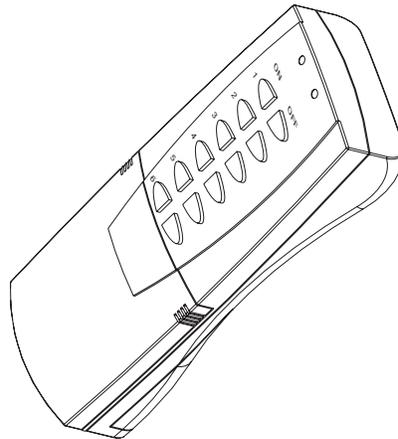




# Wireless Remote Control

**Model HA-09WD**  
Operating Instructions and  
Owner's Manual

Control lighting and small appliances  
throughout your home.



Thank you for purchasing the HA-09WD HomeSettings Wireless Remote Control. HomeSettings products by Wayne-Dalton allow you to control your home by remote control. You can create a complete Home Control and Access Network by combining your Wireless Remote Control with other HomeSettings products. Indoor and outdoor lighting, security systems, garage door openers, and thermostats are just a few of the items you can easily control with additional HomeSettings products.

Your new Wireless Remote Control is compatible with the complete range of Z-Wave™ enabled HomeSettings products.

### Home Control Basics

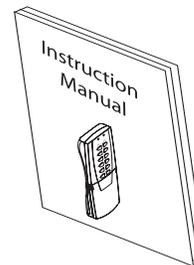
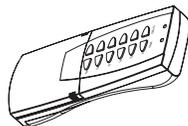
HomeSettings products will allow you to easily control multiple devices in a home with the push of a button in what is known as a “scene”. Turning on all of the lights as you come home is an example of a scene. Dimming lights and closing your curtains to watch TV, it's also a scene.

Visit [www.wayne-dalton.com/access](http://www.wayne-dalton.com/access) to get ideas on how to create scenes with your Remote Control and other Z-Wave™ enabled HomeSettings products.

### PACKAGE CONTENTS

HA-09WD Wireless Remote Control

Instruction Manual



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Look for the **Quick Start** symbol for basic instructions.

## Glossary

**Copy** – See Replicate.

**Delete** – Erase transmitter or scene information from Controller. Also known as Exclude.

**Device** – Any item that is connected to a module (for example, lamps).

**Exclude** – Remove a module from the controller.

**Include** – Add a module to the controller.

**Module** – Any HomeSettings or Z-Wave™ product that is controlled with a HomeSettings or Z-Wave™ remote controller. A module can be part of more than one scene.

**Network** – A collection of Z-Wave™ modules controlled by primary or secondary controllers operating on the same system. A network has its own unique identification code so that no one else can control the system.

**Operator** – Garage door opener or garage door operator.

**Primary Controller** – The first controller used to set up your modules and network.

NOTE: Only the Primary Controller can be used to include or delete modules from a network. It is recommended that you mark the primary controller for ease in modifying your network.

**Replicate** – Copy from one controller to another.

**Scene** – A scene is a series of Z-Wave™ modules programmed to turn to a specific level (on, off, dim) with the push of a button on a controller.

**Secondary Controller** – A controller containing network information about other modules within the network, and is created FROM the primary controller. Secondary controllers cannot include or delete modules to the network.

**Transmitter** – Garage Door Opener transmitter.

## Basics

The Wireless Remote Control, HA-09WD, is designed to work with your Z-Wave™ network as either a primary or secondary controller and requires that you have one or more Z-Wave™ modules. With your controller you can create scenes for controlling multiple Z-Wave™ modules including lighting devices, thermostats, window coverings and appliances with one push of a button. Your HA-09WD can control up to 6 different scenes.

To begin using Z-Wave™ Home Control technology it is helpful to understand that each Z-Wave™ module, including the Wireless Remote Control, communicate with each other using a low power radio transmitter and receiver. Large metal objects, house wiring, walls, furniture, refrigerators, microwaves and similar items can interfere with communication between the modules to reduce the range or even prevent communication. Therefore, placement of Z-Wave™ modules is very important.

