SkylinkHome™

LCD Deluxe Remote

Model: TD-318   **User's Instructions**

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INTRODUCTION

SkylinkHome™ LCD Deluxe Remote allows you to wirelessly operate SkylinkHome™ wireless receiver controls. This LCD Deluxe Remote provides features such as:

- Zone Operation
- Scene Operation
- Timer Operation

You can control various home appliances or lights with this remote control and different receiver units. Features include lighting ON/OFF and dimming, gate or garage door control, arm and disarm your security system, controlling a fan etc.

The following items are included in this package:

- One LCD Deluxe Remote
- Two AAA batteries
- User's Instructions

LCD Deluxe Remote Layout

LCD Layout

Keypad Layout
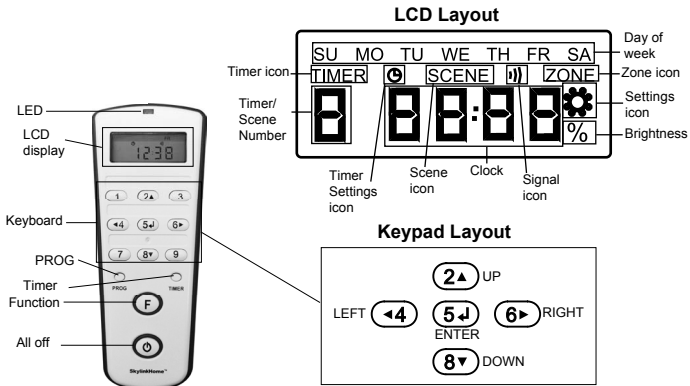
INSERTING THE BATTERIES

Insert 2 AAA batteries to the remote (with the correct polarity as shown), its LCD display will turn on and red LED will flash once. Press any numeric button on the remote, the red LED should flash. The remote is now powered properly. If the LCD display does not turn on or red LED does not flash when button is pressed, refer to Section "Battery" of this manual for details.
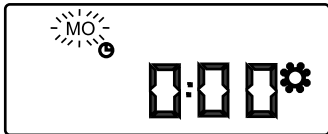
Follow the rest of the steps to setup the LCD Deluxe Remote so it can work with the receivers that you have.
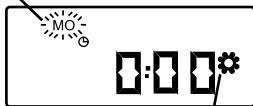
SET THE CLOCK

During the standby mode, the LCD display will show the day of the week and the time.
The time is in 24 hours format.

The time is 12:38 PM, Friday

To set the clock:
1. Press the [PROG] button twice, until you see the "Settings" icon and the day of the week flashing.
2. Use the Up [▲], Down [▼] buttons to select the day of the week.
3. Use the Left [◄] or Right [►] button to select the hour and minute and use Up [▲], Down [▼] buttons to set the time.

Flashing Week Day

Settings icon

4. You can cycle between day of the week, hour and minute with the Left [◄] and Right [►] button.
5. Press [↵] to confirm the settings.

PROGRAMMING THE LCD DELUXE REMOTE TO RECEIVER MODULE

In order to operate the receiver modules with this LCD Deluxe Remote, the remote must be programmed to the receiver modules. The LCD Deluxe Remote can transmit 4 types of commands:

1) Individual Operation – Control 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) Scene Operation – Allows you to set a specific atmosphere, where each light has a preset brightness and the scene may consist of multiple lights (i.e. morning scene, evening scene, movie scene, etc.).
4) Timer Operation – Allows you to set a timer to turn on or off specific lights, zones, or scenes

You may assign the buttons to specific lights and zones.

Number Button	Lights	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 related zones. This will give you a clear direction during the programming process.

Number Button	Lights	Zone

PROGRAMMING FOR INDIVIDUAL OPERATION

Individual operation allows you to use one of the buttons from 1 to 9 to control one specific light or appliance. To program a remote to the receiver module, a "Learn" code must be transmitted. Follow the instructions below to transmit a "Learn" code to the receiver module.

1. Put the receiver module that you plan to program into programming mode. Refer to the User's Instructions of that receiver module.

2. During the standby mode, the LCD display will show the current time. Press the [PROG] button once to enter the Individual Programmingmode. The Signal icon [⑴] and red LED stays on for 15 seconds.

