Remote Manual

1. **Lighting Scenes**
   - Each group can include up to 232 Z-Wave devices and each scene can include up to 32 Z-Wave devices. Lights can be included in multiple groups. Scenes can include lights from different groups.

2. **Installing Batteries**
   - Three "AAA" Alkaline batteries (not included) are required.

3. **NOTES ON NETWORK MANAGEMENT:**
   - To add a node, group or scene can also be referred to as Exclude a node, group or scene.
   - Remove a node, group or scene can also be referred to as Exclude a node, group or scene.

DELETING A DEVICE/EIGHT NODE FROM YOUR NETWORK

To delete a device to its factory default, you must delete it from the network.

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press LIGHT once. (Green LED blinks rapidly)
4. Press and release the button on the device and the device sends its information to the remote.
5. Press DELETE once. (Red LED blinks once)
6. Press LIGHT once. (Green LED blinks rapidly)
7. Press the button on the device so that it transmits its information back to the remote.

CONTROLLING INDIVIDUAL LIGHTS/DEVICES/SCENES

You can control a light to change its brightness level.

1. Press and release the LIGHT key to turn the remote into "Individual Light Control" mode. (Red LED blinks once)
2. Press DELETE once. (Red LED blinks once)
3. Press and hold SETUP until both the red and green LEDs blink twice.
4. Press and hold SETUP until both the red and green LEDs blink twice.
5. Press and hold SETUP until both the red and green LEDs blink twice.
6. Press DELETE once. (Red LED blinks once)
7. Press LIGHT once. (Green LED blinks rapidly)
8. Press LIGHT again. (Green LED blinks rapidly)
9. Press the button on the device so that it transmits its information back to the remote.

CAUTION

Battery Use And Safety
- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries or different types of batteries.
- Do not use rechargeable batteries.
- While using the remote, take care and do not overcharge the batteries. Batteries may cause leaks that can damage electronic parts.
- Dispose of old batteries promptly and properly. Do not burn or bury them.

NOTE: this product can be operated in one 2-Wave lighting zone with a 2-Wave certified devices from other manufacturers and/or other applications. The following naming rules within the network will act as respective irregular kind of vendor.

For best results, please read and perform all the remaining instructions before using the remote. Keep this guide for future reference.

NOTE: This product can be operated in one 2-Wave network with 2-Wave certified devices from other manufacturers and/or other applications. The following naming rules will act as respective irregular kind of vendor.

Installing Batteries

Three "AAA" Alkaline batteries (not included) are required.

To dim the light, press and hold the OFF key for more than one second. (Green LED blinks rapidly)

- If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your remote. Repeat steps 1-5 if this occurs.

Setting Up and Controlling a Group

You can create a collection of devices/lights that you can control as a group.

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press ADD once. (Red LED blinks once)
3. Press LIGHT once. (Green LED blinks rapidly)
4. Press LIGHT again. (Green LED blinks rapidly)
5. Press the button on the device that it sends its information to the remote.

Adding a Device/Light (Node) to Your Remote

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press GROUP once. (Red LED blinks once)
4. Press a digit (1-9) for the group you wish to add the device to. (Red LED blinks once)
5. Press the button on the remote to turn the device on. (Green LED blinks rapidly)
6. When the green LED blinks twice, you have successfully deleted the device from your home network.

- If the red LED emits one long, steady blink, you have pressed invalid key and you have not successfully deleted the device from your home network. Repeat steps 1-5 if this occurs.

Removing a Light (Device / Node) from a Scene

1. Press and hold SCENE until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press GROUP once. (Red LED blinks once)
4. Press a digit (1-9) for the group you wish to delete. (Red LED blinks once)
5. Press LIGHT once. (Green LED blinks rapidly)
6. When the green LED blinks twice, you have successfully deleted the device from the scene.

- If the red LED emits one long, steady blink, you have pressed invalid key and the device has not been successfully added to the remote. Repeat steps 1-7 if this occurs.

Removing a Device (Light / Node) from a Group

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press GROUP once. (Red LED blinks once)
4. Press a digit (1-9) for the group you wish to delete. (Red LED blinks once)
5. Press LIGHT once. (Green LED blinks rapidly)
6. When the green LED blinks twice, you have successfully deleted the device from the group.

- If the red LED emits one long, steady blink, you have pressed invalid key and the device has not been successfully added to the remote. Repeat steps 1-7 if this occurs.

Adding a Device (Light / Node) to a Scene

1. Press and hold SCENE until both the red and green LEDs blink twice.
2. Press ADD once. (Red LED blinks once)
3. Press LIGHT once. (Red LED blinks once)
4. Press LIGHT again. (Green LED blinks rapidly)
5. Press the button on the device that sends its information to the remote.

- If the red LED emits one long, steady blink, you have pressed invalid key and the device has not been successfully added to the remote. Repeat steps 1-7 if this occurs.
INTRODUCTION
Thank you for purchasing the GE SmartHome® Remote. Your home control network can include up to 232 Z-Wave enabled devices. This remote allows you to control up to 18 individual Z-Wave devices with one easy-to-use, compact unit. You can also set up and control up to 23 groups of lights as well as 18 scenes for both of your Z-Wave lighting. Each Z-Wave device and each scene can include up to 32 Z-Wave devices. Lights can be included in multiple groups. Scenes can include lights from different groups.

Please note: The terms “Device,” “Node” and “Light” all refer to an individual Z-Wave enabled device in your home control network and are interchangeable within the context of these instructions.

If this remote is used as the primary controller, it must be used to create your control network. You can use this to define remote control confined to your Z-Wave lighting control network, however, only one remote will act as the primary controller. The primary controller must be used to add or delete devices lights/node from your network. All other remote controls are considered secondary and can be used to create groups and/or scenes and control your lighting however secondary remotes cannot add or delete devices from your control network.

NOTE: This product can be operated in one or two Z-Wave network with 2-Z-Wave certified devices from other manufacturers and/or other applications. The different listening modes within the network can act as separate replicators of your network. For best results, please read and perform all the remaining instructions before using the remote. Keep this guide for future reference.

INSTALLING BATTERIES
Three “AAA” Alkaline batteries (not included) are required. From your remote control

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully removed from your remote control. Repeat steps 1-5 if this occurs.

DELETING A DEVICE SLIGHT / NODE FROM YOUR NETWORK
To reset a device to its factory default, you must delete it from the network. To delete the device from your network, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press LIGHT once. (Green LED blinks rapidly)
4. Press and release the button on the device so that it sends its information to the remote and receives information from the remote.
5. When the green LED blinks twice, you have successfully deleted the device from your home network.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully deleted from your remote network. Repeat steps 1-5 if this occurs.

CONTROLLING INDIVIDUAL LIGHTS (DEVICES / NODES)
You can control a light or device by changing its brightness level. The operation of a specific device varies by product. Refer to the manual for that device to learn its specific operation.

1. Press and release the LIGHT key to put the remote into “Individual Light Control” mode. (Red LED blinks rapidly)
2. Select the light you want to control (Press and release SHUTTLE to control lights 1-10 through 18.)
3. To turn a light on, press and release the ON key for less than one second. The green LED will blink twice.
4. To turn a light off, press and release the OFF key for less than one second. The green LED will blink once.
5. To dim the light, press and hold the OFF key for more than one second (Green LED blinks rapidly)
6. When the green LED blinks twice, you have successfully added the device to your home network.
7. The device can now be added to Groups and/or Scenes.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your remote control. Please make sure the remote is within two feet of the device and try again.

Adding a LIGHT DEVICE / NODE to YOUR REMOTE
You can add up to 32 lights to your remote so they can be controlled individually.

1. Add a new device to your network by pairing the remote with the device.
2. Once the device is paired, it will be added to the remote’s network.
3. Press LIGHT once. (Red LED blinks once)
4. Press a digit 1-10 for the device you wish to delete. Press SHIFT and the digit 1-18 if you are removing devices 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device so that it sends its information to the remote and receives information from the remote.
6. When the green LED blinks twice, you have successfully added the device to your remote control.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your remote. Please make sure the remote is within two feet of the device and try again.

REMOVING AN INDIVIDUAL DEVICE LIGHT / NODE FROM YOUR REMOTE
You can add and delete devices from scenes/groups. You can use the SETUP button to create new scenes/groups and/or add devices.

1. To add or delete devices to a scene or group, perform the following steps:
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Press DELETE once. (Red LED blinks once)
4. Press LIGHT once. (Red LED blinks once)
5. Press LIGHT again. (Green LED blinks rapidly)
6. Press the button on the device that it sends its information to the remote and receives information from the remote.
7. When the green LED blinks twice, you have successfully removed the device from a scene or group.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully removed from your remote control. Repeat steps 1-7 if this occurs.

Removing a LIGHT (Device) / Node from a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press a digit 1-10 for the device you wish to remove. Press SHIFT and the digit 1-18 if you are removing devices from scenes 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device that it sends its information to the remote and receives information from the remote.
6. When the green LED blinks twice, you have successfully removed the device from a scene.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully deleted from the scene. Repeat steps 1-7 if this occurs.

Deleting a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press a digit 1-10 for the scene you wish to delete. Press SHUTTLE and the digit 1-18 if you are deleting scenes 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device that it sends its information to the remote and receives information from the remote.
6. When the green LED blinks twice, you have successfully deleted the device from your home network.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully deleted from the scene. Repeat steps 1-7 if this occurs.
**Remote Manual**

**CONTROLLING INDIVIDUAL LIGHTS (DEVICES / NODES)**

You can control a light to turn on or off, or change its brightness level.

### Setting a Light's Brightness Level

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press a digit (1-9) for the device location you wish to add. Press SHIFT and the digit (1-9) if you are adding devices to scenes 10 through 18.
3. Press and hold SETUP until both the red and green LEDs blink twice.
4. Press a digit (1-9) for the group you wish to add. Press SHIFT and the digit (1-9) if you are adding devices to groups 10 through 18.
5. The remote will stay in this mode until either the light or scene is added to the group.

### Deleting an Individual Light / Node from Your Remote

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press a digit (1-9) for the node you wish to delete. Press Shift and the digit (1-9) if you are deleting groups 10 through 18.
4. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully deleted from your home network. Please replace the batteries and try again.
5. When the green LEDs blinks twice, you have successfully deleted the device from your network.