It is important to know that a Z-Wave™ network can have only one primary controller. The primary controller is the first controller used to establish a network and is the only controller capable of adding additional modules to your network. As your network grows, it is easy to add additional controllers. These controllers are known as “secondary controllers”. Your HA-09WD, Wireless Remote Control, can operate as either a primary controller or secondary controller.

For more tips and great ideas on how to use and expand your wireless network please visit our website, [www.wayne-dalton.com/access](http://www.wayne-dalton.com/access).

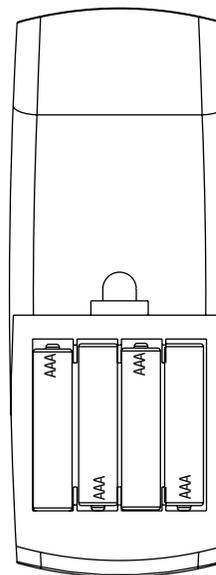
1. Modules should be plugged or hard-wired into the location where they will be used.
2. Do not remove or unplug modules after they have been included into the network. Doing so will slow down network response.
3. Devices must be plugged into modules before adding modules to the network. Devices (for example, lamps) must be turned to the ON position before they can be programmed.
4. HA-06WD Dimmer Switches have a 40-Watt minimum lamp requirement.
5. Controllers must be brought within 3 ft. of modules during set-up. This is because during set-up, the controller communicates with the modules using low radio transmission power which helps provide additional security when setting up your network.
6. It is recommended that a portable controller be used as the primary controller for ease in programming. Stationary and other portable controllers can be replicated from the primary controller to create secondary controllers.

<b>Examples of Scenes</b>	
<p><b>The following examples describe how your Z-Wave™ network can be set-up and operated. For further ideas, please visit our website at <a href="http://www.wayne-dalton.com/access">www.wayne-dalton.com/access</a>.</b></p> <p>1. Approaching your home in your car, you wish to turn on the outside lights near the garage, front door and rear door, as well as a lamps in the kitchen and family room. Wireless Gateway Scene 1 can be programmed to turn all of these lights ON. To operate Scene 1 from your car, you will also need to program one button of the remote located in your car to Scene 1.</p> <p>2. In your car and leaving your home you wish to turn off the outside lights near the garage, front door and rear door, as well as interior lights and appliances. Wireless Gateway Scene 2 can be programmed to turn all of these modules. To operate Scene 2 from your car, you will also need to program one button of the remote located in your car to Scene 2.</p> <p>3. Noises outside your home awaken you during the night. Scene 6 on your Remote Control is programmed to turn on only the outside lights. You can turn on Scene 6 with your Remote Control from your bedroom to illuminate the area and scare off any potential intruders.</p> <p>4. Lights out! You have tucked your 2 children in bed and one has your permission to read for 15 minutes while the other has your permission to watch TV for 15 minutes. After 15 minutes you want to turn off their lights and TV. Scene 5 on your Remote control is programmed to their bedroom lights, lamps and to a TV in the child's room. Using your Remote Control you can turn their lights and TV off by pressing the Scene 5 off command.</p>	<p>Examples require the following modules:</p> <p>1 - Wireless Gateway, WDHA-12R  1 - Keychain Remote, (3150R) or any built-in vehicular remote control  3 - Dimmer Switch Module HA-06WD (for each light switch)  2 - Lamp Module, HA-03WD (for lamp in kitchen and family room)</p> <p>1 - Wireless Gateway, WDHA-12R  1 - Keychain Remote, (3150R) or any built-in vehicular remote control  3 - Dimmer Switch Module HA-06WD (for each light switch)  2 - Lamp Module, HA-03WD (for lamp in kitchen and family room)</p> <p>1 - Remote Control, HA-09WD  3 - Dimmer Switch Module HA-06WD (for each outdoor light switch)</p> <p>1 - Remote, HA-09WD  2 - Lamp Module, HA-03WD (for lamp in each room)  1 - Appliance Module HA-02WD (for the TV)</p>

### Battery Installation

1. Open the battery compartment door located on the back of the remote control by pressing down on the battery compartment tab and pulling the door outward.
2. Insert 4 AAA alkaline batteries (not included), placing the batteries as shown in the compartment.
3. Replace the battery compartment door by first inserting the 2 tabs at the bottom of the door, then pressing the door in until the door clicks shut.

