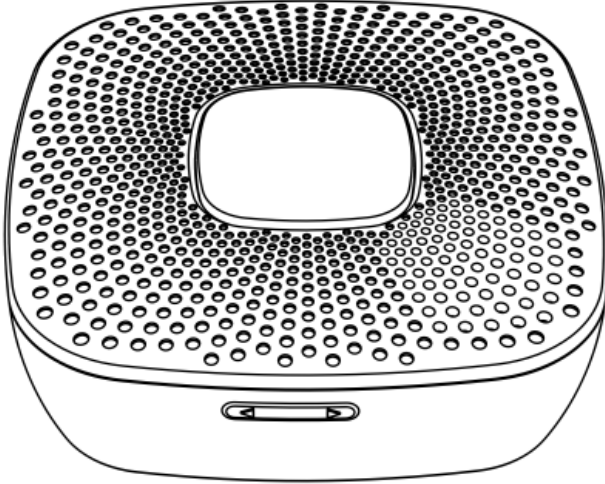## Garage Door Controller Gen 5 (User Guide)

Modified on: Thu, 8 Dec, 2016 at 11:34 PM

Aeon Labs Garage Door Controller is a smart and wireless Garage Door Control system, you can control the garage door to open, close, or stop moving via wireless signal on your gateway client or phone application. You can also control it by using the external switch when your controller or mobile phone is not on hand.

Its 105dB speaker system will play alarm sounds and at the same time, the indicator of the Garage Door Controller's Alarm LED will turn on in which will let you know that the garage door will start to open or close.
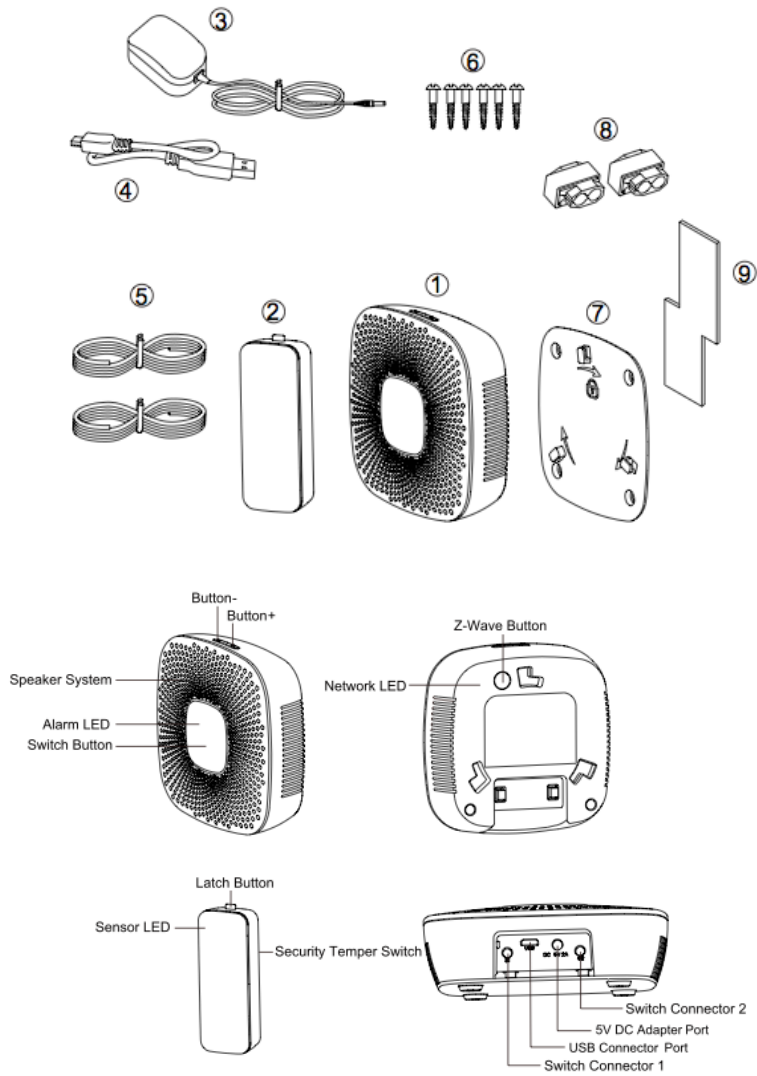
Garage Door Controller allows you to configure different alarm sounds to indicate the door's action. Each action alarm sound can be customized. To change or update new alarm sounds forGarage Door Controller, connect Garage Door Controller to your PC host with a USB cable and download your sound files to the flash memory (128 MB) of the Garage Door Controller.

You can also manually switch the alarm sound. To do this, short press the "Button -" or "Button +" button on the Garage Door Controller which will switch the alarm sound to the next sound. Press and hold the "Button -" or "Button +" to decrease or increase the volume.
The Garage Door Controller is also a security Z-Wave® device and supports the Over The Air (OTA) feature for the product's firmware upgrade.
Safety Notes.