Signal icon

FR

12:38

3. Once the receiver module is in programming mode, press the button [1 – 9] on the remote that you plan to use to transmit the "Learn" code. Red LED will flash and then off. The signal icon will disappear indicating the "Learn" code is sent.
4. Once the remote is programmed, the receiver module will quit from programming mode and the programmed remote is ready to be used now.

PROGRAMMING FOR ZONE OPERATION

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

That means for Light 1 receiver 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. When in standby mode, the LCD display will show the current time. Press the [PROG] button 3 times to enter the Zone Programming mode. The Signal icon [⑴)] and ZONE icon and red LED stay on for 15 seconds.

Signal icon
Zone icon
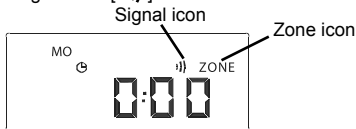
3. Press the zone number button, i.e. [1] for zone 1. Red LED light will flash then go off. The signal icon will disappear indicating the "Learn" code has been sent.

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

Follow the same instructions above to program the zone number into various receiver modules to form a zone with multiple lights (i.e. Zone 1 signal programmed to both Family Room Ceiling Light receiver module and Family Room Floor Light receiver module).

Zone Operation:

To turn on a zone:
1. Press the Function button "Ⓕ" until you see "on zone".
2. Press [1 – 9] to select the desired zone. (i.e. Enter [1] for Zone 1 and all the lights in Zone 1 will be on.)

To turn off a zone:
1. Press the Function button "Ⓕ" until you see "off zone".
2. Press [1 – 9] to turn off the zone. i.e. Enter [1] to turn off all the lights in Zone.

PROGRAMMING FOR SCENE OPERATION

Scene can provide specific brightness of multiple lights with a press of a button. This can create specific atmosphere. The remote provides 9 different scene settings, brightness of light control from 0% [off] to 100% [brightest], (i.e. common scenes are morning scene, evening scene, movie scene and etc.)

To setup a scene:
1. Press the [PROG] button 4 times to enter the Scene Programming mode.
2. Press [1 – 9] to select the scene number you would like to program.
3. Use the Up [▲] and Down [▼] button to increase or decrease the brightness from 0% to 100%. For instant, select 60% brightness for your setting. Once you selected the setting, Press [↵] to confirm.

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4. The red LED light will be on. The Scene icon, Signal icon and Settings icon will stay on for 15 seconds, allowing you to program this scene to the receiver module.
5. Put the receiver module that you plan to program into programming mode. Refer to the User's Instructions of that receiver module.
6. Once the receiver module is in programming mode, press the Scene number button on the remote, i.e. [1] for Scene 1. The Red LED will flash light then off. You have now programmed a Scene 1 signal with 60% brightness to the receiver module. The LCD display will continue to show the setting for Scene 1 with the brightness setting flashing.
7. As most scene settings involve multiple lights with different brightness, you may change the brightness again and program the same scene to another receiver module.
8. After programming all the scenes, you may press the [PROG] button twice to return to clock mode.

Scene Operation:

To turn on a scene:
1. Press the Function button "Ⓕ" until you see "scene on".
   The SCENE icon and ON icon will stay on in the LCD display.
2. Press [1 – 9] to select the desired scene, i.e. Enter [1] for Scene 1 and all the lights in Scene 1 will be on at the preset brightness.

To turn off a scene:
1. Press the Function button "Ⓕ" until you see "scene off".
   The SCENE icon and OFF icon will stay on in the LCD display.
2. Press [1 – 9] to turn off the scene, i.e. Enter [1] to turn off all the lights in Scene 1.

You may assign a scene to specific receivers with preset brightness to create a different atmosphere. Please see examples below.

Scene No.	Scene Name	Receiver Control	Brightness
1	Evening	Family Room Floor Light	30%
1	Evening	Family Room Ceiling Light	40%
1	Evening	Kitchen Floor Light	30%
2	Movie	Kitchen Ceiling Light	30%
2	Movie	Family Room Ceiling Light	0%
2	Movie	Family Room Floor Light	10%
3	Garden Evening	Front Door Light	80%
3	Garden Evening	Front Yard Light	60%
3	Garden Evening	Back Yard Light	40%

PROGRAMMING FOR TIMER OPERATION

The remote provides 9 timer settings so it will send signals to control the desired devices at the preset time. You need to set the time, day of the week and the action in advance. You can set the following actions to control different devices:

1. An individual light on / off
2. A scene on / off
3. A zone on / off

To setup a timer (Time and day or the week)
1. Press the [PROG] button until the "TIMER" icon appears. The Setting icon and the TIMER icon will stay on and the Timer number will flash in the LCD display.