### Deleting a Group

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press a digit (1-9) for the group you wish to delete. Press Shift and the digit (1-9) if you are deleting groups 10 through 18.
4. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully deleted from your home network. Please replace the batteries and try again.
5. When the green LEDs blinks twice, you have successfully deleted the device from your home network.

### Removing a Scene (Node) from a Scene

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press REMOVE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press a digit (1-9) for the scene you wish to remove. Press SHIFT and the digit (1-9) if you are removing scenes 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device so that it sends its information to the remote and the device will be removed from the scene.
6. When the green LED blinks twice, you have successfully removed the device from the scene.
INTRODUCTION
Thank you for purchasing the GE SmartHome™ Remote. Your home control network can include up to 232 Z-Wave enabled devices. This remote allows you to control up to 18 individual Z-Wave devices with one easy-to-use, compact unit. You can also set up and control up to 18 groups of lights as well as 18 scenes for the groups. Each device and each scene can include up to 32 Z-Wave devices. Lights can be included in multiple groups. Scenes can include lights from different groups.

Please note: The terms "Device," "Node," and "Light" all refer to an individual Z-Wave enabled device in your home control network and are interchangeable within the context of these instructions.

If this remote is used as the primary controller, you must use it to create your control network. You can use multiple remote controls with a Z-Wave lighting control network, however, only one remote will act as the primary controller. The primary controller must be used to add or delete devices lights/nodes from your network. All other remotes operate in a secondary mode and can be used to create groups and/or scenes and control your lighting however secondary remotes cannot add or delete devices from your control network.

NOTE: This product can be operated in one Z-Wave network with 2-Z Wave certified devices from other manufacturers and/or other applications. The different listening zones within the network can act as separate repeaters Regardless of vendor.

For best results, please read and perform all the remaining instructions before using the remote. Keep this guide for future reference.

INSTALLING BATTERIES
Three "AAA" Alkaline batteries (not included) are required.

CAUTION
Battery Use And Safety
- Use only fresh batteries of the required size and recommended type.
- Do not mix new batteries with old batteries or different types of batteries.
- If you do not plan to use the remote for an extended period, remove the batteries. They can leak chemicals that can destroy electronic parts.
- Dispose of batteries promptly and properly. Do not burn or bury them.

To Install Batteries:
1. Open the battery compartment cover located on the back of the remotes.
2. Note the + and - polarity symbols on the battery compartments.
3. Insert the batteries, making sure their polarity matches the symbols in the compartment.
4. Replace the cover.

NOTE: When the red LED blinks 5 times after a key press, you must replace the batteries. The remote retains all its user settings while replacing the batteries.

NOT FOR USE WITH MEDICAL OR LIFE SUPPORT EQUIPMENT
Z-Wave enabled devices should never be used to supply power to, or control the QW2D/-F status of medical and/or life support equipment.

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press ADD once.
3. Press LIGHT once. (Red LED blinks once)
4. Press LIGHT again. (Green LEDs blink rapidly)
5. Press the button on the device that it sends its information to the remote and receives information from the remote.

Deleting a Device (Light / Node) from your Network

1. To dim the light, press and hold the OFF key for more than one second (Green LEDs blink rapidly)
2. Press DELETE once. (Red LEDs blink once)
3. Press LIGHT once. (Green LED blinks rapidly)
4. Press and release the button that the light you want to remove or delete sends its information to the remote.

Adding a Device (Node / Light) to a Scene

5. Write down the device location you wish to remove. Press and hold the OFF key until both the red and green LEDs blink twice.
6. When the green LED blinks once, you have successfully deleted the device from your network.

If the red LEDs emit one long, steady blink, you have pressed an invalid key or the device has not been successfully deleted from your remote network. Repeat steps 1-5 if this occurs.

DELETING A DEVICE: EIGHT / NODE FROM YOUR NETWORK

To reset a device to its factory default, you must delete it from the network.

1. To delete the device from your network, perform the following steps:
   - Press and hold SETUP until both the red and green LEDs blink twice.
   - Press DELETE once. (Red LED blinks once)
   - Press GROUP once. (Red LED blinks once)
   - Press a digit (-1-9) for the group you wish to delete. Press SHIFT and the digit (-1-9) if you are deleting devices from scenes 10 through 18.

   6. When the green LED blinks twice, you have successfully added the device to a scene.

   7. Press the button on the light you are adding. Green LEDs pause briefly, blinks once and then resumes blinking, indicating that the remote is pending the digit (-1-9) for the device.

   8. Adjust the brightness level on the device within 30 seconds (refer to the manual for the device).

   9. Press SCENE once. (Green LEDs blink rapidly)
   10. When the green LEDs blinks twice, you have successfully added the device to a scene.

   11. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your remote. Please make sure the remote is within two feet of the device and try again.

REMOVING AN INDIVIDUAL DEVICE LIGHT / NODE FROM YOUR REMOTE

1. To add a maximum of 18 lights to your remote so that they can be controlled individually.
   - Add a device to your remote and sends its information to the remote.

   6. When the green LEDs blinks twice, you have successfully added the device to your remote control.

   7. Press the button on the light you are adding. Green LEDs pause briefly, blinks once and then resumes blinking, indicating that the remote is pending the digit (-1-9) for the device.

   8. Adjust the brightness level on the device within 30 seconds (refer to the manual for the device).

   9. Press SCENE once. (Green LEDs blink rapidly)
   10. When the green LEDs blinks twice, you have successfully added the device to a scene.

   11. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to the scene. Repeat steps 1-7 if this occurs.

Removing a Light (Device / Node) from a Scene

1. Press and hold SETUP with both the red and green LEDs blink twice.
2. Press DELETE once. (Red LEDs blink once)
3. Press GROUP once. (Red LEDs blink once)
4. Press a digit (-1-9) for the group you wish to delete. Press SHIFT and the digit (-1-9) if you are deleting devices from scenes 10 through 18. (Green LEDs blink rapidly)

   5. The device can now be added to Groups and/or Scenes.

   6. When the green LEDs blinks twice, you have successfully removed the device from the scene.

   7. Press the button on the light you are removing. Green LEDs pause briefly, blinks once and then resumes blinking rapidly, indicating that the remote is pending the digit (-1-9) for the device.

   8. Adjust the brightness level on the device within 30 seconds (refer to the manual for the device).

   9. Press SCENE once. (Green LEDs blink rapidly)
   10. When the green LEDs blinks twice, you have successfully removed the device from the scene.

   11. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully removed from the scene. Repeat steps 1-7 if this occurs.

Removing a Scene (Device / Node) from a Scene

1. Press and hold SETUP with both the red and green LEDs blink twice.
2. Press REMOVE once. (Red LEDs blink once)
3. Press SCENE once. (Red LEDs blink once)
4. Press a digit (-1-9) for the scene you wish to remove. Press SHIFT and the digit (-1-9) if you are removing devices from scenes 10 through 18. (Green LEDs blink rapidly)

   5. The device can now be added to Groups and/or Scenes.

   6. When the green LEDs blinks twice, you have successfully removed the device from the scene.

   7. Press the button on the light you are removing. Green LEDs pause briefly, blinks once and then resumes blinking rapidly, indicating that the remote is pending the digit (-1-9) for the device.

   8. Adjust the brightness level on the device within 30 seconds (refer to the manual for the device).

   9. Press SCENE once. (Green LEDs blink rapidly)
   10. When the green LEDs blinks twice, you have successfully removed the device from the scene.
Wireless Lighting Control
Remote Manual

INTRODUCTION
Thank you for purchasing the GE SmartHome™ Remote. Your home control network can include up to 232 Z-Wave enabled devices. This remote allows you to control up to 18 individual Z-Wave devices with one easy-to-use, compact unit. You can also set up and control up to 232 groups of devices and scenes for your complete lighting needs. Each group and each scene can include up to 32 Z-Wave devices. Lights can be included in multiple groups. Scenes can include lights from different groups.

Please note: The term’s “Device,” “Node” and “Light” all refer to an individual Z-Wave enabled device in your home control network and are interchangeable within the context of these instructions.

If this remote is used as the primary controller, it must be set up to create your control network. You can use this remote to control your Z-Wave lighting control network, however, only one remote will act as the primary controller. The primary controller must be used to add or delete devices (nodes) from your network. All other remotes (secondary) are considered secondary and can be used to create groups and/or scenes and control your lighting however secondary remotes cannot add or delete devices from your control network.

NOTE: This product can be operated in one or more Z-wave certified devices from other manufacturers and/or other applications. The different bonding nuances within the network can act as repeating router benign of vendor.

For best results, please read and perform all the remaining instructions before using the remote. Keep this guide for future reference.

INSTALLING BATTERIES
Three “AAA” Alkaline batteries (not included) are required from your remote control.

NOTE: If the red LED emits one long, steadily, blink, you have pressed an invalid key or the device has not been successfully removed from your remote control. Repeat steps 1-5 if this occurs.

DELETING A DEVICE EIGHT / NODE FROM YOUR NETWORK
To reset a device to its factory default, you must delete it from the network. To delete the device from your network, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press and release the button that it sends its information to the remote and receives information from the remote.
4. If the red LED blinks twice, you have deleted a device from your home network.
NOTE: If the red LED emits one long, steadily, blink, you have pressed an invalid key or the device has not been successfully deleted from your home network. Repeat steps 1-5 if this occurs.

CONTROLLING INDIVIDUAL LIGHTS (DEVICES / NODES)
You can control a light to turn on or off, or change its brightness level. The operation of a specific device varies by product. Refer to the manual for that device to learn its specific operation.

1. Press and release the button on the device so that it sends its information to the remote.
2. Press a digit (1-9) if you are adding a devices to groups 10 through 18. (Green LED blinks rapidly)
3. Press LIGHT once. (Red LED blinks once)
4. Press a digit (1-9) for the group you wish to add the device to. Press SHIFT and the digit 1-9 if you are adding a devices to groups 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device so that it sends its information to the remote and receives information from the remote.
NOTE: If the red LED blinks twice, you have successfully added the device to your group.

NOTE: If the red LED emits one long, steadily, blink, you have pressed an invalid key or the device has not been successfully added from your home network. Repeat steps 1-5 if this occurs.

