

# SkylinkHome™



## **Lighting Garage Kit**

**Model: SK-4**

**User's Instructions**

# 7-Button Remote 10-Button Remote 14-Button Remote

Model TC-318-7  
Model TC-318-10  
Model TC-318-14

## 1. INTRODUCTION

Thank you for your purchase of a SkylinkHome™, Deluxe Remote, Model TC-318-7 / TC-318-10 / TC-318-14. This transmitter which is also called remote in this document allows you to wirelessly operate SkylinkHome™ receiver modules.

Use this personal remote, you can control almost everything in your home such as Lighting on / off and dimming in different location, open and close your gate or garage door, arm and disarm your security system, turn on or turn off your gas fire place, control radio and music system, operate the windows curtains, cook your coffee every early morning, open and or close the swing doors, turn on or turn off the fan or Exhaust fan for your bath room...

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:

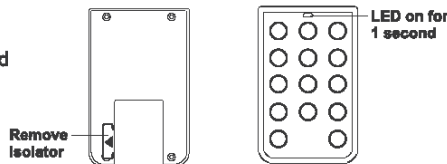
- One of TC Series Remotes
- Mounting Bracket and Accessories
- Lithium Battery CR-2032 (Installed)
- User's Instructions



## 2. POWER UP

To power the transmitter, simply remove the battery isolator from the transmitter, red LED will flash once. Press the button on the transmitter, the red LED should flash. The transmitter is now powered properly. If the red LED does not flash when button is pressed, refer to Section 9 "Battery" of this manual.

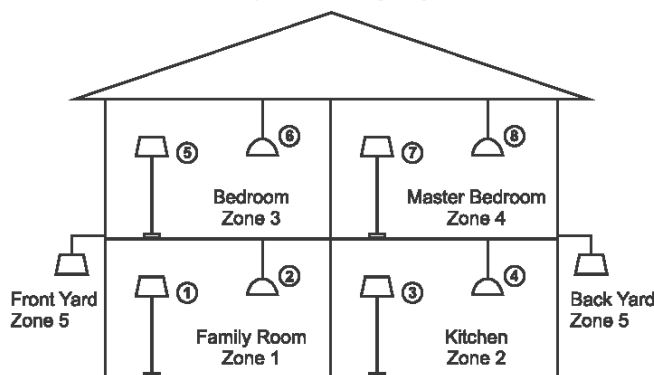
- 1) Remove isolator,
- 2) LED on for 1 second



Before you can control the lights (or small appliances, etc.) connected to the receiver modules with the transmitter, you may need to program different buttons on the transmitter to various receiver modules. It is a lot easier if you plan in advance of how to setup your system. For example, you may list out the lights and their locations with zone grouping that you plan to include in your lighting system.

The Deluxe Transmitter can transmit 3 types of command:

- 1) Individual Operation - Controls one light only, i.e. the ceiling light in the family room
- 2) Zone Operation - Controls one specific zone or area, which consists of multiple lights, i.e. all lights in the kitchen
- 3) All On / All Off - Controls all lights in the premises, i.e. all lights in the house connected with SkylinkHome™ lighting modules.



## 2. POWER UP (CONT)

You may assign the buttons to specific lights and zones.

Number Button	Light	Zone
1	Family Room Floor Light	Zone 1
2	Family Room Ceiling Light	Zone 1
3	Kitchen Floor Light	Zone 2
4	Kitchen Ceiling Light	Zone 2
5	Bedroom Floor Light	Zone 3
6	Bedroom Ceiling Light	Zone 3
7	Master Bedroom Floor Light	Zone 4
8	Master Bedroom Ceiling Light	Zone 4
9	Front Yard Light	Zone 5
10	Back Yard Light	Zone 5

You may use the following table to fill in the lights or small appliances you would like to control and their zone numbers, this will give you a clear direction during the programming process.

Number Button	Light	Zone

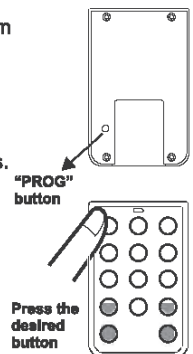
## 2. PROGRAMMING TRANSMITTERS TO RECEIVER MODULE

In order to operate the receiver module remotely with a transmitter, it must be programmed to the receiver module. Follow the instructions below.

### Programming for Individual Operation

To program a remote to the receiver module, a "Learn" code must be transmitted, follow the instructions below to transmit the "Learn" code to the receiver.

1. Put the receiver module that you plan to program into programming mode. Refer to the User's Instructions of that receiver module.
2. Use a sharp object to press the "PROG" button on the back of the transmitter. The red LED on the transmitter will be on for 15 seconds.
3. Press the button on the remote that you plan to use when the LED is steadily on to transmit the "Learn" code.
4. Once the remote is programmed, the receiver modules will quit from programming mode and the programmed transmitter is ready to be used now.



### Learn Code

Follow steps 2 and 3 above to transmit the "Learn" code when programming the remote to receiver modules.

## 2. PROGRAMMING TRANSMITTERS TO RECEIVER MODULE (CONT)

### Programming for Zone Operation

In the above example, both the Family Room Ceiling Lighting and Family Room Floor Light are in zone 1. You need to assign the zone 1 signal to both receiver modules in these 2 locations.

That means for Light 1 in the example, you need to program the following signals:

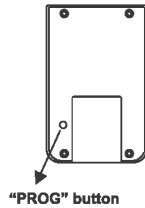
- Button 1 to Light 1 based on Programming for Individual Operation
- Zone 1 Command to Light 1 based on Programming Zone Operation

For Light 2 in the example, you need to program the following signals:

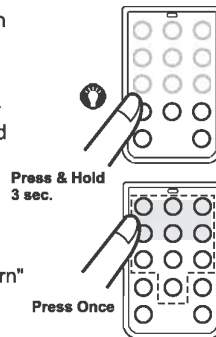
- Button 2 to Light 2 based on Programming for Individual Operation
- Zone 1 Command to Light 2 based on Programming Zone Operation

To assign a zone to a receiver module, follow the instructions below:

1. Put the receiver module that you plan to program into programming mode. Refer to the User's Instructions of that receiver module.
2. Use a sharp object to press the "PROG" button on the back of the transmitter. The red LED on the transmitter will be on for 15 seconds.
3. Press and hold the [ ] button until the red LED flashes three times and keeps on, release the held button and press the zone number button on the transmitter. i.e. "1" for zone 1. Red LED will flash then off.



4. Once the remote is programmed, the receiver modules will quit from programming mode and the programmed transmitter is ready to be used now.



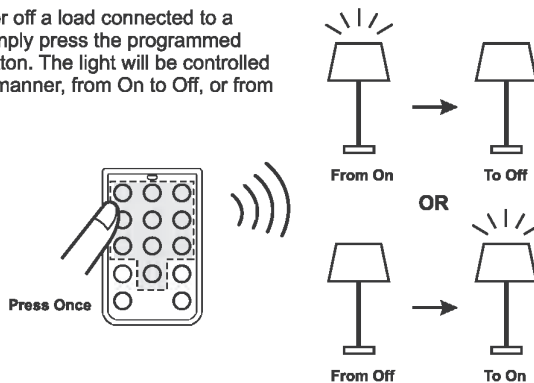
### Learn Code

Follow steps 2 and 3 above to transmit the "Learn" code when programming the remote to receiver modules.

