1-Button Transmitter
2-Button Transmitter
3-Button Transmitter

Model TC-318-1
**Model TC-318-2**
Model TC-318-3

1. INTRODUCTION

Thank you for your purchase of a SkylinkHome™ Lighting Automation, Transmitter, Model TC-318-1 / TC-318-2 / TC-318-3. This transmitter allows you to wirelessly operate different lighting fixtures with the SkylinkHome™ lighting receiver modules.

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:

- TC Series Transmitter
- Mounting Bracket and Accessories
- Lithium Battery CR-2032
- User's Instructions

| 1-Button Transmitter | 2-Button Transmitter | 3-Button Transmitter | Mounting Bracket | Accessories |
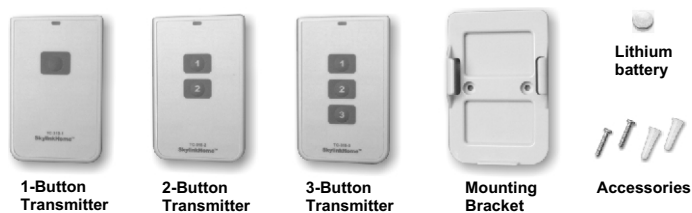
The 1-Button Transmitter can control one light, with 1 receiver module.
The 2-Button Transmitter can control two lights, with 2 receiver modules.
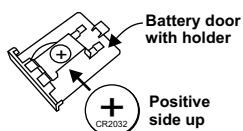The 3-Button Transmitter can control three lights, with 3 receiver modules.

Installing Battery

The transmitter is powered by a lithium battery CR-2032. Follow the instructions below to install the battery to the transmitter.
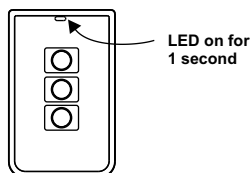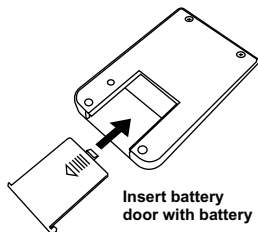
1. Slide out the battery door from the unit.

Slide out battery door

2. Insert the CR-2032 lithium battery to the battery holder. Positive side facing up.
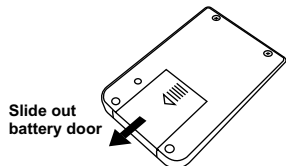
Battery door with holder

Positive side up
CR2032

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

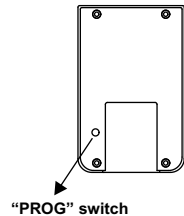**Insert battery door with battery**

LED on for 1 second

Before you can control the lights with the transmitter, you need to program different buttons on the transmitter to various receiver modules. Follow the instructions below to program the transmitter to different receiver modules.

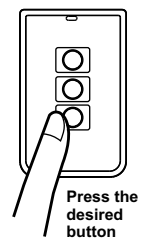## 2. PROGRAMMING TRANSMITTERS TO RECEIVER MODULE

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

To program a transmitter into the 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. Once the receiver module is in programming mode, use a sharp object to press the "PROG" switch on the back of the transmitter. The red LED on the transmitter will be on.

3. Press the number button on the transmitter that you plan to operate this receiver module with. Red LED will flash then off.

4. Once the transmitter is programmed, the receiver module will quit from programming mode.

5. You may operate the light with the programmed transmitter.

You may follow the same instructions to program different buttons on the transmitter to different receiver module.

"PROG" switch

Press the desired button

3. ON / OFF OPERATION

Pressing the programmed button on the transmitter once will toggle the light that is connected to the receiver module, i.e. if the light is off, pressing the button turns on the light, vice versa.

When the programmed button is pressed, the red LED flashes briefly indicating signal is transmitting.

4. BRIGHTNESS CONTROL OPERATION

Besides turning on and off the light, you may also control the brightness of the light if the receiver module and the light bulb is dimmable, i.e. either incandescent light and designated dimming 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 onto 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 (i.e. Dim to brighten or brighten to dim), until the desired brightness is reached, then release the button.

5. ERASING TC SERIES TRANSMITTERS

Erasing TC series transmitters from the Dimmable Receiver Module model MD-318 or On / Off Receiver Module model MR-318

You may erase a transmitter from the receiver 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.

1. Power off the lighting receiver module.
2. Use a sharp object to press the PROG button on the back of the transmitter.
3. Press and hold the programmed number button on the transmitter for at least 2 seconds. Do not release this button until step 5.
4. Power up the lighting receiver module, you will hear beeping and the light will be on.
5. You may release the button on the transmitter.
6. When the button is release, the light connected to the receiver module will be off, indicating you have successfully erased all the devices from the lighting receiver.