Removing a Device (Light / Node) from a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press GROUP once. (Red LED blinks once)
4. Press a digit (1-9) for the group you wish to delete. Press SHIFT and the digit 1-9 if you are deleting devices 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device that you wish to remove.
6. If the red LED blinks twice, you have successfully deleted the device from your scene.
NOTE: If the red LED emits one long, steadily, blink, you have pressed an invalid key or the device has not been successfully deleted from the scene. Repeat steps 1-7 if this occurs.

CAUTION
Battery Use And Safety
• Use only fresh batteries of the required size and recommended type.
• Do not mix old and new batteries or different types of batteries.
• If you do not plan to use the remote for an extended period, remove the batteries. They can leak chemicals that can destroy electronic parts.
• Dispose of old batteries promptly and properly. Do not burn or bury them.

To Install Batteries:
1. Open the battery compartment cover located on the back of the remotel
2. Note the - and + polarity symbols in the battery compartment.
3. Insert the batteries, making sure the polarity matches the symbols in the compartment.
4. Replace the cover.

NOTE: When the red LED blinks 5 times after a key press, you must replace the batteries. The remote retains all its user settings while replacing the batteries.

NOT FOR USE WITH MEDICAL OR LIFE SUPPORT EQUIPMENT
Z-Wave enabled devices should never be used to supply power to, or control the ON/OFF status of medical and/or life support equipment.

NOTES ON NETWORK MANAGEMENT:
Adding a node, group or scene can also be referred to as include a node, group or scene. Remove a node, group or scene can also be referred to as Exclude a node, group or scene.

ADDITION OF NODES / LIGHTS / TO THE NETWORK
In order to control the lights, they must be Z-wave enabled and you must first add them to your home network. To add a device to your home network without assigning it to a specific location, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press ADD once. (Red LED blinks once)
3. Press LIGHT once. (Red LED blinks once)
4. Press LIGHT again (Green LEDs blinks rapidly)
5. Press the button on the device so that it sends its information to the remote and receives information from the remote.

NOTE: When the green LED blinks twice, you have successfully added the device to your remote control.
NOTE: If the red LED emits one long, steadily, blink, you have pressed an invalid key or the device has not been successfully added to your remote. Please make sure the remote is within two feet of the device and try again.

REMOVING AN INDIVIDUAL DEVICE LIGHT / NODE FROM YOUR REMOTE
1. Key and hold SETUP until both the red and green LEDs blink twice.
2. Press REMOVE once. (Red LED blinks once)
3. Press LIGHT once. (Red LED blinks once)
4. Press a digit (1-9) if you wish to remove. Press SHIFT and the digit 1-9 if you are removing devices 10 through 18. (Green LED blinks rapidly)
5. When the green LEDs blinks twice, you have successfully removed the device.

7. Press the button on the light that you are adding. Green LEDs pause briefly, blinks once and then resumes blinking rapidly, indicating that the remote is pending the addition. Press the button again to add the light to the remote.
6. Adjust the brightness level on the device within 30 seconds/refer to the manual for the device.
7. Press SCENE to turn on the green LED stops blinking.
8. When the green LEDs blinks twice, you have successfully added the device to a scene.
NOTE: If the red LED emits one long, steadily, blink, you have pressed an invalid key or the device has not been successfully added to the scene. Repeat steps 1-7 if this occurs.

Removing a Light (Device) / Node from a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press REMOVE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press a digit (1-9) for the scene you wish to remove from the device. Press SHIFT and the digit 1-9 if you are removing devices scenes 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device that you wish to remove.
6. When the green LEDs blinks twice, you have successfully removed the device from the scene.
NOTE: If the red LED emits one long, steadily, blink, you have pressed an invalid key or the device has not been successfully removed from the scene. Repeat steps 1-6 if this occurs.

Deleting a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press REMOVE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press a digit (1-9) for the scene you wish to delete. Press SHIFT and the digit 1-9 if you are deleting scenes 10 through 18. (Green LED blinks rapidly)
5. When the green LEDs blinks twice, you have successfully deleted the scene from your home network.

NOTE: If the red LED emits one long, steadily, blink, you have pressed an invalid key or the scene has not been successfully deleted. Repeat steps 1-5 if this occurs.
INTRODUCTION
Thank you for purchasing the GE SmartHome® Remote. Your home control network can include up to 32 wireless lighting enabled devices. This remote allows you to control up to 18 wireless Z-Wave devices with one easy-to-use, compact unit. You can also set up and control up to 18 groups of lights as well as 18 scenes for total control of your home. Each device in your system and each scene can include up to 32 wireless devices. Lights can be included in multiple groups. Scenes can include lights from different groups.

Please note: The terms “Device”, “Node” and “Light” all refer to an individual Z-Wave enabled device in your home control network and are interchangeable within the context of these instructions.

If this remote is used as the primary controller, you must use it to create your control network. You can use your remote control to turn off wireless Z-Wave lighting control network, however, only one remote will act as the primary controller. The primary controller must be used to add or delete devices (nodes) from your network. All other remotes are used to control secondary and can be used to create groups and/or scenes and control your lighting however secondary remotes cannot add or delete devices from your control network.

NOTE: This product can be operated in one 2-Z-Wave network with 2-Z-Wave certified devices from other manufacturers and/or other applications. The different listening windows within the network can act as separate networks regardless of vendor.

For best results, please read and perform all the remaining instructions before using the remote. Keep this guide for future reference.

INSTALLING BATTERIES
Three "AAA" batteries (not included) are required from your remote control.

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key the device has not been successfully removed from your control network. Repeat steps 1-5 if this occurs.

DELETING A DEVICE SLIGHT / NODE FROM YOUR NETWORK
To reset a device to its factory default, you must delete it from the network. To delete the device from your network, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press LIGHT once. (Green LED blinks rapidly)
4. Press and release the button for the device it sends its information to the remote and receives information from the remote.
5. When the green LED blinks twice, you have successfully deleted the device from your home network.

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key or the device has not been successfully deleted from your remote network. Repeat steps 1-5 if this occurs.

CONTROLLING INDIVIDUAL LIGHTS (DEVICES / NODES)
You can control a light's brightness level. The operation of a specific device varies by product. Refer to the manual for that particular device.

1. Press and release the LIGHT key to put the remote into “Individual Light Control” mode. (Red LED blinks rapidly)
2. Press DELETE once. (Red LED blinks once)
3. Press LIGHT once. (Green LED blinks rapidly)
4. Press and release the button for the device it sends its information to the remote and receives information from the remote.
5. When the green LED blinks twice, you have successfully added the device to your group.

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key or the device has not been successfully added to your group. Repeat steps 1-3 if this occurs.

Removing a Device (Light / Node) from a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press and release the button for the device you wish to add. (Red LED blinks once)
5. Press LIGHT once. (Green LED blinks rapidly)

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key or the device has not been successfully removed from your group. Repeat steps 1-3 if this occurs.

Removing a Device (Light / Node) from a Group
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press GROUP once. (Red LED blinks once)
4. Press a digit (1-18) to remove a device from 10 through 18. (Green LED blinks rapidly)

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key or the device has not been successfully removed from your group. Repeat steps 1-3 if this occurs.

Adding a Device (Light / Node) to a Group
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press ADD once. (Red LED blinks once)
3. Press LIGHT once. (Green LED blinks rapidly)

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key or the device has not been successfully added to your group. Repeat steps 1-3 if this occurs.

NOTE: In order to control the lights, they must be Z-wave enabled and you must first add them to your network. To add a device to your home network without assigning it to a specific number, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press ADD once. (Red LED blinks once)
3. Press LIGHT once. (Green LED blinks rapidly)

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key or the device has not been successfully added to your group. Repeat steps 1-3 if this occurs.

Adding a Light (Device / Node) to Your Remote
1. Key and key setup until both the red and green LEDs blink twice.
2. Press REMOVE once. (Red LED blinks once)
3. Press LIGHT once. (Red LED blinks once)
4. Press a digit (1-18) if you wish to remove. Press SHIFT and the digit (1-18) if you are removing devices 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device so that it sends its information to the remote and receives information from the remote.
6. When the green LED blinks twice, you have successfully added the device to your remote control.

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key or the device has not been successfully added to your remote. Please make sure the remote is within two feet of the device and try again.

REMOVING AN INDIVIDUAL DEVICE LIGHT / NODE FROM YOUR REMOTE
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press and release the button for the device you wish to remove. Press SHIFT and the digit (1-18) if you are removing devices 10 through 18. (Green LED blinks rapidly)
5. When the green LED blinks twice, you have successfully removed the device from your remote control.

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key or the device has not been successfully removed from your remote. Repeat steps 1-7 if this occurs.

Deleting a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press a digit (1-18) for the scene you wish to remove. Press SHIFT and the digit (1-18) if you are removing scenes 10 through 18. (Green LED blinks rapidly)
5. When the green LED blinks twice, you have successfully deleted the scene from your remote control.

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key or the device has not been successfully removed from the scene. Repeat steps 1-7 if this occurs.

Removing a Light (Device / Node) from a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press REMOVE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press a digit (1-18) for the scene you wish to remove. Press SHIFT and the digit (1-18) if you are removing scenes 10 through 18. (Green LED blinks rapidly)
5. When the green LED blinks twice, you have successfully deleted the device from the scene.

NOTE: If the red LED emits one long, steady blink you have pressed an invalid key or the device has not been successfully removed from the scene. Repeat steps 1-7 if this occurs.

Deleting a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press REMOVE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press a digit (1-18) for the scene you wish to delete. Press SHIFT and the digit (1-18) if you are deleting scenes 10 through 18. (Green LED blinks rapidly)
5. When the green LED blinks twice, you have successfully deleted the device from the scene.
Thank you for purchasing the GE SmartHome™ Remote. Your home control network can include up to 232 Z-Wave enabled devices. This remote allows you to control up to 18 individual 2-Wave devices with one easy-to-use, compact unit.

**CAUTION**

- Use only fresh batteries of the required and specified type.
- Do not mix old and new batteries or different types of batteries.

**WARNING**

- Do not burn or disassemble the device.
- Dispose of old batteries promptly and properly.

**NOTE:**

- This product can be operated in one 2-Wave network with 2-ZWave certified devices from other manufacturers and/or other applications. The different listening zones within the network can act as separate regions regardless of vendor.