Shown with Battery Cover Removed



### Creating a Network

Creating a network refers to assigning modules to the primary controller. All modules must be assigned to the primary controller before any scenes can be created, or any programming or remote control functions can be accomplished.

If you own more than one controller, it is highly recommended that you mark, or otherwise record, which controller is your primary controller. Only the primary controller can be used to include or delete modules from a network.

**NOTE:** Devices must be plugged into modules before adding modules to the network. Devices (for example, lamps) must be turned to the ON position.

## Creating a Network

1. While holding the door grips, slide the cover down to reveal the INCLUDE and DELETE buttons.

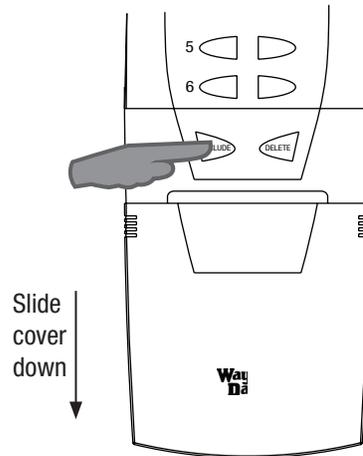
2. Press and release the INCLUDE button. The green LED will flash indicating that the controller is ready to add modules to the system. (If the green LED stops flashing, the controller has "timed out". The INCLUDE button must be pressed again)

3. Press and release the programming button on the module. If successful, the LED on the controller and module will turn solid green. If not successful, the red LED will flash and it will be necessary to repeat steps 2 and 3 until the green LED on the controller turns solid green and does not flash.

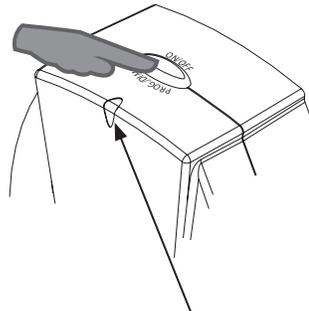
4. Repeat steps 2 and 3 for each module you wish to include into the network.

**Quick**   
**Start** 

Set-Up



Press and Release  
Program button on  
Module



Green LED on  
module

## Creating a Scene

**Quick**   
**Start** 

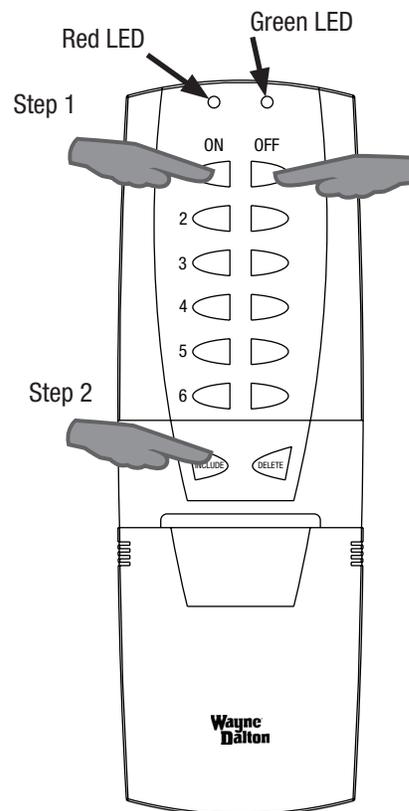
Creating a scene refers to assigning one or more Z-Wave™ modules, programmed to a specific level (ON, OFF, DIM), to a single controller button. For example, two HA-03WD Lamp modules are assigned to your network. You can program lamp number 1 to turn on with scene button 1, lamp number 2 to turn on with scene button 2 and both lamps to turn on with scene button 3.

The HA-09WD can be programmed with up to 6 scenes. The Remote Control also offers an ON and OFF state for each scene.

All modules must be assigned to the primary controller before any scenes can be created, or any programming or remote control functions can be accomplished.