Following the same instructions to program the zone number into various receiver modules to form a zone with multiple lights, i.e. Zone 1 signal to both Family Room Ceiling Light Module and Family Room Floor Light Module.

## 3. INDIVIDUAL OPERATION - ON / OFF (TOGGLE)

To turn on or off a load connected to a receiver, simply press the programmed numeric button. The light will be controlled in a toggle manner, from On to Off, or from Off to On.

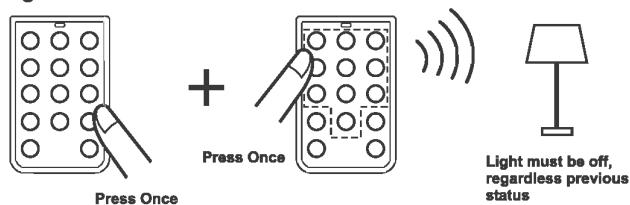


## 3. INDIVIDUAL OPERATION - ON / OFF (DESIGNATED ON/OFF)

Instead of toggle operation, you can send a designated on or off signal to a load.

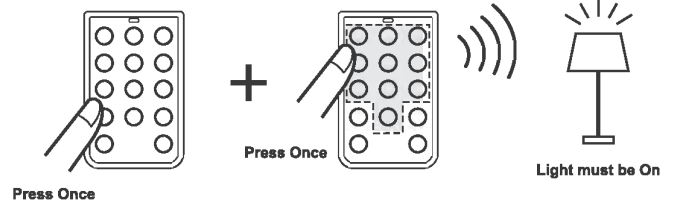
To turn on a load, press [ ] and then the programmed numeric button.  
To turn off a load, press [ ] and then the programmed numeric button

### Designated Off



## 3. INDIVIDUAL OPERATION - ON / OFF (DESIGNATED ON/OFF) (CONT)

### Designated On



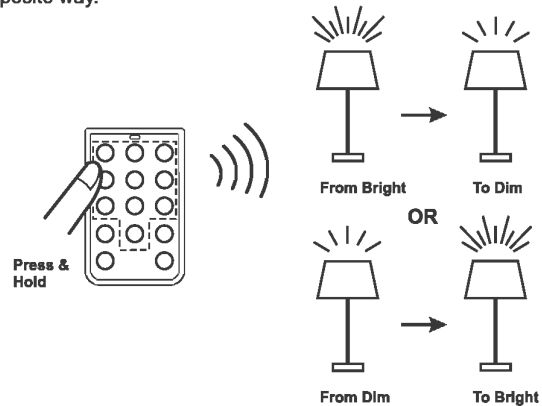
## 3. INDIVIDUAL OPERATION - DIMMING (TOGGLE)

You may also control the brightness of the light if the receiver module and the light bulb is dimmable, i.e. either incandescent light or dimmable compact fluorescent light.

To change the brightness, first turn on the light.

Press and hold the programmed numeric button, the brightness will change. Hold the button until the desired brightness is reached, then release the button.

Press and hold the same button again to change the brightness in the opposite way.



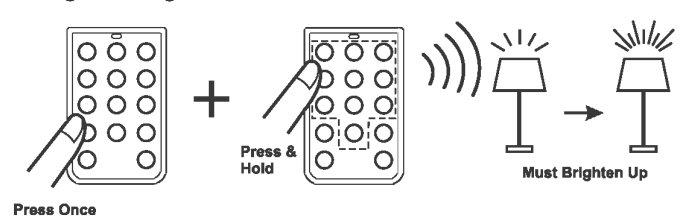
## 3. INDIVIDUAL OPERATION - DESIGNATED DIM / BRIGHTEN

You may control the light specifically to dim down or brighten up, instead of toggle dimming.

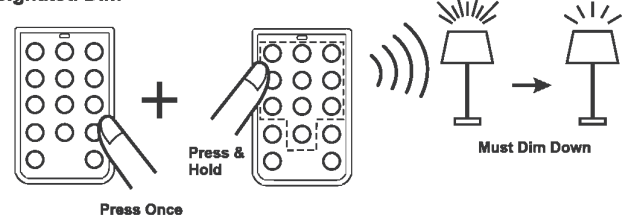
To brighten up the light, press [ ] and then hold the programmed numeric button until the desired brightness is reached.

To dim down the light, press [ ] and then hold the programmed numeric button until the desired brightness is reached.

### Designated Brighten




### Designated Dim




#### 4. ZONE OPERATION - ON / OFF

Zone command allows you to operate multiple lights or loads altogether in the same zone.

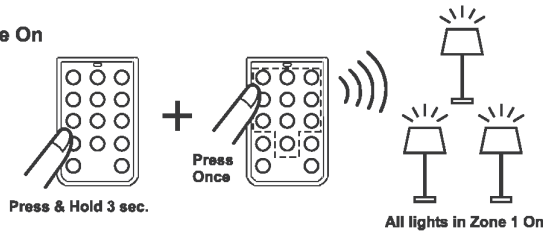
To turn on multiple lights / loads in a zone:

1. Press and hold [  ] for 3 seconds, until the red LED flashes 2 times then stay on.
2. Press the zone number button.

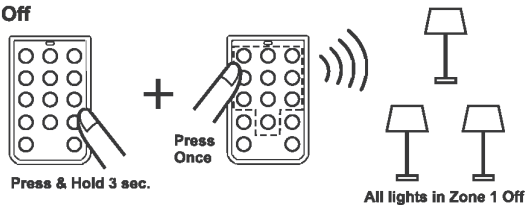
To turn off multiple lights / loads in a zone:

1. Press and hold [  ] for 3 seconds, until the red LED flashes 2 times then stay on.
2. Press the zone number button.

##### Zone On




##### Zone Off




#### 4. ZONE OPERATION - DIMMING

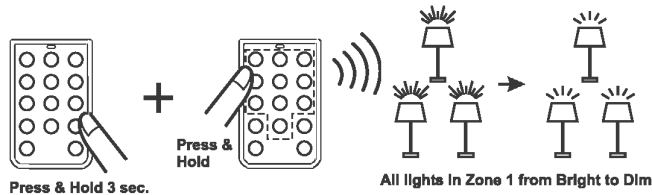
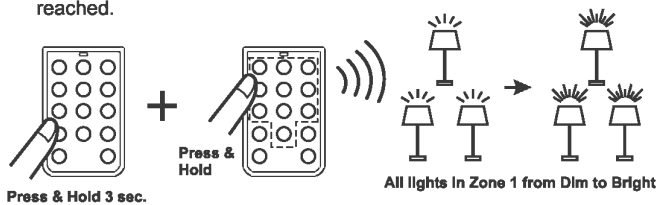
You may control the brightness of lights in a zone.

To brighten up multiple lights in a zone:

1. Press and hold [  ] for 3 seconds, until the red LED flashes 3 times then stay on.
2. Press and hold the zone number button until the desired brightness is reached.

To dim down multiple lights in a zone:

1. Press and hold [  ] for 3 seconds, until the red LED flashes 3 times then stay on.
2. Press and hold the zone number button until the desired brightness is reached.





Note: All zone operations will not activate Model GB-318 Smart Button™ Garage Door Control and Skylink® Swing Door Opener.

#### 5. ALL ON / ALL OFF OPERATION

You may turn on all the lights and appliances with one touch of a button, or turn them all off as well. All Off function is especially useful when you are leaving home or going to sleep.