For best results, please read and perform all the remaining instructions before using the remote. Keep this guide for future reference.

**INSTALLING BATTERIES**

Three "AAA" Alkaline batteries (not included) are required.

**NOTES ON NETWORK MANAGEMENT:**

- Add a node, group or scene can also be referred to as Include a node, group or scene. Remove a node, group or scene can also be referred to as Exclude a node, group or scene.

**Adding a Device (Node / Light) to the Network**

To add a device to your remote, perform the following steps:

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press a digit (1-9) for the device location you wish to add. (Red LED blinks once)
3. Press LIGHT once. (Red LED blinks once)
4. Press LIGHT again. (Green LED blinks rapidly)
5. Press the button on the device so that it sends its information to the remote and receives information from the remote.
6. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your home network.

**Removing a Device (Node / Light) from the Network**

To remove a device from your remote, perform the following steps:

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press a digit (1-9) for the device location you wish to remove. (Red LED blinks once)
3. Press LIGHT once. (Red LED blinks once)
4. Press LIGHT again. (Green LED blinks rapidly)
5. Press the button on the device so that it sends its information to the remote and receives information from the remote.
6. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully removed from your home network.

**Setting Up and Controlling a Group**

You can create a collection of devices/light/groups that you can control as a single task or mood lighting. You can set up a maximum of 18 scenes, containing up to 32 Z-Wave devices. Lights can be included in any scene.

**Setting Up Scenes**

A scene is a single device or group of devices that can be preset to turn on or off to a previously specified brightness level setting for example, brightness level scenes. Scenes are ideal for task or mood lighting. You can set up a maximum of 18 scenes, containing up to 32 devices per scene. Scenes can include lights from different groups.

**Adding a Light (Device) / Node to a Scene**

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press ADD once. (Red LED blinks once)
3. Press LIGHT once. (Red LED blinks once)
4. Press LIGHT again. (Green LED blinks rapidly)
5. Press the button on the device so that it sends its information to the remote and receives information from the remote.
6. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your home network.

**Deleting a Scene**

To control a group, perform the following steps:

1. Press SHIFT and press the digit (1-18) for the group you wish to delete. Press SHIFT and the digit (1-18) if you are removing devices from scenes 10 through 18. (Green LED blinks rapidly)

6. When the green LEDs blinks twice, you have successfully deleted the device from your home network.

**Removing a Device (Node / Light) from a Scene**

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press REMOVE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press a digit (1-18) for the scene you wish to remove from the device. Press SHIFT and the digit (1-18) if you are removing devices from scenes 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device so that it sends its information to the remote and receives information from the remote.
6. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully removed from the scene. Repeat steps 1-7 if this occurs.

**Controlling a Group**

To control a group, perform the following steps:

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press SHIFT and the digit (1-18) for the group you wish to control. Press SHIFT and the digit (1-18) if you are controlling groups 10 through 18. (Green LED blinks once)

5. Press the button on the device so that it sends its information to the remote and receives information from the remote.
6. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully deleted from the scene. Repeat steps 1-7 if this occurs.

**Setting Up and Controlling a Group**

You can create a collection of devices/light/groups that you can control as a single task or mood lighting. You can set up a maximum of 18 groups. Each group can contain up to 32 Z-Wave devices. Lights can be included in any group.

**Setting Up Groups**

A group is a single device or group of devices that can be preset to on or off to a previously specified brightness level setting for example, brightness level groups. Groups are ideal for task or mood lighting. You can set up a maximum of 18 groups, containing up to 32 devices per group. Groups can include lights from different devices.

**Adding a Group**

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press ADD once. (Red LED blinks once)
3. Press LIGHT once. (Red LED blinks once)
4. Press LIGHT again. (Green LED blinks rapidly)

4. If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully controlled individually.

5. When the red LED blinks twice, you have successfully added the device to your home network.

6. The device can now be added to Groups and/or Scenes.

**NOTE:**

- If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your home network. Please make sure the remote is within two feet of the device and try again.

**Adding a Light (Device) / Node to a Scene**

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press SHIFT and the digit (1-18) for the scene you wish to add. Press SHIFT and the digit (1-18) if you are adding devices to scenes 10 through 18. (Green LED blinks rapidly)

6. When the green LEDs blinks twice, you have successfully added the device to your home control network.

**NOTE:**

- If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your home network.

7. Adjust the brightness level on the device within 30 seconds/refer to the manual for the device.

**Removing a Group**

To control a group, perform the following steps:

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press SHIFT and the digit (1-18) for the group you wish to delete. Press SHIFT and the digit (1-18) if you are deleting groups 10 through 18. (Green LED blinks rapidly)

6. When the green LEDs blinks twice, you have successfully removed the device from your home network.

**NOTE:**

- If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your home network.

7. Press the button on the device to turn on or off. Blinks pause briefly, blinks once and then resumes blinking rapidly, indicating that the remote is pending the button press (bracket diagram indicating the device).
INTRODUCTION
Thank you for purchasing the GE SmartHome® Remote. Your home control network can include up to 232 Z-Wave enabled devices. This remote allows you to control up to 18 individual Z-Wave devices with one easy-to-use, compact unit. You can also set and control up to 18 groups of lights and up to 32 scenes for those of you who enjoy your lighting. Each device, each group, and each scene can include up to 32 Z-Wave devices. Lights can be included in multiple groups. Scenes can include lights from different groups.

Please note: The terms “Device”, “Node” and “light” all refer to an individual Z-Wave enabled device in your home control network and are interchangeable within the context of these instructions.

If this remote is used as the primary controller, you must install it to create your control network. You can use this remote to control your Z-Wave lighting control network, however, only one remote will act as the primary controller. The primary controller must be used to add or delete devices/light/nodes from your network. All other remotes in your network can be considered secondary and can be used to create groups and/or scenes and control your lighting however secondary remotes cannot add or delete devices from your control network.

NOTE: This product can be operated in one Z-Wave network with 2-ZWave certified devices from other manufacturers and/or other applications. The different listening tones within the network can act as separate radio islands.

For best results, please read and perform all the remaining instructions before using the remote. Keep this guide for future reference.

INSTALLING BATTERIES
Three “AAA” alkaline batteries (not included) are required.

FUNCTIONAL OVERVIEW

DELETING A DEVICE / NODE FROM YOUR NETWORK
To reset a device to its factory default, you must delete it from the network. To delete the device from your network, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press LIGHT once. (Green LED blinks rapidly)
4. Press and release the button on the remote until it sends its information to the remote and receives information from the remote.
5. When the green LED blinks twice, you have successfully deleted the device from your home network.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully deleted from your home network. Repeat steps 1-5 if this occurs.

CONTROLLING INDIVIDUAL LIGHTS (DEVICES / NODES)
You can control a light to turn on or off, or change its brightness level. The

CONTROLLING A LIGHT / DEVICE

2. Press LIGHT once. (Red LED blinks once)
3. Press LIGHT once. (Green LED blinks rapidly)
4. Press and release the button on the remote until it sends its information to the remote and receives information from the remote.
5. When the green LED blinks twice, you have successfully deleted the device from your home network.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully deleted from your home network. Repeat steps 1-5 if this occurs.

CONTROLLING GROUPS

5. Press the button on the device so that it sends its information to the remote and receives information from the remote.

6. When the green LED blinks twice, you have successfully added the device to your home network.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your home network. Please make sure the remote is within two feet of the device and try again.

Removing an Individual Device (Light / Node) from Your Remote
1. Press and hold SETUP until the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press LIGHT once. (Red LED blinks once)
4. Press the button on the device that you wish to remove. Press DELETE and the digit 1-18 if you are removing devices 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device that it sends its information to the remote and receives information from the remote.
6. When the green LED blinks twice, you have successfully deleted the device from your remote.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your home network. Please make sure the remote is within two feet of the device and try again.

Removing a Scene
1. Press and hold SCENE until the red and green LEDs blink twice.
2. Press REMOVE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press the digit 1-18 for the scene you wish to remove. Press DELETE and the digit 1-18 if you are removing scenes 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device that you wish to remove. Press DELETE and the digit 1-18 if you are removing devices 10 through 18. (Green LED blinks rapidly)
6. When the green LED blinks twice, you have successfully deleted the device from your home network.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully deleted from the scene. Repeat steps 1-7 if this occurs.

Removing a Scene (Device / Node) from a Scene
1. Press and hold SETUP until the red and green LEDs blink twice.
2. Press REMOVE once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks once)
4. Press the digit 1-18 for the device you wish to remove. Press DELETE and the digit 1-18 if you are removing devices 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device that you wish to remove. Press DELETE and the digit 1-18 if you are removing devices 10 through 18. (Green LED blinks rapidly)
6. When the green LED blinks twice, you have successfully deleted the device from the scene.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully removed from the scene. Repeat steps 1-7 if this occurs.

CAUTION
Battery Use And Safety
• Only use fresh batteries of the required size and recommended type.
• Do not mix old and new batteries or different types of batteries.
• If you do not plan to use the remote for an extended period, remove the batteries. They can leak chemicals that can destroy electronic parts.
• Dispose of old batteries promptly and properly. Do not burn or bury them.

Installing a Device (Light / Node) to a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press LIGHT once. (Red LED blinks once)
3. Press LIGHT once. (Green LED blinks rapidly)
4. Press and release the button on the device to which you wish to add the scene. Press DELETE and the digit 1-18 if you are adding devices 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device that it sends its information to the remote and receives information from the remote.

6. When the green LED blinks twice, you have successfully added the device to the scene.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your remote. Please make sure the remote is within two feet of the device and try again.

Adding a Scene (Device / Node) to a Scene
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press LIGHT once. (Red LED blinks once)
4. Press the button on the device that you wish to add the scene to. Press DELETE and the digit 1-18 if you are adding devices 10 through 18. (Green LED blinks rapidly)
5. Press the button on the device that it sends its information to the remote and receives information from the remote.
6. When the green LED blinks twice, you have successfully added the device to the scene.

NOTE: If the red LED emits one long, steady blink, you have pressed an invalid key or the device has not been successfully added to your remote. Please make sure the remote is within two feet of the device and try again.
CONTROLLING SCENES
To control a scene, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press ADD once. (Red LED blinks once)
3. Press the button on the device you wish to include.
4. The device will blink twice.
5. When the green LED blinks twice, you have successfully added the device.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully added to the group. Repeat steps 1-5 if this occurs.