1. On the HA-09WD Remote Control, simultaneously press and hold the ON and OFF buttons of the desired scene. Both red and green LED's will flash. (Note: The LED's will time out after 10 seconds. If this happens, this step needs to be repeated). Release the ON and OFF buttons.

2. Immediately press and hold the INCLUDE button.

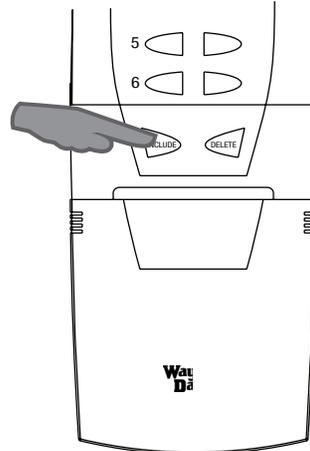


**Creating a Scene (continued)**

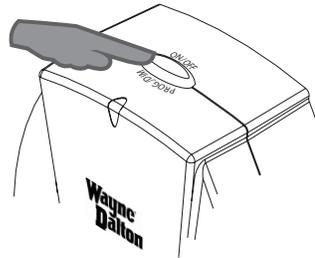
3. While holding the INCLUDE button, press the program button on the module you wish to program. If you have a dimmable module choose a light level by holding the module PROGRAM button until you have set the desired light level. Possible settings are full on, full off or DIM level for dimmable modules. If you do not have a dimmable module possible settings are full on, or full off.

NOTE: The HA-03WD Lamp Module and HA-06WD In-Wall Dimmer Switch have dimming capabilities.

If the Z-Wave™ module does not have an obvious PROGRAM button, please refer to the instruction manual for that module on how to program it into a network and scene.



Press and hold INCLUDE on the Remote Control while you press and release the PROGRAM button on the module. Then release the INCLUDE button to complete the module programming.



## Create a Scene (continued)

4. After setting your desired light level, release the INCLUDE button on the remote controller. The green LED's on the controller and module will flash. The module LED will turn solid green.

5. You may want to verify your scene result by pressing the OFF button to and then the ON button to confirm proper operation.

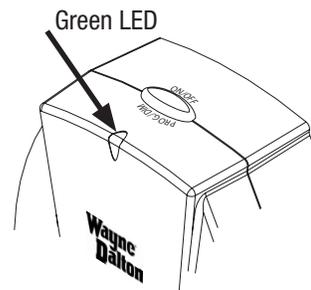
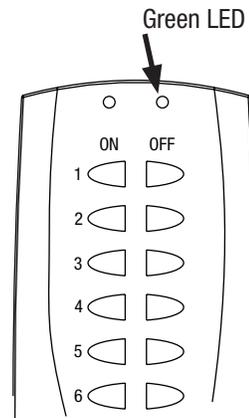
6. To include additional modules to the scene, repeat steps 1 – 4 for each module.

7. To create additional scenes, repeat steps 1-4 and choose a different scene number.

Note: It may be helpful to name scenes and record them on your Remote Control for reference. Slide the bottom cover down to expose an area to record the scenes.

Quick   
 Start

Set-Up



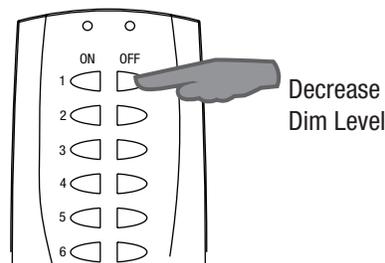
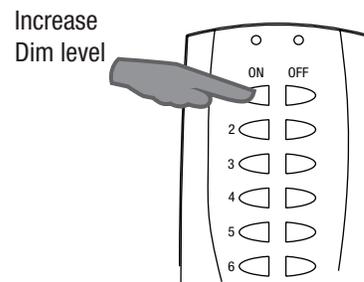
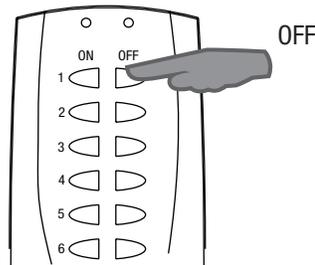
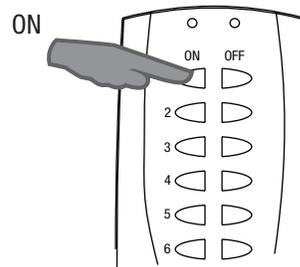
## Operation

