  
Maximum Rating: 15 Amps  
Maximum Load: 1500W at 120VAC  
Operating Frequency: 318MHz  
Operational Temperature: -4° F - 140° F (-20° C - 60° C)  
Humidity: 5%-95%  
Range: Up to 500 feet in open area.

## 9. FCC

The device 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.

## 10. WARRANTY

If, within one year from date of purchase, this product should become defective (except battery), due to faulty workmanship or materials, it will be repaired or replaced, without charge. Proof of purchase and a Return Authorization are required.

## 11. CUSTOMER SERVICE

If you would like to

- find out the up-to-date specifications
- know more about features and applications
- download documents, i.e. user's instructions
- order Skylink products

or if you have difficulty getting products to work, please:

1. visit our FAQ section at [www.skylinkhome.com](http://www.skylinkhome.com), or
2. email us at [support@skylinkhome.com](mailto: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™ System consists of many other devices such as SkylinkHome™ Remotes, Motion Sensor, ON/OFF Wall Switch, Wall Dimmer, Plug-In Dimmer with or without Repeater, Plug-In ON/OFF Control (Outdoor/Indoor), Screw-In Dimmer, ON/OFF/Dimming Control, ON/OFF Control, Smart Button™ Garage Door Control, etc. Please visit Skylink website at [www.skylinkhome.com](http://www.skylinkhome.com) for more information.



### CUSTOMER SERVICE

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