NOTES ABOUT COPYING INFORMATION TO OR FROM THE REMOTE CONTROL:
Create Secondary Controller, Primary Controller Shift and Controller Copy Receipt are all-used methods in the process of Replication. Please refer to the respective sections for Create Secondary Controller, Primary Controller Shift and Controller Copy for instructions on how to replicate from and/or to the remote.

CREATE SECONDARY CONTROLLER
SENDING DEVICE AND NETWORK INFORMATION TO A SECONDARY REMOTE
You can add a secondary remote to your network, and copy your primary remote’s device and network information to it. To send device and network information to a secondary remote, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press ALL once. (Green LED blinks rapidly)
4. Press the button on the device that you wish to remove from All Control.
5. The green LED blinks twice. You have successfully deleted the device from All Control.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from All Control.

DELETE DEVICES LIGHTS / NODES FROM ALL CONTROL
If desired, specific devices can be setup to ignore the All-On and All-Off commands.
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press ALL once. (Green LED blinks rapidly)
4. Press the button on the device that you wish to remove from All Control.
5. Enter on the numeric keypad. (Either on/off)
6. Press and hold SETUP until both the red and green LEDs blink twice.
7. Press DELETE once. (Red LED blinks once)
8. Press ALL once. (Green LED blinks rapidly)
9. Press the button on the device that you wish to remove from All Control.
10. The green LED blinks twice. You have successfully deleted the device from All Control.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from All Control.

The factory default setting for GE-Z wave devices is to be included in All-On and All-Off control. The following section should only be needed if the device has been deleted from AllControl.

NOTE: If the red LED emits one long, steady blink, the network has not been successfully reset. Repeat steps 1-3 if this occurs.

RESETTING YOUR NETWORK
To reset your remote network, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Enter 6 2 3 on the numeric keypad.
3. Press the button on the device that you wish to reset. The network will reset. The red LED will blink twice.
4. Press and hold SETUP until the red and green LEDs blink twice.
5. Put the target (secondary) remote into programming mode so that it sends its network information to the primary remote. The primary remote then copies the network information to the new secondary remote. Refer to the user manual for the secondary remote for more information.
6. When the green LED blinks twice, you have successfully transferred the information.
7. Add devices, groups, and scenes to the new secondary remote as needed.

SENDING NETWORK INFORMATION TO A SECONDARY REMOTE
You can add a secondary remote to your network, and transfer your primary remote’s network information to it. To transfer network information to a secondary remote, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Enter 6 2 3 on the numeric keypad.
3. Put the target (secondary) remote into programming mode so that it sends its information to the remote. The primary remote then copies the network information to the new secondary remote. Refer to the user manual for the primary remote for more information.
4. When the green LED blinks twice, you have successfully transferred the information.
5. Add devices, groups, and scenes to the new secondary remote as needed.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-5 if this occurs.

PRINCIPAL CONTROLLER SHIFT (TRANSFER)
You can transfer your remote’s network information to another remote, so as to become the new primary remote. You can do this in two ways: either transferring all information, or just transferring network information.

Transferring All Network and Remote Information
1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 6 2 3 on the numeric keypad.
4. Put the target (new primary) remote into programming mode so that it sends its information to the source (old primary) remote, as well as receive information from that remote.
5. When the green LED blinks twice, you have successfully transferred the information.

Transferring Only Network Information
1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 6 2 3 on the numeric keypad.
4. Put the target (new primary) remote into programming mode so that it sends its information to the source (old primary) remote, as well as receive information from that remote.
5. When the green LED blinks twice, you have successfully transferred the information.
6. The source remote is converted into a secondary remote and can not be used to add or delete devices from the network.
7. Add, delete, and rearrange devices and scenes to the new primary remote as needed.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-4 if this occurs.

COPYING NETWORK AND/or DEVICE INFORMATION TO THIS REMOTE
This feature allows you to recover network information from the first remote to become a new primary or secondary remote.

WARRANTY
Jasco Products Company
545600
Object is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Z-Wave devices controlling appliances should be removed from “All” control setting.

Z-Wave enabled devices should not be used to supply power to medical or life support equipment.

Wireless Range: This device complies with the 2.4GHz standard of open-air, line of sight transmission distances of 65 feet. Actual product transmission range home depends on the number of walls between the remote controller and the destination device, the type of construction and the number of Z-Wave enabled devices installed in the control network. Z-Wave enabled devices act as a signal repeater and multiple devices result in more possible transmission routes which help eliminate “RF dead-spots”.

Things to consider regarding RF range:
• One wall of obstructed io: refrigerator, big-screen TV, etc. between the remote and the destination device will reduce the maximum range of 65 feet by approximately 15-30%.
• Brick, tile or concrete walls block more of the RF signal than walls made of wooden stud and plasterboard (drywall).
• Multi-story, or metal frame or metal box walls will only reduce the range by approximately 20-25% since the metal blocks a large part of the RF signal.

For questions:
• e-mail support@jascoproducts.com
• or call technical support at 1-800-654-8483

Jasco Products Company
545600
IC: 6924A-45600
Made in China

FCC NOTICE
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, including interference that may cause undesired operation of the device.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been type 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 such 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 manual, may cause interference to radio communications.

**WARNIG!**

- FIRE OF RISK
- ELECTRICAL SHOCK OF RISK
- FIRE OF BURNS

Exercise extreme caution when using Z-Wave devices to control appliances. Opening or moving a Z-Wave device may be in a different room than the controlled appliance, also an unintentional activation may occur if the wrong button on the remote is pressed. Z-Wave devices may be automatically powered on or disconnected by timers even if no button is pressed. Depending on the appliance, these unintended or unintentional operations could possibly result in a hazardous condition. For these reasons we recommend the following:
1. Assign a Z-Wave controlled appliance to device numbers 10 - 18 on the GE remote. The likelihood of unintentional turning on the appliance will be reduced significantly because the “shift” button will need to be pressed before pressing device numbers 10-18.
2. Z-Wave devices controlling appliances should be removed from “All” control setting.
3. Discontinue to use the “Scene” or “Group” control features.
4. Do Not use Z-Wave devices to control electric heaters or any other appliances which may present a hazardous condition due to unintended or unintended or automatic power on or off.

Z-Wave is a registered US trade mark or Zevios A/S

Z-Wave enabled devices should not be used to supply power to medical or life support equipment.
1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 9 6 9 on the numeric keypad.
4. Press and hold SETUP until both the red and green LEDs blink twice.
5. Put the button on the device that you wish to remove from All Control.
6. Press and hold SETUP until both the red and green LEDs blink twice.
7. The green LED blinks twice. You have successfully deleted the device from All Control.

Creating Secondary Controller, Primary Controller Shift and Controller Copy Receipt

COPYING NETWORK AND/OR DEVICE INFORMATION TO THIS REMOTE

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 9 6 2 on the numeric keypad.
4. Put the target (secondary) remote into programming mode so that it sends its information to the primary remote, as well as receives information from that remote. The primary remote then copies the network information to the new secondary remote. Refer to the user manual for the secondary remote for more information.
5. When the green LED blinks twice, you have successfully transferred the information.

Sending Device and Network Information to a Secondary Remote

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 9 6 2 on the numeric keypad.
4. Put the target (secondary) remote into programming mode so that it sends its information to the target (new primary) remote, as well as receive information from the primary remote. Refer to the user manual for the new primary remote for more information.
5. When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

You can add a secondary remote to your network, and transfer your primary remote’s network information to it. To send device and network information to a secondary remote, perform the following steps:
1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 9 6 6 2 on the numeric keypad.
4. Put the target (second) remote into programming mode so that it sends its information to the primary remote, as well as receives information from the primary remote. The primary remote then copies the network information to the new secondary remote. Refer to the user manual for the secondary remote for more information.
5. When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.

Sending Network Information to a Secondary Remote

To turn all devices on or off, perform the following steps:
1. Press the digit key for the scene you wish to control (1-9). Press SHIFT and the 2.

The factory default setting for GE Z-Wave devices is to be included in All-On and deleted from the group. Repeat steps 1-5 if this occurs.

Deleting Devices (Lights / Nodes) On or Off

To turn all devices on or off, perform the following steps:
1. Press ALL once. (Red LED blinks once)
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 9 6 2 on the numeric keypad.
4. Put the target (second) remote into programming mode so that it sends its information to the primary remote, as well as receives information from the primary remote. The primary remote then copies the network information to the new secondary remote. Refer to the user manual for the secondary remote for more information.
5. When the green LED blinks twice, you have successfully transferred the information.

Activating your Z-Wave remote via the numeric keypad

Enter 9 6 6 2 on the numeric keypad.

Press and hold SETUP until both the red and green LEDs blink twice.

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 9 6 2 on the numeric keypad.
4. Put the target (second) remote into programming mode so that it sends its information to the primary remote, as well as receives information from the primary remote. The primary remote then copies the network information to the new secondary remote. Refer to the user manual for the secondary remote for more information.
5. When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully added to the group. Repeat steps 1-5 if this occurs.

NOTES ABOUT COPYING INFORMATION TO OR FROM THE REMOTE CONTROL:

Create Secondary Controller, Primary Controller Shift and Controller Copy Receipt are all methods used in the process of Replication. Please refer to the respective sections for Create Secondary Controller, Primary Controller Shift and Controller Copy for instructions on how to replicate and/or from the remote.

Sending Network Information to a Secondary Remote

To turn all devices on or off, perform the following steps:
1. Press the digit key for the scene you wish to control (1-9). Press SHIFT and the 2.

When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.

Press the digit key for the scene you wish to control (1-9). Press SHIFT and the 2.

When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.

Press the digit key for the scene you wish to control (1-9). Press SHIFT and the 2.

When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.

Press the digit key for the scene you wish to control (1-9). Press SHIFT and the 2.

When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.

Press the digit key for the scene you wish to control (1-9). Press SHIFT and the 2.

When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.

Press the digit key for the scene you wish to control (1-9). Press SHIFT and the 2.

When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.

Press the digit key for the scene you wish to control (1-9). Press SHIFT and the 2.

When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.

Press the digit key for the scene you wish to control (1-9). Press SHIFT and the 2.

