Introduction

The Kichler® Design Pro LED Controller Remote allows the user to independently control lighting zones based on predefined programs. This enables the homeowner to temporarily override schedules on individual zones by turning the lights on/off at any given time. However, this does not interfere with the primary schedules set at the controller. When the next scheduled event takes place the temporary command will be eliminated providing the homeowner with on-demand control and versatility in their outdoor spaces. The remote can also be used to control other Z-Wave enabled devices.

Kichler® Remote Network Functions:

Inclusion-Mode: Adding/Including Z-Wave Devices into the Z-Wave Network

1. Press the button labeled "Include" – The blue LED will blink slowly to indicate that the Kichler® Remote has entered Inclusion-Mode.
2. Press the Z-Wave button on the product you wish you add into the network – The blue and red LED will blink quickly to indicate detection of the Z-Wave device being added.
3. The blue LED will stay solid for 2 seconds to indicate success; the red LED will stay solid for 2 seconds to indicate failure.
4. Repeat step #2 for all products you wish to add into the Z-Wave network or press any button on the Kichler® Remote to exit Inclusion-Mode. (The blue LED will be blinking slowly as in step #1 while in Inclusion-Mode.)

NOTE: Secondary Controllers are not able to include Z-Wave products; the LED will stay solid red for 2 seconds to signify this before exiting Inclusion-Mode.

Removal-Mode: Deleting/Removing/Excluding Z-Wave Devices from the Z-Wave Network

1. Press the button labeled "Remove" – The red LED will blink slowly to indicate that the Kichler® Remote has entered Removal-Mode.
2. Press the Z-Wave button on the product you wish you remove from the network - The blue LED will stay solid for 2 seconds to indicate success; the red LED will stay solid for 2 seconds to indicate failure
3. Repeat step #2 for all products you wish to remove from the Z-Wave network or press any button on the Kichler® Remote to exit Removal-Mode. (The red LED will be blinking slowly as in step #1 while in Removal-Mode.)

NOTE: Secondary Controllers are not able to remove Z-Wave products; the LED will stay solid red for 2 seconds to signify this before exiting Removal-Mode.

Creating Scenes (and Removing Z-Wave Devices from Scenes)

1. Press and hold the scene button you wish to configure (top of enclosure) – The blue LED will blink quickly after 1 second to show that it is ready to add/remove a device from the scene.
2. Press the Z-Wave button on the product you wish add/remove (while still holding the scene button from the previous step) - The blue LED on the Kichler® Remote will stay solid to indicate the device has entered the scene.*
3. While still holding the scene button from Step-1, adjust the level of the Lamp/Shade/product to the desired level.
4. Release the scene button to complete adding the device to the scene at the device's current level.

NOTE: If the product is already a part of that particular scene, it will be removed from that scene the second time steps #1-4 are repeated for that particular product in that scene.

NOTE: Z-Wave devices must be first added/included into the same network as the Kichler® Remote in order to create a scene with that device.

All On – Turn On All Z-Wave Devices in the Network

1. Press and hold the top-left and top-right scene buttons together.

All Off – Turn Off All Z-Wave Devices in the Network

1. Press and hold the bottom-left and bottom-right scene buttons together.

Associating Z-Wave Lights/Switches/Gateways to Z-Wave Sensors in the Network

1. Press the button labeled "Associate" – The blue LED will blink slowly to indicate that the Kichler® Remote has entered Association-Mode.
2. Press the Z-Wave button on the product you wish the sensor to communicate to -The blue LED will blink quickly to indicate detection of the Z-Wave device.
3. Press the Z-Wave button on the sensor - The blue LED will stay solid for 2 seconds to indicate success, the red LED will stay solid for 2 seconds to indicate failure.
4. Repeat step #3 for all sensors you wish to be controlling the device in step #2 or press any button on the Kichler® Remote to exit Association-Mode. (The blue LED should be blinking quickly again as in step #3.)

Becoming a Secondary/Inclusion Controller to Another Z-Wave Controller or Gateway in an Existing Z-Wave Network

1. Press the button labeled "Learn" – The blue LED will blink slowly.
2. Press the button labeled "Include" on the other Z-Wave controller - The blue and red LEDs will blink quickly to indicate detection of the other Z-Wave controller.

   Consult the operation manual of other controllers for instructions on how to add the Kichler® Remote as a secondary/inclusion controller into an existing network.

3. The blue LED will stay solid for 2 seconds to indicate success; the red LED will stay solid for 2 seconds to indicate failure.

Resetting the Kichler® Remote

1. Press and hold both the buttons labeled "Associate" and "Learn" for 10 seconds – The red LED will blink from slow to fast.
2. The blue LEDs will stay solid for 2 seconds to indicate success.