#### 5. ALL ON / ALL OFF OPERATION (CONT)

Press the [  ] button to turn off all the items connected to SkylinkHome™ system.

Press the [  ] button to turn on all the items connected to SkylinkHome™ system.

Note: All On and All Off operations will not activate Model GB-318 Smart Button™ Garage Door Control and Skylink® Swing Door Opener.

#### 6. ERASING TC SERIES TRANSMITTERS

There are 2 types of receivers and erasing transmitter from these 2 types of receivers are different. Please follow the erase procedure based on the receiver you have.

##### Type A) Self Erase - Model PL-318, PR-318, PA-318, LS-318, WR-001

Self Erase means there is a erase button on the receiver, by pressing this erase button, all transmitters can be erased.

To erase transmitters from these receivers, simply follow the instructions of these receivers. The erase procedure does not involve the transmitter.

##### Type B) Erase by Remote - Model LX-318, MD-318, MR-318, WE-001

Erase by Remote means there is no erase button on the receiver, so a programmed transmitter is needed in order to erase the memory of the receiver. You need to transmit a "Erase" code from the Remote. Follow the instructions below to erase the remote from the receiver.

1. Press the PROG button on the back of the remote.
2. Press and hold a button that is already programmed to the receiver for at least 2 seconds when the LED is steadily on to transmit the "Erase" code. Do not release this button until step 4.
3. Put the receiver that you want to erase the transmitter from into programming mode. Refer to the User's Instructions of that receiver.
4. Once the receiver receives this "Erase" code, the receiver will indicate it has erased all transmitters, and you may now release the button on the remote.



##### Erase Code

Follow steps 2 and 3 above to transmit the "Erase" code when erasing the remote from Type B receivers.

#### 7. PASSWORD

There is a password function with your TC remote control. You may enable the password so that the transmitter only functions if a valid password is entered. This is useful if you would like to have added security so that only the ones who know the password can operate the receiving devices. If the password function is disabled, no password is required to operate the TC remote control.

The password function is disabled at the factory. To determine whether password function is disabled or enabled:

- Press [  ] > Red LED on > Password Disabled (Factory Default Setting)  
 Press [  ] > Red LED off > Password Enabled

The factory default password depends on the exact model that you have:

- TC-318-7: [1212]  
 TC-318-10: [2525]  
 TC-318-14: [2525]

You can assign your personal password between 2 digits to 8 digits.






Follow the instructions below to enable / disable the password function.

##### Note:

1. During password programming, if you press the wrong button, start over again after you see led flashes 3 times about 10 seconds.
2. Press button only after LED finishes flashing.
3. The interval between two presses should not be more than 3 seconds.
4. Key 10 can be used as digit "0" in the password.

## 7. PASSWORD (CONT)


### To enable the password function

1. Hold [  ] button, red LED stays on, continue to hold, then press [  ] button once, then release both [  ] and [  ] buttons. Red LED flashes twice quickly.
2. Enter password, i.e. factory default for TC-318-14 is [2525], or the current password.
3. Press [  ] button, the red LED flashes twice.


You have now enabled the password function.

Pressing any single numeric button will not transmit any signal, the red LED will blink once when a button is pressed, instead of flashing slowing (signal transmission).






### Operation with password function enabled

If the password function is enabled, before each operation, the password must first be entered, followed by the [  ] button.

Example, to turn on light 1 in Toggle On / Off mode, with password [2525]:







1. Enter [2525]
2. Press [  ], red LED stays on.
3. Press 1 to turn light 1 on.

### To disable the password function

1. Hold [  ] button, then press [  ] button once, then release both [  ] and [  ] buttons. Red LED flashes twice quickly.
2. Enter password, i.e. factory default for TC-318-14 is [2525] or the current password.
3. Press [  ] button, the red LED flashes twice.

You have now disabled the password function.

### To change the password

1. Hold [  ] button, then press [  ] button once, then release both [  ] and [  ] buttons. Red LED flashes twice quickly.
3. Enter the current password, i.e. factory default for TC-318-14 is [2525].
4. Enter the new password, then press [  ]
5. Enter the new password again, then press [  ], red LED flashes twice, you have changed the password successfully.

## 8. RESET REMOTE CONTROL

You may reset the remote control if you forget the password. After the remote is reset, the unique remote ID will also be changed. Therefore, it is required to program the remote again to all the receivers that you have programmed before. Please follow the instructions below to reset the remote.

1. Slide out the battery door;
2. Hold the "PROG" button on the back and slide back the battery door.
3. When the front LED flashes quickly, release the button.
4. The red LED will then flash 3 times slowly. This indicates the remote has been reset. The password mode is now disabled and the password has been reset to the factory default. You should now change the password and program the transmitter to all the receivers that you want to control.

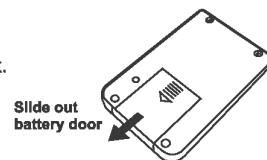
If you lost a remote, to ensure security and safety, you should erase all remotes from all receivers and reprogram all existing remotes. Please refer to the erasing method of each receiver.

## 9. BATTERY

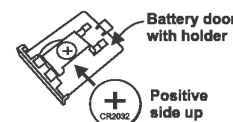
When the operating range is reduced, or when the red LED does not flash during operation, it is time to replace the battery.

The transmitter is powered by a lithium battery CR-2032. Follow the instructions below to replace the battery to the transmitter.

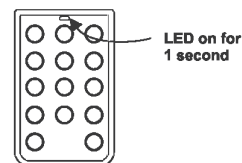
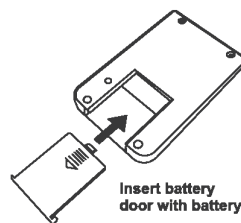
1. Slide out the battery door from the unit.



2. Remove the old battery. Insert a new CR-2032 lithium battery to the battery holder. Positive side facing up.



3. Insert the battery door to the transmitter. The red LED on the front of the unit will be on for 1 second.



Note: Dispose of old batteries promptly and properly.

## 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. 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.

## 12. 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

## 13. 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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P/N: 1012697-002  
Patent Pending  
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# Plug-In Dimmer / Repeater

Model PL-318/  
Model PR-318/  
Model PR-318S

## 1. INTRODUCTION

Thank you for your purchase of a SkylinkHome™ lighting receiver, Plug-In Dimmer PL-318 or PR-318 or PR-318S. The receiver module allows you to wirelessly turn on and off, dim and brighten connected lights with the SkylinkHome™ transmitters. PR-318, PR-318S also repeats signal as a repeater to extend the operating range.

The Plug-In Dimmer with Repeater PR-318 and PR-318S can communicate with up to 16 transmitters; the Plug-In Dimmer without repeater PL-318 can communicate with up to 8 transmitters. Users have 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 Dimmer (PL-318) or Plug-In Dimmer with Repeater (PR-318) or Plug-In Dimmer with Security Repeater (PR-318S)
- User's Instructions



Plug-In Dimmer PL318 /  
Plug-In Dimmer with Repeater PR-318 /  
Plug-In Dimmer with Security Repeater PR-318S

## 2. SETUP

Simply plug the Plug-In Dimmer to an AC electrical outlet, then plug in a light that you would like to operate to the socket on the Plug-In Dimmer. You may place the antenna in the upright position to have the best reception.