Quick   
 Start

Operation

Each scene on the HA-09WD Remote Control has an ON and OFF state. The ON state allows each module programmed to that scene to turn on, when the ON button for that scene is pressed and likewise the OFF state allows each module programmed to that scene to turn off, when the OFF button for that scene is pressed. If the scene uses dimming modules, each dimming module will go to the dim level for which it was programmed in that scene. One module may be programmed to many different scenes and each may be set to a different state, such as ON, OFF or a particular DIM level.

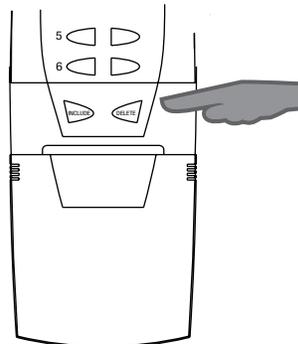
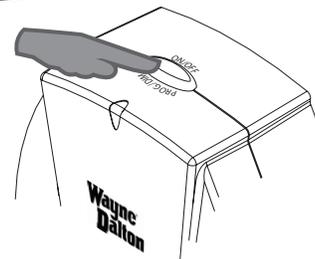
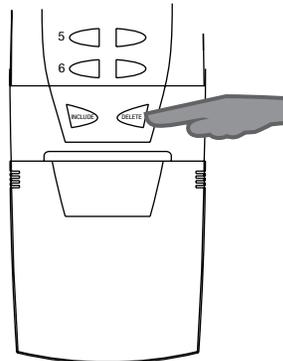
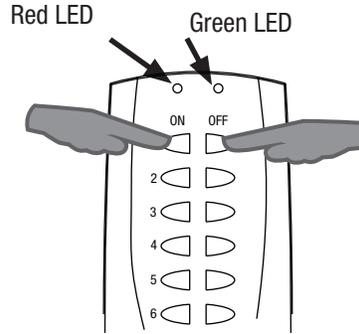
1. To turn ON a scene, simply press and release the ON button for that scene number.
2. To turn OFF a scene, simply press and release the OFF button for that scene number.
3. If the scene contains dimmable modules, to increase the DIM level, press and hold the ON button.
4. If the scene contains dimmable modules, to decrease the DIM level, press and hold the OFF button.



**Exclude Module from Scene**

The following steps are for removing a module from one single scene and does not disturb the programming of the module to other scenes.

1. On the HA-09WD Remote Control, simultaneously press and hold the ON and OFF buttons of the desired scene. Both red and green LED's will flash. (Note: The LED's will time out after 10 seconds. If this happens, this step needs to be repeated). Release the ON and OFF buttons.
2. Immediately press and hold the DELETE button.
3. While holding the DELETE button, press the PROGRAM button on the module you wish to remove.
4. Release the DELETE button on the remote controller. The green LED on the controller and the green LED on the module will flash. The module LED will turn solid green.
5. To remove additional modules from the scene, repeat steps 1 –4 for each module.



## Exclude Module from Network

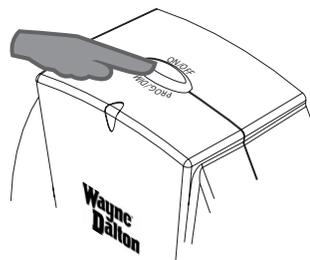
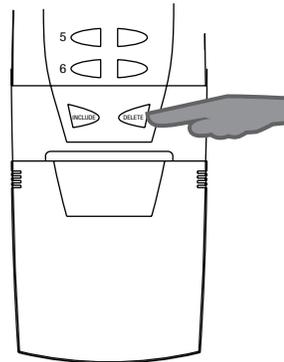
The following steps are for removing a module from the network and will remove the module from all scenes to which it was associated.

**NOTE:** Devices should be plugged into modules before excluding modules to the network. Devices (for example, lamps) should be turned to the ON position.

**NOTE:** If you have secondary controllers you should delete the module from their scenes first before performing this step.