When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.

Press the digit key for the scene you wish to control (1-9). Press SHIFT and the 2.

When the green LED blinks twice, you have successfully transferred the information.

Sending Network Information to a Secondary Remote

Add devices, groups, and scenes to the new secondary remote as needed.
CONTROLLING SCENES

To control a scene, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press ADD once. (Red LED blinks once)
3. Press SCENE once. (Red LED blinks rapidly)
4. Press the button on the device that you wish to control. The green LED blinks once.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully added to the group. Repeat steps 1-5 if this occurs.

NOTES ABOUT COPYING INFORMATION TO OR FROM THE REMOTE CONTROL:
Create Secondary Controller, Primary Controller Shift and Controller Copy Receives are all methods used in the process of Replication. Please refer to the respective sections for Create Secondary Controller, Primary Controller Shift and Controller Copy instructions on how to replicate and/or from the remote.

CREATE SECONDARY CONTROLLER

SENDING DEVICE AND NETWORK INFORMATION TO A SECONDARY REMOTE
You can add a secondary remote to your network, and copy your primary remote's device and network information to it. To send device and network information to a secondary remote, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press and hold SETUP on the primary GE SmartHome™ remote until both the red and green LEDs blink twice.
4. Press the button on the device that you wish to remove from All Control. The green LED blinks twice. You have successfully deleted the device from All Control.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from All Control.

DELETING DEVICES (LIGHTS / NODES) FROM ALL CONTROL
If desired, specific devices can be set to ignore the All-On and All-Off commands.

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press ALL once. (Green LED blinks rapidly)
4. Press the button on the device that you wish to remove from All Control.

The green LED blinks twice. You have successfully deleted the device from All Control.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from the group. Repeat steps 1-5 if this occurs.

ADDING DEVICES (LIGHTS / NODES) TO ALL CONTROL
The factory default settings for GE Z-Wave devices is to be included in All-On and All-Off control. The following section should only be needed if the device has been deleted from All Control.

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter # 6 7 on the numeric keypad.
4. Put the source remote into programming mode so that it sends its information to the GE SmartHome™ remote, as well as receives information from this remote.
5. When the green LED blinks twice, you have successfully transferred the information.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-5 if this occurs.

RECOVERING NETWORK INFORMATION
To have your remote recover network information, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Enter # 6 6 1 on the numeric keypad.
3. Place the two remotes near each other.
4. Press and hold SETUP until both the red and green LEDs blink twice.
5. Follow the directions for Create Secondary Controller, Primary Controller Shift and Controller Copy instructions on how to replicate and/or from the remote.

If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-6 if this occurs.

If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-6 if this occurs.

PRIMARY CONTROLLER SHIFT (TRANSFER)

You can transfer all of your remote's information to another remote, so as to become the new primary remote. You can do this in two ways: either transferring all information, or just transferring network information.

Transferring All Network and Remote Information

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter # 6 6 1 on the numeric keypad.
4. Put the target (new primary) remote into programming mode so that it sends its information to the source (old primary) remote, as well as receive information to the new primary remote.

The source remote is converted into a secondary remote and can not be used to add or delete devices from the network.

5. Add devices, groups, and scenes to the new primary remote as needed.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-6 if this occurs.

COPYING NETWORK AND/OR DEVICE INFORMATION TO THIS REMOTE
You can send device and network information from the first remote to and become a new primary or secondary remote.

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter # 6 6 2 on the numeric keypad.
4. Put the target (new primary) remote into programming mode so that it sends its information to the source (old primary) remote, as well as receive information from that remote.
5. When the green LED blinks twice, you have successfully transferred the information.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-6 if this occurs.

Sending primary controller shift.

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter # 6 6 1 on the numeric keypad.
4. Press the button on the device that you wish to remove from All Control. The green LED blinks twice. You have successfully deleted the device from All Control.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from the group. Repeat steps 1-5 if this occurs.

DELETE Button (used for All-On/All-Off control)

1. Press the DELETE button once. (Red LED blinks once)
2. The following section should only be needed if the device has not been successfully transferred.

The LED will blink once, and may also have other rights which vary from state to state. If the unit is transferred, it will void the user's right to operate this equipment.

WARNING: Do Not Use with 900MHz frequency range.

Jasco Products Company

13 FCC NOTICE

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

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, or on the user should:
• relocate or realign the receiving antenna.
• increase the separation between the device and the receiver.
• any changes or modifications to the equipment without Jasco’s express consent will void the user’s right to operate this equipment.

FCC ID: MSJ54660

WARNING: Jasco Products warranty this product to be free from manufacturing defects for a period of two years from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to compensation for any incidental or consequential damage to other products that may be used with this product. This warranty is in lieu of all other warranties, expressed or implied. Some states do not allow limitations on how long an implied warranty lasts so the above limitation may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state. If the unit should prove defective within the warranty period, return prepaid with detailed proof of purchase to Jasco Products Company

10 Compliance with IC Rules and Regulations

IC: 69324-A45600

Jasco Products Company

Model: 54660

Object is subject to the following two conditions:
(1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

• FIRE
• ELECTRICAL SHOCK
• BURNS

Exercise extreme caution when using 2-Wave devices to control appliances.

Openings on the 2-Wave device may be in a different room than the controlled appliance, also an unintentional activation may occur if the wrong button on the remote is pressed. 2-Wave devices may automatically be powered on due to times everyone is away from home, or the appliance is located in a different room.

Danger: Do not attempt to open any Z-Wave enabled appliance without completely reading the owner’s manual before performing any actions.

1. Assign 2-Wave controlled appliance to device number 10 - 19 on the GE remote. The likelihood of unintentionally turning on the appliance will be reduced significantly because the “shift” button will need to be pressed before pressing device numbers 10-19.
2. 2-Wave devices controlling appliances should never be left unattended.
3. 2-Wave devices controlling appliances should never be used on appliances that could result in a hazardous condition.
4. Do Not Use 2-Wave devices to control electric heaters or any other appliances which may present a hazardous condition due to undetermined or unintentional or automatic power on conditions.

For questions:
email support@jascoproducts.com
or call technical support at 1-800-634-8438

Jasco Products Company

Made in China

2ASBD-Z 9/2009

Z-Wave is a registered US trademark or Zenysis A/S

Z-Wave enabled devices should not be used to supply power to equipment not intended for use on the Z-Wave network. These products are intended to be used on the On/Off status of lighting devices and control support equipment.

Z-Wave is a trademark of the Z-Wave alliance, a consortium of companies world-wide whose mission is to developing interoperable wireless control for the home and building automation market. Z-Wave technology is designed to use the 908-928 MHz Industrial, Scientific, and Medical (ISM) band and operates with a variety of networking and security technologies to ensure robustness, reliability and security of the Z-Wave network.

Z-Wave equipment is designed to be used with products equipped for Z-Wave technology. Z-Wave technology can be integrated alongside 802.11 wireless networking and Ethernet technology. Z-Wave technology is designed to coexist with these technologies to provide a complete solution for the smart home.

Wiring and/or Z-Wave enabled appliance installation must be performed by a licensed electrician. All wiring must be in accordance with national and local electrical codes and regulations.

Z-Wave devices may be used to control appliances to one or more of the following functions:

• lights
• wall switches and dimmers
• garage doors
• electric motors
• thermostats

Z-Wave technology is a low power wireless networking protocol that is designed to avoid unintentional operation of the device.

• The unit is intended for indoor use only.
• The appliance is electrically rated to operate within a maximum 110-120VAC and 60Hz at maximum of 2400W.

Wall mounted Z-Wave devices installed in metal junction boxes will suffer a significant loss of range (approximately 20-25%) since the metal box blocks a large part of the RF signal.

Things to consider regarding RF range:

• Each wall of metal box is a large source of RF signal which covers a broad area.
• Brick, tile or concrete walls block significant RF signal.
• Metal stud walls and plasterboard (drywall) will absorb some of the RF signal.
• Wood construction and the number of Z-Wave enabled devices installed in the control network will affect the range. Signal repeaters and multiple devices result in more transmission routes which help eliminate ‘RF dead spots’.

Z-Wave home control networks are designed to work properly with other ZigBee and Z-Wave enabled devices. Z-Wave technology is designed to coexist with these technologies to provide a complete solution for the smart home.

Z-Wave technology is intended to provide a secure network for home control using the 900MHz frequency range. Z-Wave technology uses the 900MHz frequency range to provide a secure network for home control using the 900MHz frequency range. Z-Wave technology uses the 900MHz frequency range to provide a secure network for home control using the 900MHz frequency range.
NOTE: If the red LED emits one long, steady blink, the device has not been successfully added to the group. Repeat steps 1-5 if this occurs.

NOTES ABOUT COPYING INFORMATION TO OR FROM THE REMOTE CONTROL:

CREATE SECONDARY CONTROLLER

SENDING DEVICE AND NETWORK INFORMATION TO A SECONDARY REMOTE

To add a secondary remote to your network, and copy your primary remote’s device and network information to it. To send device and network information to a secondary remote, perform the following steps:

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Place the two remotes near each other.
3. Press and hold SETUP until the primary remote’s green LED blinks rapidly.
4. Press the button on the device that you wish to copy from the primary remote.
5. When the green LED blinks twice, you have successfully transferred the information.

If desired, specific devices can be setup to ignore the All-On and All-Off command. To do so, perform the following steps:

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Place the two remotes near each other.
4. Press and hold SETUP until both the red and green LEDs blink twice.
5. Enter 6 2 2 on the numeric keypad.
6. Put the target (secondary) remote into programming mode so that it sends its information to the primary remote, as well as receives information from it. The primary remote then copies the network information to the new secondary remote. Refer to the user manual for the secondary remote for more information.
7. When the green LED blinks twice, you have successfully transferred the information.
8. Adds devices, and groups, and new secondary remote as needed.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-5 if this occurs.

PRIMARY CONTROLLER SHIFT (TRANSFER)

You can transfer all of your remote's information to another remote, so as to become the new primary remote. You can do this in two ways, either transferring all information, or just transferring network information.

Transferring All Network and Remote Information

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 9 6 6 1 on the numeric keypad.
4. Put the target (new primary) remote into programming mode so that it sends its information to the source (old primary) remote, as well as receive information from it.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-5 if this occurs.