The Plug-In Dimmer is designed to operate incandescent light or dimmable compact fluorescent light with a maximum load of 300W at 120VAC. Light bulbs must be dimmable in order to achieve dimming function.

## 3. PROGRAMMING TRANSMITTERS

In order to operate the Plug-In Dimmer remotely with a transmitter or sensor, it must be programmed to the Plug-In Dimmer.

There are 3 operating modes with the Plug-In Dimmer:

- 1) Regular Mode - When a valid signal is received, it will turn on or off the light, or change the brightness of the light.
- 2) Flashing Alert Mode - When a valid signal is received, the light will flash for a specific period of time, which is the time defined in the timer duration. This works as an alert indication.
- 3) Countdown Timer Mode - When a valid signal is received, the load will be on for a specific period of time, 1 minute, 5 minutes, 15 minutes, 30 minutes, or 60 minutes. This is mainly for energy saving.

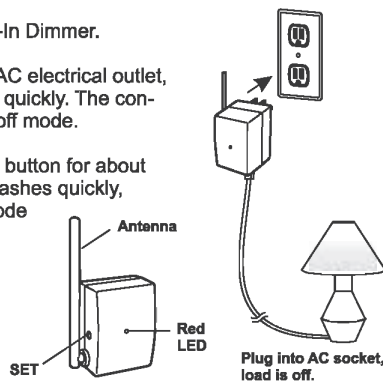
You can program multiple transmitters / sensors to the module and different transmitter / sensor can activate a different mode.

To program a transmitter into the Plug-In Dimmer, follow the instructions below:

Before you program a transmitter to the Plug-In Dimmer, decide the operating mode for this transmitter (Regular Mode, Flashing Alert Mode or Countdown Timer Mode).

1. Plug in a load to the Plug-In Dimmer.
2. Plug in the module to an AC electrical outlet, the red LED flashes once quickly. The connected light should be in off mode.

3. Press and hold the "SET" button for about 3 seconds, the red LED flashes quickly, 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.



## 3. PROGRAMMING TRANSMITTERS (CONT)

4. If you are programming a transmitter to operate in Flashing Alert Mode, continue to hold the "SET" button for about 10 seconds, until the red LED flashes slowly, then release the "SET" button.
5. 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 on, then release the "SET" button.

Operating Mode	LED Indication
Regular	Quick Flashes
Flashing Alert	Slow Flashes
Countdown Timer	Steadily On

6. Transmit a "Learn" code from the transmitter. Refer to the manual of the transmitter to transmit this "Learn" code.
7. Once the transmitter is programmed, the red LED flashes quickly then stops flashing. You have successfully programmed the transmitter.

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. SET TIMER DURATION

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

The timer for both Flashing Alert Mode and Countdown Timer Mode 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 socket so it is powered on properly.
2. Turn on the connected load by a programmed transmitter. The load must be on under regular 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 onto the SET button, you will see the number of flashes changes from 1 to 2, 2 to 3, etc.

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 or flashing 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 a timer count down, press a programmed button for regular mode.

## 5. REGULAR OPERATING MODE

Under regular mode, the Plug-In Dimmer can control the light in 2 different operating modes.

- 1) On / Off Mode - Allows operating the light either on or off, without dimming function.
- 2) Dimming Mode - Allows operating the light in on / off or dimming (dim / brighten). Light must be either incandescent light or dimmable compact fluorescent light.

## 5. REGULAR OPERATING MODE (CONT)

### WARNING

**Non-dimmable load has to be always working under ON/OFF mode. Using non-dimmable load under dimming mode may damage the non-dimmable CFL.**

The factory default operating mode is On / Off mode. However, if your light is dimmable, you may change the operating mode to Dimming Mode. To change the operating modes, please follow the instructions below.

1. Turn on the light by the programmed transmitter.
2. Press and hold a button on the transmitter that is programmed to the module in "Regular" mode for about 10 seconds.
3. The light will flash. If it flashes once, that means it is in On / Off Mode. If it flashes twice, that means it is in Dimming Mode.
4. Repeating step 2 above will toggle the setting between On / Off Mode and Dimming Mode.

### 5.1 ON / OFF Operation:

The Plug-In Dimmer allows on / off operation, when the programmed button is pressed, it will transmit a signal to toggle the status of a light. For example, if a toggle signal is received when the light is off, that signal will turn on the light.

### 5.2 Brightness control operation:

Besides turning on and off the light, you may also control the brightness of the light if the light bulb is either incandescent light or dimmable compact fluorescent light.

To change the brightness, first turn on the light.

Press and hold the programmed button on the transmitter will change its brightness. Hold the button until the desired brightness is reached, then release the button.

Press and hold the same button again on the transmitter to change the brightness again in the opposite way. When the desired brightness is reached, release the button.

Refer to the user's instructions of the transmitter for more detailed instructions for dimming operation, as well as other operations such as Zone On / Zone Off, All On / All Off etc.

Note: Press and hold for more than 10 seconds will toggle the mode between ON/OFF and Dimming.

## 6. FLASHING ALERT OPERATING MODE

If a transmitter or a sensor is programmed to the Plug-In Dimmer under the flashing alert mode, when that transmitter is activated, the light connected will flash for the predetermined timer interval and the LED will also flash. The brightness of the light can only be set under regular mode. After the timer interval, the light will be off.

Pressing a programmed button for regular mode can override the flashing alert operation.

## 7. COUNTDOWN TIMER OPERATING MODE

If a transmitter or a sensor is programmed to the Plug-In Dimmer under the countdown timer mode, when that transmitter is activated, the light connected will be on for the predetermined timer interval and the LED will also be on. The brightness of the light can only be set under regular mode. After the timer interval, the light will be off.

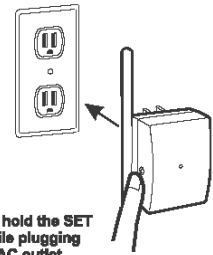
Pressing a programmed button for regular mode can override the countdown timer operation.

## 8. ERASING TRANSMITTERS FROM THE MODULE

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.

## 8. ERASING TRANSMITTERS FROM THE MODULE (CONT)

1. Power off the Plug-In Dimmer 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.
5. Now you have successfully erased all the devices.

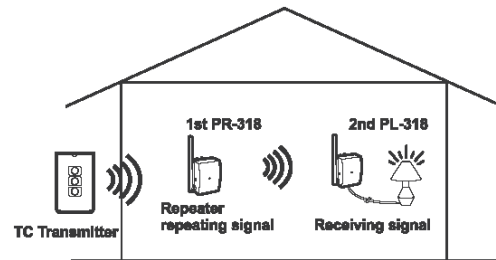


Press and hold the SET button while plugging it in to an AC outlet

## 9. REPEATER (For Model PR-318 only)

(Only applicable to PR-318)

The Plug-In Dimmer with Repeater can also repeat wireless signals from any SkylinkHome™ System transmitters to any SkylinkHome™ System receiver in range. This increases the operating range or eliminates dead spots.



As a general rule of thumb, if you are experiencing dead spots, you may place the Plug-In Dimmer with Repeater in the middle of transmitter and receiver to see if you can eliminate the dead spots. If so, you can leave the Plug-In Dimmer with Repeater there. If the dead spot still exists, you can place the Plug-In Dimmer with Repeater somewhere else until the receiver response to the transmitter.