5. ERASING TC SERIES TRANSMITTERS (CONT)

Erasing TC series transmitters from other receivers

If you would like to erase TC series transmitter from other receiver modules, such as WR-318, WE-318, PA-318, PR-318, LS-318 etc., Please refer to the user's instructions of that receiver module.

6. BATTERY

When the operating range is reduced, or when the red LED does not flash during operation, it is time to replace the battery. Follow the same procedure as installing the battery in section 1 of this manual to replace the battery.

Note: Dispose of old batteries promptly and properly.

7. 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.

8. 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

9. 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.

7-Button Deluxe Transmitter
10-Button Deluxe Transmitter
14-Button Deluxe Transmitter

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

Thank you for your purchase of a SkylinkHome™ Lighting Automation, Deluxe Transmitter, Model TC-318-7 / TC-318-10 / TC-318-10 / TC-318-14. This transmitter allows you to wirelessly operate different lighting fixtures with the SkylinkHome™ lighting receiver modules.

The transmitter TC-318-7 can communicate with a minimum number of 3 receiver modules, and 3 lighting zones.

The transmitter TC-318-10 can communicate with a minimum number of 6 receiver modules, and 6 lighting zones.

The transmitter TC-318-14 can communicate with a minimum number of 10 receiver modules, and 10 lighting zones.

All wireless signal communications within the SkylinkHome™ lighting system are based on rolling code technology to ensure highest security is used.
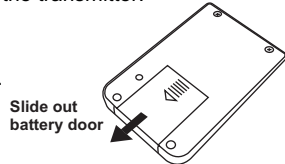
The following items are included in this package:

- TC Series Transmitter
- Mounting Bracket and Accessories
- Lithium Battery CR-2032
- User's Instructions

7-Button Deluxe Transmitter **10-Button Deluxe Transmitter** **14-Button Deluxe Transmitter** **Mounting Bracket** **Accessories**
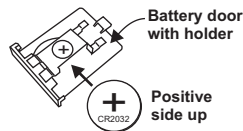
Lithium battery

Installing Battery

The transmitter is powered by a lithium battery CR-2032. Follow the instructions below to install the battery to the transmitter.
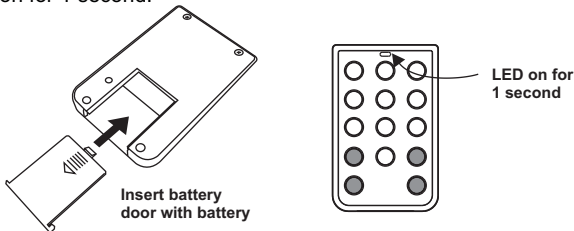
1. Slide out the battery door from the unit.

Slide out battery door

2. Insert the CR-2032 lithium battery to the battery holder. Positive side facing up.

Battery door with holder

Positive side up

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

Insert battery door with battery

LED on for 1 second

Before you can control the lights with the transmitter, you 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 lighting system, 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 - Operates one light only, i.e. the ceiling light in the family room

2) Zone Operation - Operates one specific zone or area, which consists of multiple lights, i.e. all lights in the kitchen

3) All On / All Off - Operates all lights in the premises, i.e. all lights in the house with SkylinkHome™ lighting modules.

Example :

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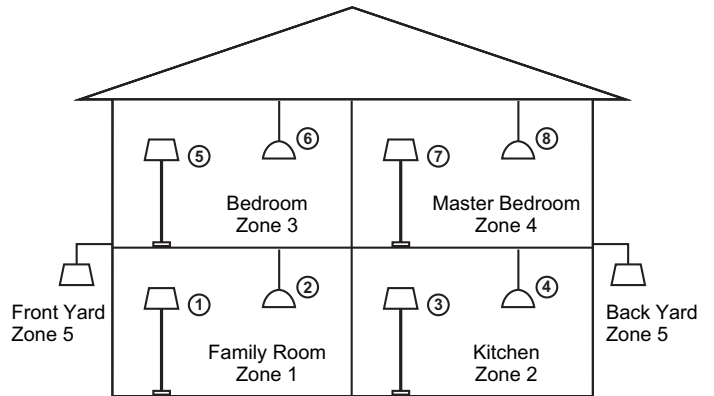
You may use the following table to fill in the lights you would like to control and their zone numbers, this will give you a clear direction during the programming process.
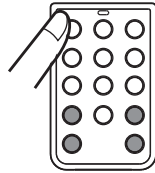
Number Button	Light	Zone

Programming - Individual Operation

In order to operate the receiver module remotely with a transmitter, it must be programmed to the 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. Once the receiver module is in programming mode, you may transmit the programming signal from the transmitter by pressing the "PROG" switch on the back of the transmitter with a sharp object. The red LED on the transmitter will be on.