**NOTE:** Only primary controllers have the capability of removing modules from the network.

1. While holding the door grips, slide the cover down to reveal the INCLUDE and DELETE buttons.
2. Press and release the DELETE button. The green LED will flash indicating that the controller is ready to exclude modules from the network. (If the green LED stops flashing, the controller has “timed out”. The DELETE button must be pressed again.)
3. Press and release the PROGRAM button on the module. If successful, the LED on the controller and module will turn solid green. If not successful, the red LED will flash and it will be necessary to repeat steps 2 and 3 until the green LED on the controller turns solid green and does not flash.
4. Repeat steps 2 and 3 for each module you wish to exclude from the network.

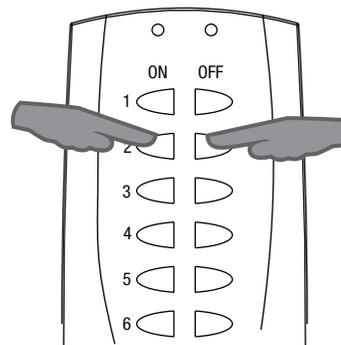
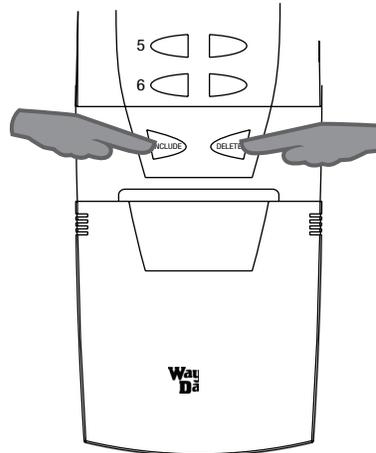


### Resetting Scenes Only

The following steps will completely reset all scenes but leaves the network information on the HA-09WD Remote Control.

This action is not reversible and will require all scenes to be reprogrammed.

1. Press and hold INCLUDE and DELETE buttons at the same time for 10 seconds. The red and green LED's will flash.
  
2. Hold the scene 2 ON and OFF buttons simultaneously until the green LED turns solid.

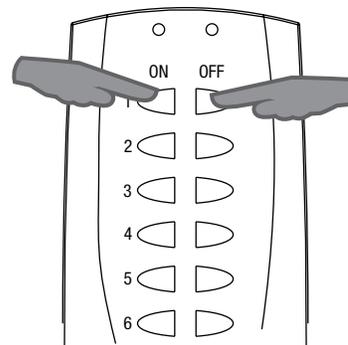
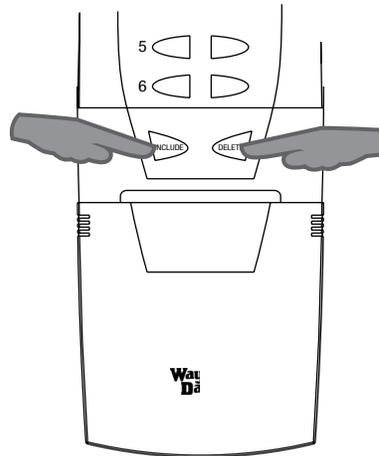


## Resetting Scenes and Network

The following steps will completely reset all scenes and network settings in the HA-09WD Remote Control clearing all programmed scenes and modules from memory.

This action is not reversible and will require that you perform the programming steps to include modules into the network and will require all scenes to be re-programmed.

1. Press and hold INCLUDE and DELETE buttons at the same time for 10 seconds. The red and green LED's will flash.
2. Hold the scene 1 ON and OFF buttons simultaneously until the green LED turns solid.



## Replication Basics

The HA-09WD Wireless Remote Control allows you to create two different types of copies if it was used as the primary remote control:

- Replicating both network and scene settings will copy all network information and scene information for each scene. (See Section Replicating Scenes and Networks on page 17.) In other words, this type of replication makes a duplicate of your controller.
- Replicating the network will copy network information only. (See Section Replicating Networks Only on page 18.) This type of replication INCLUDES all of the Z-Wave™ modules on your primary controller but requires that you set-up new scenes on your secondary controller.