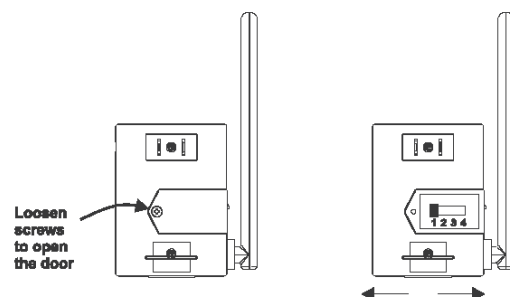
You can have multiple repeaters operating in one premise. However, unless it is necessary, it is suggested to keep the number of repeaters as few as possible to reduce the number of wireless signals.

If you do not experience dead spot, it is recommended that you switch off the repeating function. The factory default setting is off for the repeater function. You can skip this step if you do not experience dead spot.

If you have multiple repeaters, it is important to set the delay time of each repeater to be different in order to avoid signal collision. The delay time indicates how soon the signal will be repeated after it is received by repeater. There are 4 positions for the switch.

Switch Position	Results	When to use this setting:
1 (Left)	Repeat with slight delay (<0.5 sec)	For the first repeater
2	Repeat with more delay (>0.5 sec)	For the second repeater
3	No repeat	If you do not experience dead spot
4 (Right)	Not used	Not used

To change the setting, remove the screw on the back of the Plug-In Dimmer with Repeater and open the door. Place the sliding switch position at the desired setting. After selecting the switch position, secure the door with the screw.



## 10. OPERATING THE SECURITY SYSTEM (For Model PR-318S only)

(Only applicable to PR-318S)

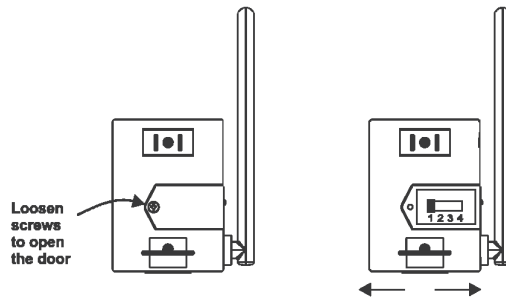
The Plug-In Dimmer with Security Repeater can convert signals from a TC-318-7, 10, 14 Transmitter to operate Skylink Security Systems. It can operate 3 functions: Arm Away, Disarm, Panic.

The TC-318-7,10, 14 Transmitter must be programmed to the Skylink Security Control Panel before operation.

**Program TC-318-7, 10, 14 to Skylink Security Control Panel (such as Model SC-001, AM-001, ML-001)**

Program the Transmitter to PR-318S

1. Follow the diagram below to remove the screw and compartment door.



2. Place the slide switch to the most left position, that is, position 1. Secure the compartment door with screw.

Note: After programming a Transmitter to operate a Control Panel, if you set the slide switch back to position 2, which allows you to program Transmitter to operate the plug-in light thru the socket on the PR-318S.

3. Plug the Plug-In Dimmer with Security Repeater into an AC electrical outlet.

4. Press and hold the SET button for about 3 seconds, the red LED flashes quickly. Release the SET button.

5. Press the learn button on the back of the Transmitter TC-318-7, 10, 14, then press the number button on the Transmitter that you would like to use to operate the Skylink Security System.

6. Once the transmitter is programmed, the red LED on the Plug-In Dimmer with Security Repeater flashes quickly then off. You have successfully programmed the transmitter to the PR-318S. Then you need to program the Transmitter to the Control Panel.

7. Refer to the instructions of the Control Panel, place it into programming mode and program the button on the Transmitter that you just programmed to the PR-318S to the Control Panel. For instance, if you programmed Button 1 to the PR-318S, now program Button 1 to the Control Panel as adding a remote control to this Control Panel.

You have now programmed this button to both PR-318S and the Control Panel. This button is now ready to operate Control Panel.

### Operating the Security System with TC-318-7, 10, 14 Transmitter

There are 3 functions that you can operate the Security System. Follow the instructions below:

To send a Panic Signal, press the programmed numbered-button only. For instance [1]. It will activate the Control Panel in panic alarm mode.

To send an Arm Away Signal, press [ ] + [Numbered Button]. For instance [ ] + [1]. It will arm the Control Panel in Away mode.

To send a Disarm Signal, press [ ] + [Numbered Button]. For instance [ ] + [1]. It will disarm the Control Panel.

You should also open the slide switch compartment door to ensure the slide switch is on position 2 or 3.

## 11. TECHNICAL SPECIFICATIONS

Input Voltage: 120V AC, 60Hz  
Standby Current: 6mA  
Minimum Load: 10W  
Maximum Load: 300W 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

## 12. 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.

## 13. 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.

## 14. 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

## 15. 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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P/N. 101Z701-002  
Patent Pending  
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# Mini Screw-In Dimmer

Model LX-318

## 1. INTRODUCTION

Thank you for your purchase of a SkylinkHome™ Mini Screw-In Dimmer Model LX-318. This Mini Screw-In Dimmer allows you to wirelessly turn on and off, dim and brighten connected lights with the SkylinkHome™ lighting transmitters.

The Mini Screw-In Dimmer LX-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:

- Mini Screw-In Dimmer
- User's Instructions



Mini Screw-In Dimmer LX-318

## 2. SETUP

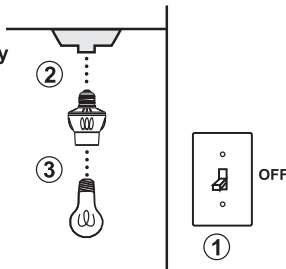
There is no wiring involved in setting up the Mini Screw-In Dimmer LX-318.

### CAUTION

1. Turn off the light switch of the empty socket where you plan to install the Mini Screw-In Dimmer.

2. Screw the Mini Screw-In Dimmer to an empty socket.

3. Screw a light bulb to the fixture end of the Mini Screw-In Dimmer.



The Mini Screw-In Dimmer is designed to operate incandescent light or dimmable compact fluorescent light with a maximum load of 60W at 120VAC. Light bulbs must be dimmable in order to achieve dimming function.

## 3. PROGRAMMING TRANSMITTERS

In order to operate the Mini Screw-In Dimmer remotely, a transmitter must be programmed to the Mini Screw-In Dimmer. Each Mini Screw-In Dimmer can be operated by up to 8 different transmitters (or 8 different command signals).

To program a transmitter into the Mini Screw-In Dimmer, follow the instructions below.

You will also need the instructions from the transmitter.

1. The Mini Screw-In Dimmer should be powered off initially. This can be done by switching off the wall switch or circuit breaker controlling the Mini Screw-In Dimmer.
2. Power on the Mini Screw-In Dimmer by switching on the wall switch or circuit breaker. You will hear a beep from the Mini Screw-In Dimmer. The beep indicates the Mini Screw-In Dimmer is now in programming mode and it will stay in this mode for 15 seconds.
3. Transmit a "Learn" code from the transmitter. Refer to the manual of the transmitter to transmit this "Learn" code.
4. Once the transmitter is programmed, the Mini Screw-In Dimmer will beep, indicating you have successfully programmed the transmitter to the Mini Screw-In Dimmer. Now the programmed transmitter is ready to be used.

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

## 4. OPERATING MODES

The Mini Screw-In Dimmer can control the light in 2 different operating modes.