Rediscovering/Healing/Fixing the Z-Wave Mesh Network

1. Press and hold the button labeled "Include" 10 seconds – The blue and red LED will blink quickly to indicate the rediscovery has begun.
2. The blue LEDs will stay solid for 2 seconds to indicate success.

Shifting the Primary/Master Controller Role to Another Controller in the Same Network

1. In Press the button labeled "Learn" on the other Z-Wave controller to become primary/master - The blue LED will blink\ to indicate the Z-Wave controller is ready to receive information from another Z-Wave controller.

   Consult the operation manual of other controllers for instructions on how to receive new information from the primary controller in the Z-Wave network to become the new primary/master controller of the network.

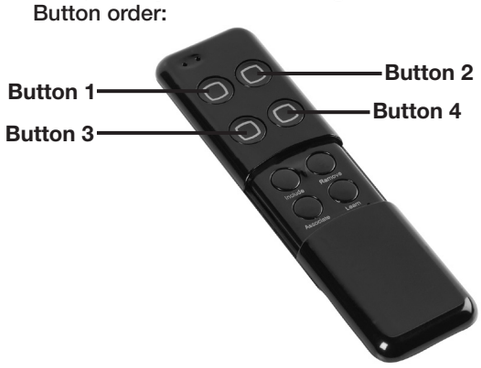
2. Press and hold both the buttons labeled "Include" and "Remove" on the Kichler® Remote for 10 seconds – The blue and red LEDs will blink from slow to fast.
3. The blue LEDs will stay solid for 2 seconds to indicate success.

To expand a network by adding a 16080BK Kichler Design Pro Remote to a Kichler Design Pro LED Controller:

1. Be sure the battery of the Remote is sufficiently charged.
2. On the remote, press the button labeled "Learn". The blue LED will blink slowly to indicate the remote is ready to receive information from the Kichler Design Pro LED Controller.
3. On the Controller press: Home>Network>Add Device. Then press Enter.
4. The Controller will display a message saying "Executing…"
5. If the device was successfully added, the Controller will display a message saying "Process complete".
6. If the device was not successfully added, the Controller will display a message saying "Fault Occurred".
7. On the Controller press: Home>Network>Accessories. Then press Enter.
8. **Select:** Config Remote. Then press Enter.
9. **Choose:** Select Remote. Then press Enter.
10. The Controller will display a message saying "Executing…"
11. The display screen will show the number of Z-Wave devices currently available in the Z-Wave Network.
12. Use the up and down navigation buttons to scroll through the Device ID's until the Device ID assigned to the Remote is highlighted. Then press Enter.
13. Use the up and down navigation buttons to select a button number to be programmed. Then press Enter. Each of the four buttons on the Kichler Design Pro Remote can be assigned to a different scene, using any zone combinations for any of the Controllers on the Z-Wave Network.
14. Select the Controllers (DC's) that contain the Zones to be assigned to the button. (The specific Zones for each Controller will be assigned in the next step.) Then select Continue. (Choosing the "Select All" option will assign all Zones of all Controllers to the button press.
15. Select the Zone or Zones on the first Controller (Controller1 Zones) to be assigned to the button. (The Controllers # are numbered in the order in which they were added to the Z-Wave Network with Controller1 being the Master Controller and Controller2, Controller 3 and Controller 4 being the Subservient Controllers.) Use the up and down navigation buttons and the Enter button to select any Zones to be included. Then press Continue.
16. Repeat Step 15 for each subsequent Controller; each Controller will list only the Zones available for that specific model Controller (i.e. a 200W Controller will show only four available Zones. Then select "Next Menu". Once the last Controller has its Zones assigned, selecting "Continue" will return to the Config Remote screen
17. Be sure the Remote is "awake" by pressing an holding the remote button marked "Learn". Once the blue light turns off, release the "Learn" button. Within 1 minute of waking the Remote, Select the "Transmit Info" on the Controller and press "Enter".

Things to note:

- Any Kichler Design Pro LED Controller can set the actions for the remote buttons. If you desire a single button press to control more than one DC controllers, then the Master must be used to setup the remote.
- Once a remote's button press actions have been setup on the system, a single quick button press (and release) turns ON the desired zones and a long button press (and release) turns OFF the desired zones.
- User must remember the order of adding devices, in order to select the remote. The Master controller is the only device that keeps track of secondary DC controller device IDs. This information can help in the process of determined the node/device ID of the remote.
- To wake up the remote, you must press and hold down the "learn" button. Once the Blue light goes out, you can release the button and now the remote will stay awake for a minute or so, allow you to transmit a given set of commands.
- Button order:



FCC NOTICE (for USA):

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO
OPERATE THE EQUIPMENT.
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. 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.

WARNING:
Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

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For warranty information please visit:
http://www.kichler.com/professional/landscape-lighting/landscape-warranty.aspx

For more information, please refer to
http://www.kichler.com/landscape