2. Press [1 – 9] to select the Timer number you want to setup.
3. The day of the week (e.g. MO) will flash. Select the day you want the timer to be activated by using the Up [▲] and Down [▼] buttons. To select, press [↵]. The day of the week will turn solid, meaning this is the day this timer will be on. You can select multiple days, such as Monday and Tuesday.
4. After selecting the week, then set the time to activate this timer option. Use the Left [◄] and Right [►] buttons for the Hour and Minute settings. Use the Up [▲] and Down [▼] buttons to set the time you want this timer to start. Press [↵] to confirm the setting.
5. Press the [PROG] button once to exit programming mode, or leave it be for 15 seconds. The remote will return to standby mode.

After setting up the time and day, you need to assign this timer to an action (i.e. turn on a specific light).

The following table is an example you may use to activate an action at a specific time and day of the week.

Timer Button	Event	Time and Day of week	Lights	Action
1	Wake up Timer	MO, TU, WE, TH, FR 6:30	Zone 3 (Bedroom) all lights	Turn On Zone 3
2	Weekend Wake up	SA, SU 10:00	Zone 3 (Bedroom) all lights	Turn On Zone 3
3	Morning Outdoor Off	SU, MO, TU, WE, TH, FR, SA 7:00	Zone 5 (Front / Back Yard)	Turn On Zone 5
8	Pool On	SA, SU 18:00	Pool Light On	Turn on Light 6
9	Pool Off	SA, SU 22:00	Pool Light Off	Turn off Light 6

To Assign a Timer:

1. Press TIMER button once to select Timer mode.
2. Press [1 – 9] to select the desired timer,
   (i.e. Enter [1] for Timer 1.)
3. Press [PROG] to select between assigning this
   timer for:
   a. Individual Light / Device
   b. Zone
   c. Scene
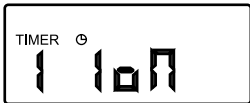
   You can press [PROG] multiple times until the desired setting.

Press [PROG] button, the Device/
Zone/Scene number flashes and
the Setting icon stay on

Continue pressing the [PROG]
button to select Scene

Continue pressing [PROG] button
to select Zone

Continue pressing the [PROG]
button to select Individual/Device

4. Use the Up [▲] / Down [▼] Button to select the Device Number /
   Zone Number /Scene Number [1-9] that you want the timer to activate.
5. Use the Right [►] Button to select On / Off setting, use Up [▲] / Down [▼]
   Button to set either ON or OFF to the control device. You can always go
   back to step 4 by pressing the Left [◄] Button.
6. Press Enter [↵] to confirm the setting.

Repeat the above steps to setup different timer operations.

To Activate or Deactivate the Timer:
1. When in the standby mode, press [TIMER] once.
2. Press [1 – 9] to select the desired timer, i.e. Enter [1] for Timer 1.
3. Press [TIMER] again to activate or deactivate the timer. If the Timer icon stays on, the timer is activated. If the Timer icon is off, that timer is deactivated.
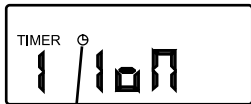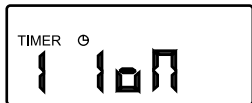
Timer icon is on   Timer icon is off

BATTERY

When the operating range is reduced, the LCD backlight is dimmed, or the red LED light is not flashing during operation, it is time to replace the battery.
The remote is powered by 2 AAA alkaline batteries. Follow the instructions below to replace the batteries in the transmitter.
1. Slide out the battery cover from the unit.
2. Remove the old battery. Insert 2 new AAA Alkaline batteries to the battery compartment. Beware of the battery polarity.
3. Replace the battery cover on the remote. The red LED light on the front of the unit will be on for 1 second and the LCD will turn on.

After replacing the batteries, please refer to the Section 3 : "Set the clock" to set the current time. There is no need to program the devices, zones, timers or scene settings. These settings are stored in the memory without being affected by the battery.

Caution: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

WARRANTY

CUSTOMER SERVICE

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