- 1) On / Off Mode - Allows operating the light either on and off, without dimming function.
- 2) Dimming Mode - Allows operating the light in on, off or dimming (dim / brighten). Light must be either incandescent light or dimmable compact fluorescent light.

### WARNING

**Non-dimmable load has to be always working under ON/OFF mode. Using non-dimmable load under dimming mode may damage the non-dimmable CFL.**

The factory default operating mode is on/off mode. However, if your light is dimmable, you may change the operating mode to Dimming Mode. To change the operating modes, please follow the instructions below.

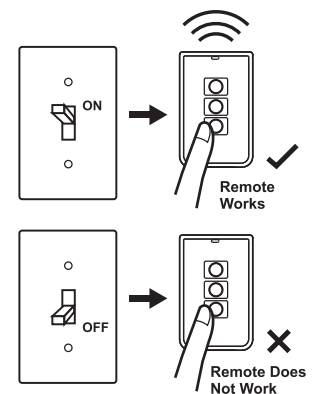
1. Turn on the light by activating the programmed transmitter.
2. Press and hold a button on the transmitter (TC series, TM series, TD series, TB series) that is programmed to the module for 10 seconds.
3. The light will flash. If it flashes once, that means it is in On / Off Mode. If the light flashes twice, that means it is in Dimming Mode.
4. Repeating step 2 above will toggle the setting between On / Off Mode and Dimming Mode.

Note: When used with an optional Motion Sensor ID-318, this Mini Screw-In Dimmer can operate under countdown timer mode.

## 5. OPERATION

Note:

If the Mini Screw-In Dimmer is installed after a wall switch, you can use the transmitter to operate the light remotely only if the wall switch is in the ON position. If the wall switch is off, no power is provided to the Mini Screw-In Dimmer and therefore, it cannot operate the light.



In case the transmitter is not on hand, you can still operate the lighting fixture with the wall switch.

This receiver offers two optional states after powered on, choose the one which fits your requirement.

### 1. Power On - Light On:

- 1) You may use the wall switch to control the light as usual. When the wall switch is off, the light is off. When the wall switch is on, the light is on.
- 2) After a power outage and the electricity comes back, the light will be on if the wall switch is in On position.

### 2. Power On - Light Off:

- 1) A special sequence is needed to turn on the light by the wall switch. To turn on the light by the wall switch: 1) Switch On, 2) Switch Off, 3) Switch On again within 2 seconds. Light will be on.
- 2) After a power outage and electricity comes back, the light will be off under most of the circumstances.

To toggle a receiver between these two states, re-program a transmitter twice consecutively to the receiver. Referring to Section 3, repeat the programming steps twice consecutively with a transmitter that is already programmed, the receiver will change state.

## 6. ERASING TRANSMITTERS FROM THE MINI SCREW-IN DIMMER

You may erase a transmitter from the Mini Screw-In Dimmer, 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.

1. Power off the lighting receiver. (Switch off the wall switch)
2. Transmit a "Erase" code from the transmitter until step 4.
3. Power up the Mini Screw-In Dimmer (Switch on the wall switch), you will hear a beep.
4. You may stop the "Erase" code signal transmission, the Mini Screw-In Dimmer will beep, indicating you have successfully erased all the devices from the Mini Screw-In Dimmer.

To erase other transmitters / sensors, please refer to the instructions of the transmitters / sensors.

## 7. TECHNICAL SPECIFICATIONS

Input Voltage: 120VAC , 60Hz  
Standby Current: 6mA  
Minimum Load: 10W  
Maximum Load: 60W 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

## 8. 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.

## 9. 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.

## 10. 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

## 11. 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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P/N. 1012871  
Patent Pending  
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# Wall Dimmer

Model WR-001

## 1. INTRODUCTION

Thank you for your purchase of a SkylinkHome™ lighting receiver, Wall Dimmer, Model WR-001. Simply replace your existing wall switch with this Wall Dimmer, you can then wirelessly turn on and off, dim and brighten lights with a SkylinkHome™ transmitter.

The Wall Dimmer WR-001 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:

- Wall Dimmer
- Wire nuts
- User's Instructions



## 2. SETUP

Setup of the Wall Dimmer is simple. Simply replace your existing wall switch by the Wall Dimmer.

### CAUTION

Installation is required and enclosed instructions must be followed carefully to all steps and notes. If you are uncertain or uncomfortable performing this installation, please consult a qualified electrician. This manual should also be retained for future reference.

1. Turn off power to the circuit that you plan on installing the Wall Dimmer at at the circuit breaker.

### WARNING

Failure to turn off power at the circuit breaker can result in electrical shock causing severe or fatal injury.

Note: Lighting Load

The Wall Dimmer is designed to operate incandescent light or dimmable compact fluorescent light with a maximum load of 600W at 120VAC. Light bulbs must be dimmable in order to achieve dimming function.

2. Follow the diagrams below to install the Wall Dimmer with the 2 wires: Live, Load. Use the provided wire nuts to connect these wires respectively to the existing wires from the wall : Load (red) to load and Live (Black) to live. Ground (Green) to Ground.

3. After all the wires are connected, ensure that all of the wire connectors are attached securely and there should be no exposed copper wiring. Secure the Wall Dimmer with the provided screws.

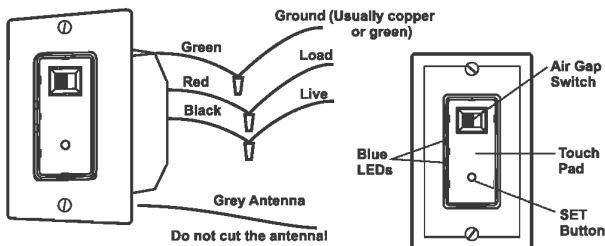
4. Place the air gap switch to off position.



5. Turn the circuit breaker back on.

6. Place the air gap switch to on position. The two blue LEDs will be on. Note: If the 2 blue LEDs remain off, please check and ensure the light bulb is installed and in good condition.

7. The light connected will be off. The Wall Dimmer is now installed and you can tap the metal touch pad to turn ON/OFF the connected light or to begin programming to learn transmitters into the Wall Dimmer.



**Note:** Antenna ( grey wire) -- Do not cut it, keep it as straight as possible. Put the antenna directly into the dry wall or through a hole of the metal box into the dry wall to get more control distance with a remote.

## 3. PROGRAMMING TRANSMITTERS SENSORS

In order to operate the Wall Dimmer remotely with a transmitter or sensor, it must be programmed to the Wall Dimmer. Each module can be operated by up to 8 different transmitters (or 8 different command signals).

There are 3 operating modes with the Wall Dimmer :

- 1) Regular Mode - When a valid signal is received, it will turn on or off the light, or change the brightness of the light.
- 2) Flashing Alert Mode - When a valid signal is received, the light will flash for a specific period of time, which is the time defined in the timer duration. This works as an alert indication.
- 3) Countdown Timer Mode - When a valid signal is received, the light will be on for a specific period of time, 1 minute, 5 minutes, 15 minutes, 30 minutes, or 60 minutes. This is mainly for energy saving.

You can program multiple buttons/transmitters / sensors to the module and different button/transmitter / sensor can activate a different mode.

To program a transmitter into the Wall Switch Dimmer, follow the instructions below:

Before you program a transmitter to the Wall Dimmer, decide the operating mode for this transmitter (Regular Mode, Flashing Alert Mode or Countdown Timer Mode).