Transferring Only Network Information

1. Place two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 9 6 6 2 on the numeric keypad.
4. Put the target (new primary) remote into programming mode so that it sends its information to the source (old primary) remote, as well as receive information from it. The source remote then transfers the network information to the new primary remote. Refer to the user manual for the new primary remote for more information.
5. When the green LED blinks twice, you have successfully transferred the information.
6. The source remote is converted into a secondary remote and can not be used to add or delete devices from the network.
7. Add devices, groups, and new primary remote as needed.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-4 if this occurs.

COPYING NETWORK AND/OR DEVICE INFORMATION TO THIS REMOTE

When copy network information, repeat steps 1-3 from the first remote and become a new primary or secondary remote.

ADDITIONAL HELP

If you have questions:
e-mail support@jascoproducts.com
telephone 1-800-654-8483

For questions:
e-mail support@jascoproducts.com
telephone 1-800-654-8483

Warning: Exercise extreme caution when using Z-Wave devices to control appliances. Operating the Z-Wave device may be in a different room than the connected or controlled appliance, and an unintentional activation may occur if the wrong button on the remote is pressed. Devices may be automatically powered on due to timers, event triggers, and other programmed behavior. Any unintended or unexpected operation of an appliance may cause undesired effects. Always make sure the appliance is fully secured and powered off after each use.

Z-Wave enabled devices should not be used to control appliances that are not intended for use with a Z-Wave device. 

Note: If you are installing Z-Wave enabled devices in a location that is accessible to children or other non-authorized users, consider implementing additional security measures to protect the network from unauthorized access. 

Visit www.z-wavealliance.org for additional information and resources.

Z-Wave is a registered US trademark or Zenysis A/S
Deleting Devices (Lights / Nodes) from All Control

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press either ON or OFF. Any ON or OFF button can be pressed. The green LEDs blink once.
3. When the green LED blinks twice, you have successfully deleted the device from the All Control.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from the All Control.

To turn all devices on or off, perform the following steps:

1. Press ALL ON (Red LED blinks once).
2. Press ALL OFF (Red LED blinks twice).
3. Press the button on the device that you wish to turn on and off.

If desired, specific devices can be setup to ignore the All-On and All-Off commands.

Adding Devices (Lights / Nodes) to All Control

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Press DELETE once. (Red LED blinks once)
4. Press DELETE twice.
5. Press the button on the device that you wish to add from All Control.
6. The green LED blinks twice. You have successfully added the device to All Control.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully added to All Control.

DELETEING DEVICES (LIGHTS / NODES) FROM ALL CONTROL

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press DELETE twice.
4. Press the button on the device that you wish to remove from All Control.
5. The green LED blinks twice. You have successfully removed the device from All Control.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from All Control.

CREATE SECONDARY CONTROLLER

SENDING DEVICE AND NETWORK INFORMATION TO A SECONDARY REMOTE
You can add a secondary remote to your network, and copy your primary remote’s device and network information to it. To send device and network information to a secondary remote, perform the following steps:

1. Press and hold SETUP on the primary remote. The red and green LEDs blink twice.
2. Press and hold SETUP until the red and green LEDs blink twice.
3. Press either ON or OFF. Any ON or OFF button can be pressed. The green LEDs blink once.

When the green LED blinks twice, you have successfully transferred the information.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-5 if this occurs.

If the red LED emits one long, steady blink, you have pressed an invalid key or the All-In/All-Out command was not successful. Repeat steps 1-2 if this occurs.

PREPARING PRIMARY REMOTE

If desired, specific devices can be setup to ignore the All-On and All-Off commands.

NUMBERING KEYPAD

When the green LED blinks twice, you have successfully transferred the information.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from All Control.

PRIMARY CONTROLLER TRANSFER (SHIFT)

You can transfer all of your remote’s information to another remote, so that it becomes the primary remote. You can do this in two ways: either transferring all information, or just transferring network information.

To transfer all information:

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 9 6 6 1 on the numeric keypad. (Either on/off)
4. Press the button on the device that you wish to include.
5. The green LED blinks twice. You have successfully transferred the information.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-5 if this occurs.

If the red LED emits one long, steady blink, you have successfully transferred the information.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from All Control

To reset your network, perform the following steps:

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Enter 9 6 9 on the numeric keypad.
3. When the green LED blinks twice, you have successfully reset network configuration.
4. Restart all individual devices as instructed in the section on deleting devices from the network.

NOTE: If the red LED emits one long, steady blink, the network has not been successfully reset. Repeat steps 1-3 if this occurs.

FCC NOTICE

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

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

Any changes or modifications to the equipment without Jasco’s express consent may cause the device to fail to comply with the FCC rules, causing the user to lose the right to operate the device.

The range of this product is limited by FCC rules, which do not allow it to be used outdoors. Several factors may reduce the range of this product, including the following:

- The number of walls, doors, and windows between the remote controller and the destination device, the type of construction and the number of Z-Wave enabled devices installed in the control network. Each wireless device and each Z-Wave enabled device acts as a signal repeater and multiple devices result in more possible transmission routes which help eliminate ‘RF dead-spots’.

Things to consider regarding RF range:

- Each wall or obstacle is a: refrigerator, big screen TV, etc. between the remote and the destination device will reduce the maximum range of 65 feet by approximately 35-50%.
- Brick, tile or concrete walls block most of the RF signal, while walls made of wooden studs and plasterboard (drywall) will block only 10-20% of it. The longer the wall, the more signal is lost. A door will reduce the signal range by 20-30%.
- Metal or metal mesh walls can block 90% of the RF signal.

FCC ID: MS456600
Jasco Products Company, Inc
545600

Object is subject to the following two conditions: (1) this device may cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Warranty
Jasco Products warrants this product to be free from manufacturing defects for a period of two years from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to costs associated with its removal or installation. The warranty does not apply to any product that has been damaged by fault user or unauthorized modification or tampering. This warranty extends only to the original consumer purchaser. This warranty is nontransferable. Jasco Products’ liability under this warranty is limited to the repair or replacement of this product. Jasco Products shall not be liable for any incidental or consequential damages. This warranty gives you specific rights, and you may also have other rights which vary from state to state. If the unit should prove defective within the warranty period, return prepaid with dated purchase receipt to:

Jasco Products Company
10 E Memorial Rd.
Oklahoma City, OK 73114

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

Warning!

- Risk of fire
- Risk of electrical shock
- Risk of burns

Exercise extreme caution when using Z-Wave devices to control appliances. Operation of appliances may be in a different room than the controlled appliance, so an unintentional or accidental activation may occur. The maximum range of the Z-Wave remote is limited to 150 feet. Z-Wave devices may automatically be powered on due to times event or a power failure. Depending upon the appliance, these unintended or unintentional operations could possibly result in a hazardous condition. For these reasons, Jasco Products recommends the following:

1. Assign a Z-Wave controlled appliance to the device number 10 - 18 on the GE remote. The likelihood of unintended operation on the appliance will be reduced significantly because the “Shift” button will need to be pressed before pressing device number 10-18.
2. Install devices controlling appliances should remove sensors and buttons to prevent unintentional operation of devices.
3. Do not connect to Z-Wave 2-Wave 3-Wave 4-Wave 5-Wave smart功率 converters.
4. Do Not connect to Z-Wave 2-Wave 3-Wave 4-Wave 5-Wave smart power converters.
5. Do Not connect to Z-Wave 2-Wave 3-Wave 4-Wave 5-Wave smart power converters.
6. Do Not connect to Z-Wave 2-Wave 3-Wave 4-Wave 5-Wave smart power converters.
7. Do Not connect to Z-Wave 2-Wave 3-Wave 4-Wave 5-Wave smart power converters.
8. Do Not connect to Z-Wave 2-Wave 3-Wave 4-Wave 5-Wave smart power converters.
9. Do Not connect to Z-Wave 2-Wave 3-Wave 4-Wave 5-Wave smart power converters.
10. Do Not connect to Z-Wave 2-Wave 3-Wave 4-Wave 5-Wave smart power converters.

Compliance with IC Rules and Regulations
IC: 6924A-45600
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CONTROLLED SCENES
To control a scene, perform the following steps:

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press a number (1-18) or a number of scenes separated by a semicolon to turn on or off all devices in the scene from the old primary remote. The source remote then transfers the network and device information to the new primary remote. Refer to the user manual for the new primary remote for more information.
3. When the green LED blinks twice, you have successfully transferred the information.
4. If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-5 if this occurs.

SENDING NETWORK INFORMATION TO A SECONDARY REMOTE
You can add a secondary remote to your network, and transfer your primary remote's network information to it. To transfer network information to a secondary remote, perform the following steps:

1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Enter 9 & 8 on the numeric keypad.
4. Enter 3, 1, and 0 in the source remote.
5. Enter 4, 4, 1, and 0 in the target remote.
6. Press the button on the device you wish to include.
7. Press ALL once. (Green LED blinks rapidly)
8. Put the target (secondary) remote into programming mode so that it sends its information to the primary remote. You can do this two ways: either transferring all information, or just transferring network information.

Crossing All Devices (Lights / Nodes) On or Off
To turn all devices on or off, perform the following steps:

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press and hold SETUP until both the red and green LEDs blink twice.
4. Enter 9 & 6 on the numeric keypad.
5. Put the target (secondary) remote into programming mode so that it sends its information to the primary remote, as well as receives information from the primary remote. The primary remote then copies the network information to the new secondary remote. Refer to the user manual for the new secondary remote for more information.
6. When the green LED blinks twice, you have successfully transferred the information.
7. Add devices, groups, and scenes to the new secondary remote as needed.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-5 if this occurs.

DELETING DEVICES (LIGHTS / NODES) FROM ALL CONTROL
If desired, specific devices can be ignored in the All-On and All-Off commands.

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press and hold SETUP until both the red and green LEDs blink twice.
4. Enter 9 & 6 on the numeric keypad.
5. Put the target (secondary) remote into programming mode so that it sends its information to the primary remote, as well as receives information from the primary remote. The primary remote then copies the network information to the new secondary remote. Refer to the user manual for the new secondary remote for more information.