"PROG" switch

3. Press the number button on the transmitter that you plan to operate this receiver module with. Red LED will flash then off.

4. Once the transmitter is programmed, the receiver module will quit from programming mode.

5. You may operate the light with the programmed transmitter.

You may follow the same instructions to program different buttons on the transmitter to different receiver module.

Programming - Zone Operation

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

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.

2. Once the receiver module is in programming mode, you may transmit the zone programming signal from the transmitter by pressing the "PROG" switch on the back of the transmitter with a sharp object. The red LED on the transmitter will be on.

"PROG" switch

3. Press the [Zone On] button, then the zone number button on the transmitter. i.e. "1" for zone 1. Red LED will flash then off.

4. Once the zone number is programmed, the receiver module will quit from programming mode.

ZONE ON

5. You may try by pressing [Zone On]+[Number Button], the light(s) in the zone will be on.
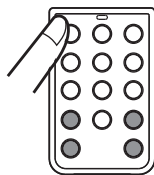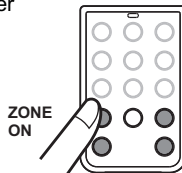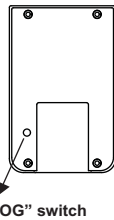
Following the same instructions to program the zone signal into various receiver modules to form a zone with multiple lights, i.e. Zone 1 signal to both Family Room Ceiling Light Module and Family Room Floor Light Module.

3. ON / OFF OPERATION

Pressing the programmed button on the remote once will toggle the light that is connected to the receiver module, i.e. if the light is off, pressing the button turns on the light, vice versa.

When the number button is pressed, the red LED flashes briefly indicating signal is transmitting.

4. BRIGHTNESS CONTROL OPERATION

Besides turning on and off the light, you may also control the brightness of the light if the receiver module and the light bulb is dimmable, i.e. either incandescent light and designated dimming 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 onto 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 (i.e. Dim to brighten or brighten to dim), until the desired brightness is reached, then release the button.

5. ZONE OPERATION

Zone Operation On / Off

A Zone Command allows you to operate multiple lights at the same time in the same zone. You may turn On or Off a zone.

To activate the zone command, simply press "Zone On" or "Zone Off", then the zone number.

Pressing [Zone On] then [1] will turn on all lights in zone 1.

Pressing [Zone Off] then [3] will turn off all lights in zone 3.

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.

Zone Operation Brightness Control

You can also change the brightness of all the lights in that zone, if the receiver modules and lights connected are dimmable.

[Zone On] represents increase in brightness level, i.e. Brightening
[Zone Off] represents decrease in brightness level, i.e. Dimming

Press [Zone On] then hold [1] will brighten all lights in zone 1, release the button at the desired brightness level or it will stop until they are at the maximum brightness.

Press [Zone Off] then hold [1] will dim all lights in zone 1, release the button at the desired brightness level or it will stop until they are at the minimum brightness.

6. ALL ON / ALL OFF OPERATION

You may turn on all the lights with one touch of a button, or turn them all off as well. All Off function is especially useful when you are leaving the house and do not want to leave any lights on.

Press the "All Off" button to turn off all the lights in the SkylinkHome™ lighting system.

Press the "All On" button to turn on all the lights in the SkylinkHome™ lighting system.

5. ERASING TC SERIES TRANSMITTERS

Erasing TC series transmitters from the Dimmable Receiver Module model MD-318 or On / Off Receiver Module model MR-318

You may erase a transmitter from the receiver 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.

1. Power off the lighting receiver module.
2. Use a sharp object to press the PROG button on the back of the transmitter.
3. Press and hold the programmed number button on the transmitter for at least 2 seconds. Do not release this button until step 5.
4. Power up the lighting receiver module, you will hear beeping and the light will be on.
5. You may release the button on the transmitter.
6. When the button is release, the light connected to the receiver module should be off, indicating you have successfully erased all the devices from the lighting receiver.

Erasing TC series transmitters from other receivers

If you would like to erase TC series transmitter from other receiver modules, such as WR-001, WE-001, PA-318, PR-318 etc., Please refer to the user's instructions of that receiver module.

8. BATTERY

When the operating range is reduced, or when the red LED does not flash during operation, it is time to replace the battery. Follow the same procedure as installing the battery in section 1 of this manual to replace the battery.

Note: Dispose of old batteries promptly and properly.

9. 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.

10. 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

11. 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.

FC

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