1. Wall Dimmer must be installed and powered properly. Touch the touch pad. The connected light should be on, and the 2 blue LEDs are off.
2. Press and hold the "SET" button for about 3 seconds, the upper blue LED flashes quickly, meaning it is in Regular Mode programming sequence. Release the "SET" button if you are programming a transmitter to operate in On/Off Mode.

Note: Use a sharp non-conductive object to press the SET button. Changing the state of the load by the Touch Pad while pressing the SET button will interfere the learning process.

3. If you are programming a transmitter to operate in Flashing Alert Mode, continue to hold the "SET" button for about 10 seconds, until the upper blue LED flashes slowly, then release the "SET" button.
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 upper blue LED is on steadily on, then release the "SET" button.

Operating Mode	Upper LED Indication
Regular	Flashes quickly
Flashing Alert	Flashes slowly
Countdown Timer	Steadily On

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 both blue LEDs flash quickly then stops flashing. You have successfully programmed the transmitter.

Note: You must complete the programming sequence within the 15-second interval, otherwise, the Wall Dimmer will quit from programming mode and you need to start again from step 1.

## 4. SET TIMER DURATION

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

The timer for both Flashing Alert Mode and Countdown Timer Mode 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. Wall Dimmer must be installed and powered properly. The connected light should be off, and the 2 blue LEDs are on. The light must be off in order to set the timer duration.
2. Press and hold the SET button for 3 seconds, the lower blue LED flashes once. The number of flashes indicates the timer duration:

#### 4. SET TIMER DURATION (CONT)

Note: Use a sharp non-conductive object to press the SET button. Changing the state of the load by the Touch Pad while pressing the SET button will interfere the learning process.

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

- 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 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 flashes reaches 5, it will stay at this setting. If you would like to go back to other settings, such as 1 minute, release the button and repeat from step 1 to start over.

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

During a timer count down, if the Wall Dimmer 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 regular mode.

#### 5. REGULAR OPERATING MODE

The Wall Dimmer can control the light in 2 different operating modes:

- On / Off Mode - Allows operating the light either on or off, without dimming function.
- Dimming Mode - Allows operating the light in on, off or dimming (dim / brighter). Light source must be either incandescent light or dimmable compact fluorescent light.

#### WARNING

**Non-dimmable load has to be always working under ON/OFF mode. Using non-dimmable load under dimming mode may damage the non-dimmable CFL.**

The factory default operating mode is On/Off mode. However, if your light is dimmable, you may change the operating mode to Dimming Mode. To change the operating modes, please follow the instructions below:

- Turn on the light by the programmed transmitter or touch pad.
- Press and hold the button on the transmitter that is programmed to the Wall Dimmer in "Regular" mode for 10 seconds or touch the touch pad for 10 seconds with your finger.
- The light will flash. If it flashes once, that means it is in On / Off Mode. If it flashes twice, that means it is in Dimming Mode.
- Repeating step 2 above will toggle the setting between On / Off Mode and Dimming Mode.

#### 5.1 ON / OFF operation:

##### Use the Wall Dimmer

To turn on / off the light, simply tap the touch pad of the wall dimmer once with your finger, it will toggle the status of the light, i.e. from on to off or from off to on.

##### Use a Transmitter

Wall Dimmer allows on / off operation, when the programmed button is pressed, it will transmit a signal to toggle the status of the load. For example, if a toggle signal is received when the light is off, that signal will turn on the light.

#### 5. REGULAR OPERATING MODE (CONT)

#### 5.2 Brightness control operation:

Besides turning on and off the light, you may also control the brightness of the light if the light bulb is either incandescent light or dimmable compact fluorescent light.

##### Use the Wall Switch

Turn on the light first. Then keep touching the touch pad to change the brightness. Remove your finger from the touch pad until the desired brightness is reached. To change the brightness in the opposite way, remove your finger from the touch pad and then keep touching again, remove the finger from the touch pad until the desired brightness is reached.

##### Use a Transmitter

First turn on the light. Then press and hold the programmed button on the transmitter to change the brightness. Hold the button until the desired brightness is reached, then release the button.

Press and hold the same button again on the transmitter to change the brightness again in the opposite way. When the desired brightness is reached, release the button.

Refer to the user's instructions of the transmitter for more detailed instructions for dimming operation, as well as other operations such as Zone On / Zone Off, Zone Dimming, All On / All Off etc.

Note: Press and hold for more than 10 seconds will toggle the mode between ON/OFF and Dimming.

Note: If the 2 blue LEDs are off when the loading is off, please check and ensure the light bulb is installed and in good condition.

#### 6. FLASHING ALERT OPERATING MODE

If a Flashing Alert Mode transmitter or sensor is activated, the light connected to the Wall Dimmer will flash for a predetermined time interval. During the flashing interval, the upper blue LED on the Wall Dimmer will flash, the lower blue LED will start to flash during the last minute of the countdown timer. Activating a programmed transmitter or sensor under Regular Mode or Countdown Timer Mode during flashing interval can override flashing alert operation.

#### 7. COUNTDOWN TIMER OPERATING MODE

If a Countdown Timer Mode transmitter or sensor is activated, the light connected to the Wall Dimmer will be on for the predetermined time interval. During the timer count down, the upper blue LED on the Wall Dimmer will be on steadily, the lower blue LED will start to flash during the last minute of the countdown timer. Activating a programmed transmitter or sensor under Regular Mode or Flashing Alert Mode during timer interval can override the countdown timer operation.

#### 8. ERASING TRANSMITTERS FROM THE MODULE

You may erase a transmitter or sensor from the wall dimmer, 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.

- Power off the Wall Dimmer by placing the air gap switch to off position.
- Press and hold the SET button, while holding the SET button, slide the air gap switch to on position.

Note: Use a sharp non-conductive object to press the SET button. Changing the state of the load by the Touch Pad while pressing the SET button will interfere the learning process.

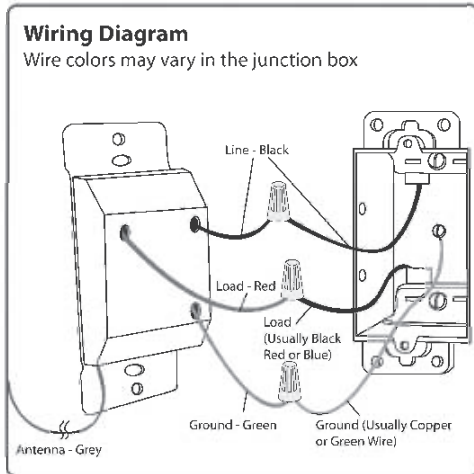
- The blue LEDs will be on first, then turn off.

- You may release the SET button, now you have successfully erased all the devices.