WARNING! Exercise extreme caution when using Z-Wave devices to control appliances. Operating a Z-Wave device may be in a different room than the intended appliance, as well as unintentional activation may occur if the wrong button on the remote is pressed. Z-Wave devices may be automatically powered on and be turned on by default by devices. Depending on the appliance, these unintentional or uncontrolled operations could possibly result in a hazardous condition. For these reasons, the following recommendations are recommended:

1. Assign 2-ZWave controller appliance to devices number 10 - 18 on the remote. The likelihood of unintentional operation on the appliance will be greatly reduced because the "Shift" button will need to be pressed before pressing device numbers 10-18.
2. Z-Wave devices controlling appliances should be disabled using the following instructions on how to do this are included in the manual for your GE remote.
3. Jasco Products Company has no control over Z-Wave control appliances.
4. Do Not use Z-Wave devices to control electric heaters or any other appliances which may present a hazardous condition due to unintended or unintentional automatic power on.
CONTROLLING SCENES
To control a scene, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press the scene number on the numeric keypad.
3. The selected scene number will be displayed on the remote.
4. Once the scene is selected, press the button on the device you wish to control.

Deleting Devices/Lights/Nodes from All Control
If desired, specific devices can be set to ignore the All-On and All-Off commands.

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. When the green LED blinks twice, you have successfully deleted the device from the group.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully added to the group. Repeat steps 1-3 if this occurs.

NOTES ABOUT COPYING INFORMATION TO OR FROM THE REMOTE CONTROL:
- Create Secondary Controller: Primary Controller Shift and Controller Copy Request are all methods used in the process of Replication. Please refer to the respective sections for Create Secondary Controller, Primary Controller Shift and Controller Copy for instructions on how to replicate and/or transfer from the remote.

CREATE SECONDARY CONTROLLER
SENDING DEVICE AND NETWORK INFORMATION TO A SECONDARY REMOTE
You can add a secondary remote to your network, and copy your primary remote’s device and network information to it. To send device and network information to a secondary remote, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press the remote number of the secondary remote. (Red LED blinks once)
3. The selected device number will be displayed on the remote.
4. When the green LED blinks twice, you have successfully transferred the information.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-4 if this occurs.

RESETTING YOUR NETWORK
When the green LED will blink twice. You have successfully recovered network information.

1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Put the target (new primary) remote into programming mode so that it sends its information on the numeric keypad.
3. Press and hold SETUP until both the red and green LEDs blink twice.
4. When the green LED blinks twice, you have successfully transferred the information.

5. Add devices, groups, and scenes to the new secondary remote as needed.

SENDING NETWORK INFORMATION TO A SECONDARY REMOTE
You can add a secondary remote to your network, and transfer your primary remote’s network information to it. To transfer network information to a secondary remote, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Put the target (secondary) remote into programming mode so that it sends its information on the numeric keypad, as well as receives information from the primary remote. The primary remote then copies the network information to the new secondary remote. Refer to the user manual for the secondary remote for more information.
3. When the green LED blinks twice, you have successfully transferred the information.

Add devices, groups, and scenes to the new secondary remote as needed.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-4 if this occurs.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from the group.

Do Not Use Z-Wave devices to control electric heaters or any other appliances which may cause undesired operation of the device.

Changing Compliance with IC Rules and Regulations

FCC NOTICE
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, including interference that may cause undesired operation of the device.

The source remote is converted into a secondary remote and can not be used to control or delete devices from the network.

Add devices, groups, and scenes to the new primary remote as needed.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred. Repeat steps 1-4 if this occurs.

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Wireless Range:
This device complies with the Z-Wave standard of open-air, line of sight transmission at distances of 60ft. Actual performance of the home control network depends on the number of walls between the remote controller and the destination device, the type of construction and the number of Z-Wave enabled devices installed in the control network. Each Z-Wave enabled device acts as a signal repeater and multiple devices result in more possible transmission routes which help eliminate "RF dead-spots".

Things to consider regarding RF range:
- Each wall or obstacle (a refrigerator, bookshelf, TV, etc.) between the remote and the destination device will reduce the maximum range of 60 ft by approximately 15-30%.
- Brick, tiles or concrete block walls block more of the RF signal than walls made of wooden studs and plasterboard (drywall).
- The number of metal or metal coated objects in your home may reduce the effective range of your device.
- Metal cabinets, metal-framed windows, steel doors, metal pillars and brick walls can block RF signals.

For questions:
e-mail support@jascoproducts.com
telephone 1-800-654-8483

Jasco Products
Model: 45600

"Object is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."

WARNING:
- FIRE HAZARD
- EMERGENCY ELECTRICAL SHOCK
- FIRE HAZARD
- BURNS

Exercise extreme caution when using Z-Wave devices to control appliances. Operation of the Z-Wave device may be in a different room than the controlled appliance, also an unintentional activation may occur if the wrong button on the remote is pressed. Z-Wave devices may automatically be powered down in case of emergency or if a power outage occurs. Do not operate Z-Wave enabled appliances in water to replicate any of the above limitations may not apply to you. This warranty covers specific rights, and you may also have other rights which vary from state to state. If the unit should prove defective within the warranty period, return prepaid with detailed copy for purchase to:

Jasco Products Company
10 E Memorial Rd.
Oklahoma City, OK 73114

Z-Wave enabled devices should never be used to supply power to appliances or devices in the home. The Z-Wave signal can be interrupted by other equipment that may be used in conjunction with the Z-Wave equipment and may be used to replace the on/off status of home control devices and/or control lighting or other support equipment.
CONTROLLING SCENES
To control a scene, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press A-D once. (Red LED blinks once)
3. Enter A-D on the numeric keypad.
4. The light of the scene you wish to control will go on.
5. The light of the scene you wish to control will go off.
NOTE: If the red LED emits one long, steady blink, the device has not been successfully added to the group. Repeat steps 1-5 if this occurs.

NOTES ABOUT COPYING INFORMATION TO OR FROM THE REMOTE CONTROL:
1. Press the button on the device that you wish to add or delete.
2. Press the button on the device that you wish to control.
3. Press and hold SETUP until both the red and green LEDs blink twice.
4. Put the target secondarily into programming mode so that it sends its information to the primary remote as well as receives information from that remote.
5. Press either ON or OFF. Any ON or OFF button can be pressed. The green LED blinks twice.

NOTE: If the LED emits one long, steady blink, the information has not been successfully transferred.

DELETING DEVICES (LIGHTS / NODES) FROM ALL CONTROL
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press ALL once. (Green LED blinks rapidly)
4. Press the button on the device that you wish to remove from All Control.
5. The green LED twice. You have successfully deleted the device from All Control.
6. Place the two remotes near each other.
7. Press and hold SETUP until both the red and green LEDs blink twice.
8. Press DELETE once. (Red LED blinks once)
9. Press ALL once. (Green LED blinks rapidly)
10. Press the button on the device that you wish to remove from All Control.
11. The red LED twice. You have successfully deleted the device from All Control.

NOTE: If the red LED emits one long, steady blink, the device has not been successfully deleted from the group. Repeat steps 1-11 if this occurs.

ADDING DEVICES (LIGHTS / NODES) TO ALL CONTROL
The factory default setting for GE-Z Wave devices is to be included in All-On and All-Off commands.
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Press DELETE once. (Red LED blinks once)
3. Press ALL once. (Green LED blinks rapidly)
4. Press the button on the device that you wish to add.
5. The green LED twice. You have successfully added the device to All Control.
6. Place the two remotes near each other.
7. Press and hold SETUP until both the red and green LEDs blink twice.
8. Press DELETE once. (Red LED blinks once)
9. Press ALL once. (Green LED blinks rapidly)
10. Press the button on the device that you wish to add.
11. The red LED twice. You have successfully added the device to All Control.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred.

RECOVERING NETWORK INFORMATION
To recover your network information, perform the following steps:
1. Press and hold SETUP until both the red and green LEDs blink twice.
2. Enter 9 6 6 1 on the numeric keypad.
3. Place the two remotes near each other.
4. Press and hold SETUP until both the red and green LEDs blink twice.
5. Enter 9 6 6 1 on the numeric keypad.
6. Press either ON or OFF. Any ON or OFF button can be pressed. The green LED blinks twice.

NOTE: If the LED emits one long, steady blink, the information has not been successfully transferred.

PRIMARY CONTROLLER SHIFT (TRANSFER)
You can transfer all of your remote’s information to another remote, so as to become the new primary remote. You can do this in two ways: either transferring all information, or just transferring network information.

Transferring All Network and Remote Information
1. Place the two remotes near each other.
2. Press and hold SETUP until both the red and green LEDs blink twice.
3. Press either ON or OFF. Any ON or OFF button can be pressed. The green LED blinks twice.
4. Place the two remotes near each other.
5. Press and hold SETUP until both the red and green LEDs blink twice.
6. Press either ON or OFF. Any ON or OFF button can be pressed. The green LED blinks twice.

NOTE: If the red LED emits one long, steady blink, the information has not been successfully transferred.

WARNING!
Exercise extreme caution when using Z-Wave devices to control appliances. Opening the interior of a Z-Wave device may be in a different room than the Z-Wave appliance; also an unintentional activation may occur if the wrong button is pressed. Z-Wave devices may automatically be powered on due to times event settings or may default to a set point dependent on a condition. In either case, the appliance or its controls could be inadvertently or intentionally operated.

For questions:
- e-mail support@jascoproducts.com
- call technical support at 1-800-654-8483

This device complies with the Z-Wave standard of open-air, line of sight transmission distances of 65 feet. Actual product transmission range depends on the number of walls between the remote controller and the destination device, the type of construction and the number of Z-Wave devices installed in the control network. Signal strength will vary depending on the application, and multiple devices result in more possible transmission routes which help eliminate “RF dead-spots”.

Things to consider regarding RF range:
1. Each wall or obstacle (i.e.: refrigerator, big screen TV, etc.) between the remote and the destination device will reduce the maximum range of 65 feet by approximately 5% - 30%.
2. Brick, tile or concrete walls block more of the RF signal than walls made of wooden studs and plasterboard (drywall).
3. Metal mounted Z-Wave devices installed in metal junction boxes will suffer a significant loss of range (approximately 20-30%) since the metal box blocks a large part of the RF signal.

Z-Wave enabled devices should not be used to supply power to medical and/or life support equipment.

Warning: Z-Wave is a registered US trademark or Zenysis A/S