It is important to know that each network can have only 1 primary controller, however, you may wish to have the use of multiple controllers for your system for added convenience. It is highly recommended that you mark, or otherwise record, which controller is your primary controller. Only the primary controller can be used to include or delete modules on a network and only the primary controller can be replicated to create secondary controllers.

**Note for replicating scenes:**

**If the primary controller stores more scenes than the secondary controller, only the scenes starting at scene one and ending in the number of scenes allowed by the secondary controller will be stored by the secondary controller. For example, a HA-09WD Remote Control which is capable of 6 scenes, will replicate to a WDHA-12R Wireless Gateway only the first 3 scenes because the Gateway is limited to 3 scenes.**

After the initial setup and replication process, adding Z-Wave™ modules to the primary controller does not require another replication to the secondary controller. The secondary controller can use the new modules directly in scenes, without replicating first.

Replicating will overwrite any scenes and network information that are stored on the secondary controller. Follow replicating directions very carefully to avoid overwriting your primary controller.

**Replicate Scenes and Networks**

Perform the following steps to replicate scenes and networks *from* a HA-09WD used as a primary controller *to* a secondary controller. The following example uses another HA-09WD as the secondary controller. If using any other controller for a secondary controller, please consult the owners manual for specific instructions on replication.

On your HA-09WD PRIMARY controller:

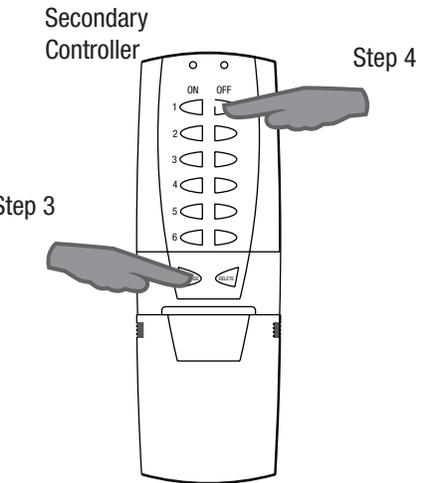
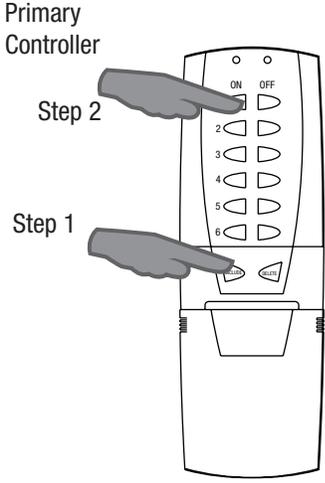
1. Press and hold INCLUDE for 5 seconds. Both Red and Green LEDs will flash. Release the INCLUDE button.
2. Press and release Scene 1 ON on the primary controller. The Green LED will flash to indicate all information is transmitting.

On the SECONDARY controller:

3. Press and Hold INCLUDE for 5 seconds. Both Red and Green LEDs will flash. Release the INCLUDE button.
4. Press and release Scene 1 OFF on the secondary controller. The Green LED will flash to indicate all information is being received.

After performing steps 1 to 4, the controllers will automatically synchronize with each other. If successful, the green LED will flash and remain solid for 2 seconds. If not successful the red and green LED's will flash for 2 seconds.

To replicate scenes and network information from another controller that is the primary controller to a HA-09WD Remote Control that is the secondary controller, please consult the primary controller's owners manual on how to replicate to another controller and follow Steps 3 and 4 above for the HA-09WD.



### Replicate Networks Only

Perform the following steps to replicate networks **from** a HA-09WD used as a primary controller **to** a secondary controller. The following example uses another HA-09WD as the secondary controller. If using any other controller for a secondary controller please consult the owners manual for specific instructions on replication.