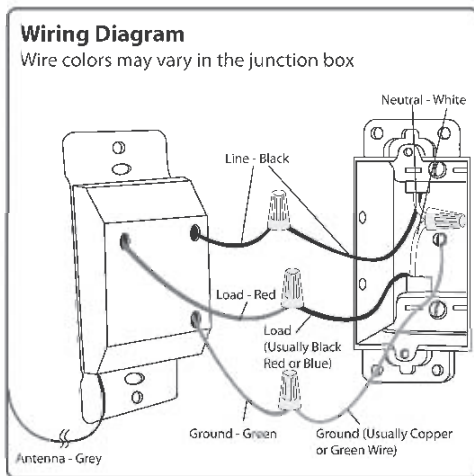
#### 9. TECHNICAL SPECIFICATIONS

Input Voltage: 120V AC, 60Hz  
Standby Current: 0.2mA  
Minimum Load: 10W  
Maximum Load: 300W 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

## 10. Wiring Diagram



Wiring Diagram w/o Neutral Wire



Wiring Diagram with Neutral Wire

## 11. 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.

## 12. 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.

## 13. 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

## 14. 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

17 Sheard Avenue, Brampton, Ontario, Canada L6Y 1J3

Email: [support@skylinkhome.com](mailto:support@skylinkhome.com)

<http://www.skylinkhome.com>

P/N. 101Z713-003

Patent Pending

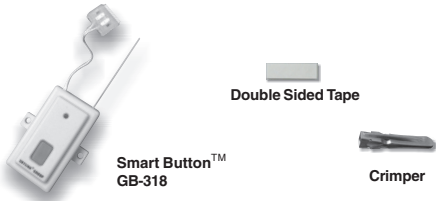
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# Smart Button™ Garage Door Control

Model GB-318

## 1. INTRODUCTION

Congratulations on your purchase of the Skylink® Smart Button™. The Smart Button™ is designed to work with Skylink® remote control G6M, G6K, G6V, G6T3, SkylinkHome™ system remote, and more to operate the Garage Door Opener. In this kit, you will find the following:

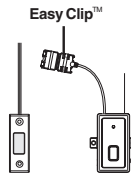


## 2. INSTALLATION



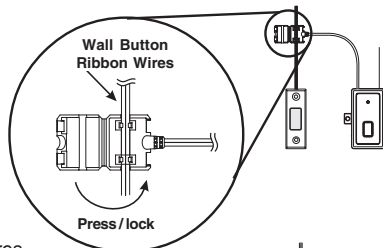
**WARNING** Unplug the power cord of your garage door opener before installation to ensure power is not connected.

1. Open up the "Easy Clip™" and place it underneath the existing 2 wires of the wall button / wall console.
2. Ensure a pair of the wall button ribbon wires are placed properly inside the channels of the "Easy Clip™".



**NOTE:**

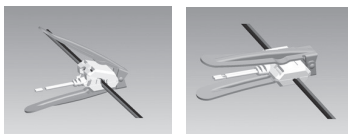
Ensure the ribbon wires are not twisted but laid flat inside the clip.



If your wall button ribbon wires are not the same kind as shown in the diagram, please refer below (4) or visit our website [www.skylinkhome.com](http://www.skylinkhome.com) for more information.

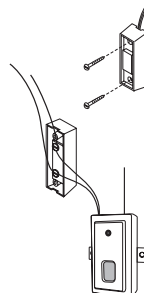


3. Press and lock the clip by snapping it together. The included Crimper helps you lock the "Easy Clip™". Close the cover and press down to lock the cover using this Crimper until you hear a "click".



4. If the "Easy Clip™" cannot clip with the wires from your wall button, cut off the "Easy Clip™" then connect two wires from the Smart Button™ to the wall button.

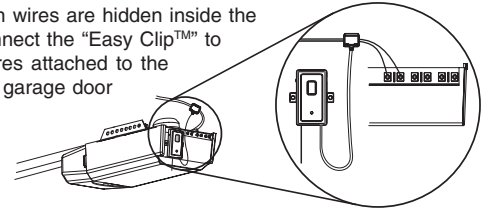
- a) Dismount the existing wall button from the wall.
- b) Connect the 2 wires from the Smart Button™ GB-318 to your existing wall button. Polarity does not matter, so simply pick one wire from the Smart Button™ and connect it to one of the screw terminals on your wall button. Connect the 2nd wire to the other screw terminal.



- c) Mount the wall button back.

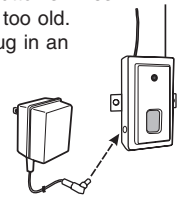
## 2. INSTALLATION (CONT)

5. If the wall button wires are hidden inside the wall, please connect the "Easy Clip™" to the exposed wires attached to the terminals of the garage door opener.



6. Power up the garage door opener, the red LED on the Smart Button™ GB-318 should keep flashing slowly within 2 minutes.

If the Smart Button™ GB-318's red LED does not flash after the Smart Button™ GB-318 has been connected to the wall button's wires for 2 minutes, your garage door opener is probably too old. However, the Smart Button™ will still work if you plug in an adapter (purchased separately). Please contact Skylink® to purchase the adapter.



**Rating of the transformer:**

12V DC, 100mA

Diameter of DC plug : 3.5mm

7. Secure the SmartButton™ GB-318 properly with the mounting accessories.

*Note: Do not cut the antenna! Straighten up the antenna to improve signal reception.*

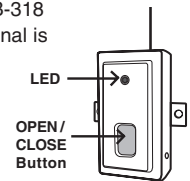
Note:

After installation of the "Easy Clip™", if you want to re-install the Smart Button™ GB-318 to another place, please open the "Easy Clip™" by gently unlocking the two buckles with a screw driver, and remove it from the wires. Do not re-use the "Easy Clip™", refer to Step 4 to re-install it.

## 3. OPERATION

If the red LED flashes slowly, the Smart Button™ GB-318 is in standby mode. When a valid remote control signal is received, it will open / close the garage door.

Press the programmed button on the remote control or Smart Button™ GB-318, it will open / close the garage door.

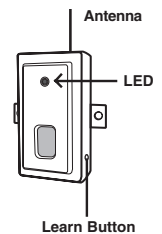


### Programming

#### Learn additional remote controls

Smart Button™ GB-318 can learn up to 10 remote controls. To learn additional remote controls, follow the instructions below:

1. Press the learn button on the side of the GB-318.
2. Once the learn button is pressed, the LED will flash quickly. Release the learn button.
3. Within 30 seconds, press the button on the remote control you would like to program.
4. Once the remote control is programmed, the LED will flash slowly, in the same way as it flashes in standby mode.
5. You may now operate the garage door opener with this remote control.



#### Erase remote controls

To erase unwanted remote control(s) from the memory of Smart Button™ GB-318, first erase all remote controls, then learn the one(s) you would like to keep.

To erase remote control(s), follow the steps below:

1. Press and hold the learn button for approximate 10 seconds.
2. The LED will flash rapidly after 10 seconds to indicate all the programmed remote controls have been erased. Release the learn button.
3. You have erased all the remote controls programmed to the Smart Button™ GB-318.

#### 4. ADDITIONAL TRANSMITTER

You can add up to 10 additional transmitters to control the Smart Button™ GB-318. Skylink® offers different lighting control / automation transmitters, Visor Transmitters, Keychain Transmitters and Keypad Transmitters to work with your receiver. For more information, please visit our website at [www.skylinkhome.com](http://www.skylinkhome.com) or contact us.



#### 5. WARNING

DO NOT let children use the garage door transmitter without adult supervision. Otherwise, Children and others may be injured by the garage door.

#### 6. FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

**WARNING:**

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

**NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### 7. 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.

#### 8. CUSTOMER SERVICE

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  2. email us at [support@skylinkhome.com](mailto:support@skylinkhome.com), or
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- Fax (800) 286-1320

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