On your PRIMARY controller:

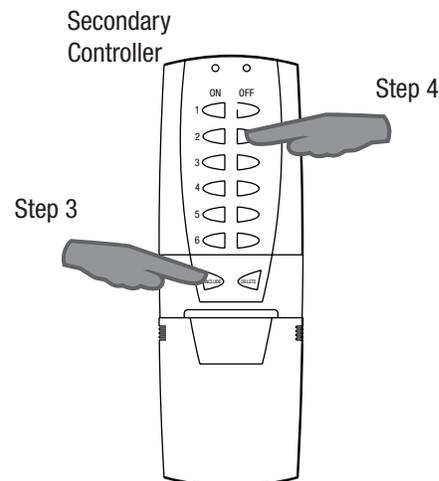
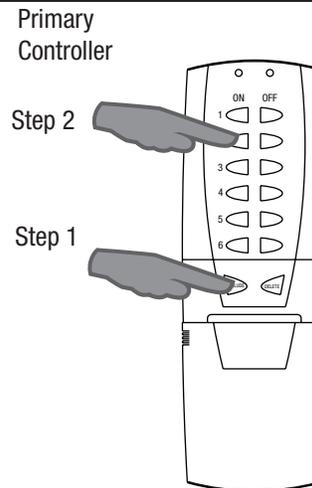
1. Press and hold INCLUDE for 5 seconds. Both Red and Green LEDs will flash. Release the INCLUDE button.
2. Press and release Scene2 ON on the primary controller. The Green LED will flash to indicate all information is transmitting.

On the SECONDARY controller:

3. Press and hold INCLUDE for 5 seconds. Both Red and Green LEDs will flash. Release the INCLUDE button.
4. Press and release Scene 2 OFF on the secondary controller. The Green LED will flash to indicate all information is being received.

After performing steps 1 to 4, the controllers will automatically synchronize with each other. If successful, the green LED will flash and remain solid for 2 seconds. If not successful the red and green LED's will flash for 2 seconds.

To replicate network information **from** another controller which is the primary controller **to** a HA-09WD Remote Control which is the secondary controller, please consult the primary controller's owners manual on how to replicate to another controller and follow Steps 3 and 4 above for the HA-09WD.



<b>Troubleshooting</b>	
<p>Problem:</p> <ul style="list-style-type: none"> <li>• Each time I try to INCLUDE or DELETE modules to my network, I get errors (red LED flashes)</li> </ul>	<p>Solution:</p> <ul style="list-style-type: none"> <li>• The controller might be a secondary controller. Only a primary controller may be used to INCLUDE or DELETE modules into or from a network. Use the primary controller to INCLUDE or DELETE.</li> <li>• The module might be part of a different network. Reset the module by pressing and releasing DELETE on the primary controller, then push the program button on the module. Now you may INCLUDE the module using the primary controller.</li> </ul>
<p>Problem:</p> <ul style="list-style-type: none"> <li>• After performing a controller replication, neither controller controls anything at all.</li> </ul>	<p>Solution:</p> <ul style="list-style-type: none"> <li>• You have copied from the wrong controller and have overwritten your primary controller.</li> </ul>
<p>Problem:</p> <ul style="list-style-type: none"> <li>• I am trying to turn on a module associated to scene 1, but it will not turn on.</li> </ul>	<p>Solution:</p> <ul style="list-style-type: none"> <li>• Check to be sure there is power supplied to the module.</li> <li>• Check to be sure that the light bulb in the device is not bad.</li> <li>• The module might be associated as a 'FULL OFF' light level. Re-program the module as a 'FULL ON' or as a dimmed light level.</li> </ul>
<p>Problem:</p> <ul style="list-style-type: none"> <li>• How do I determine if my controller is a primary or secondary.</li> </ul>	<p>Solution:</p> <ul style="list-style-type: none"> <li>• Press the DELETE key on your controller. If the red LED flashes then your controller is a secondary. If the green LED turns on then your controller is either a primary controller or a new controller.</li> </ul>

## FCC and IC Statement

### FCC Regulatory Information:

**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 instruction, 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 and correct the interference by one or more of the following measures:

- a) reorient or relocate the receiving antenna,
- b) increase the separation between the equipment and receiver,
- c) 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.

### IC Regulatory Information:

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. 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 of the device.

Cet appareillage numérique de la classe B répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.

**WARNING:** Changes or modifications to this receiver not expressly approved by Wayne-Dalton Corp. could void the user's authority to operate this equipment.