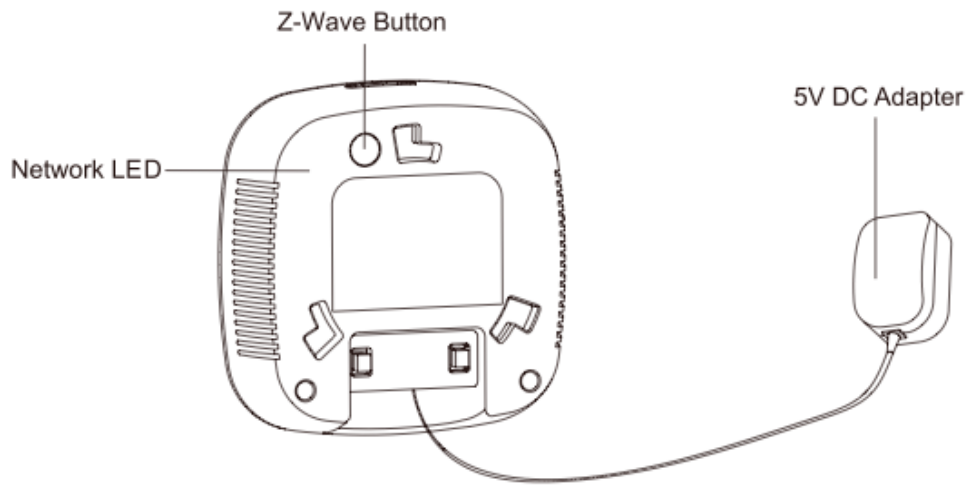# Get to Know Your Garage Door Controller.

Package contents:

1. Garage Door Controller. 2. Sensor.

3. 5V DC Adapter.

4. USB Cable.

5. Switch Cable (×2).

6. Screw (×6).

7. Back Mount Plate.

8. Fast Wiring Clip (×2). 9. Double-Sided tape.

Quick start.

1. Power on your Garage Door Controller.

Power your Garage Door Controller by connecting the 5V DC Adapter to the input.
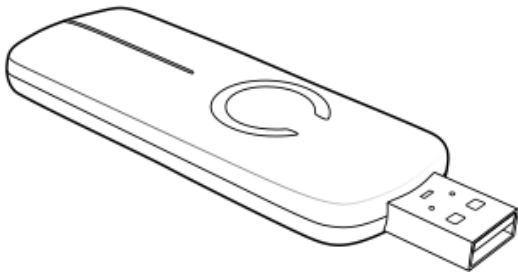
Now that your Garage Door Controller is powered on, you will see the Network LED blinking slowly. While the Network LED is blinking, this indicates that the Garage Door Controller is ready to be included into a Z-Wave network.
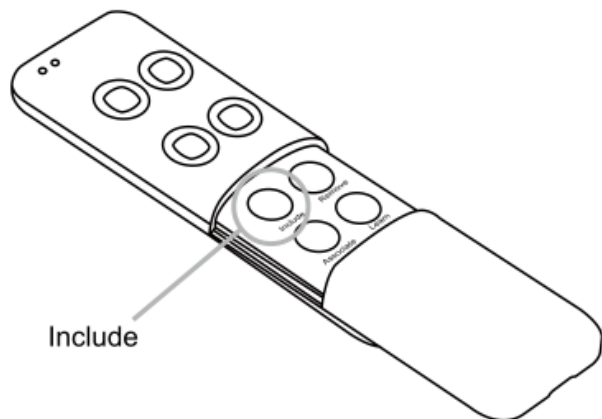
2. Add/include/link your Garage Door Controller to a Z-Wave network.

The following instructions will tell you how to link your Garage Door Controller to your Z-Wave network via an Aeotec by Aeon Labs' Z-Stick or Minimote controller. If you are using another Z-Wave controller as your main controller, please refer to their respective manual on how add new devices to your network.

If you're using a Z-Stick:

1. Connect 5V DC Adapter to the Garage Door Controller. Its Network LED will begin to blink.
2. If your Z-Stick is plugged into a gateway or a computer, unplug it.
3. Take your Z-Stick to your Garage Door Controller.
4. Press the Action Button on your Z-Stick.
5. Press the Z-Wave Button on Garage Door Controller.
6. If Garage Door Controller has been successfully linked to your Z-Wave network, its Network LED will no longer blink.
7. If the linking was unsuccessful and the Network LED continues to blink, repeat the steps above.
8. Press the Action Button on the Z-Stick to take it out of inclusion mode.

If you're using a Minimote:

Include

1. Connect 5V DC Adapter to the Garage Door Controller. Its Network LED will begin to blink.
2. Take your Minimote to your Garage Door Controller.
3. Press the Include button on your Minimote.
4. Press the Z-wave Button on your Garage Door Controller.
5. If Garage Door Controller has been successfully linked to your Z-Wave network, its Network LED will no longer blink. If the linking was unsuccessful and the Network LED continues to blink, repeat the steps above.

With your Garage Door Controller now working as a part of your smart home, you'll be able to configure it from your home control software or phone application. Please refer to your software's user guide for precise instructions on configuring Garage Door Controller to your needs.
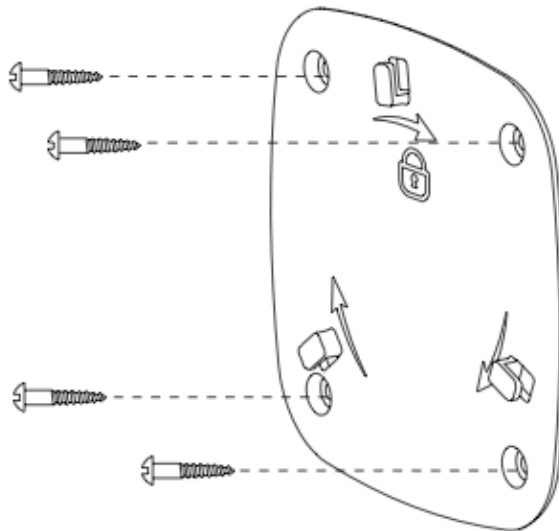
The speaker system is 105dB and you can reduce its volume via long pressing the "Button-" or increase the volume via long pressing the "Button -". When the "Button -" or "Button +" is pressed, the default Garage Door Controller alarm sound will be triggered. To switch to the next alarm sound, short press the "Button -" or "Button +".

Physically Install your Garage Door Controller.

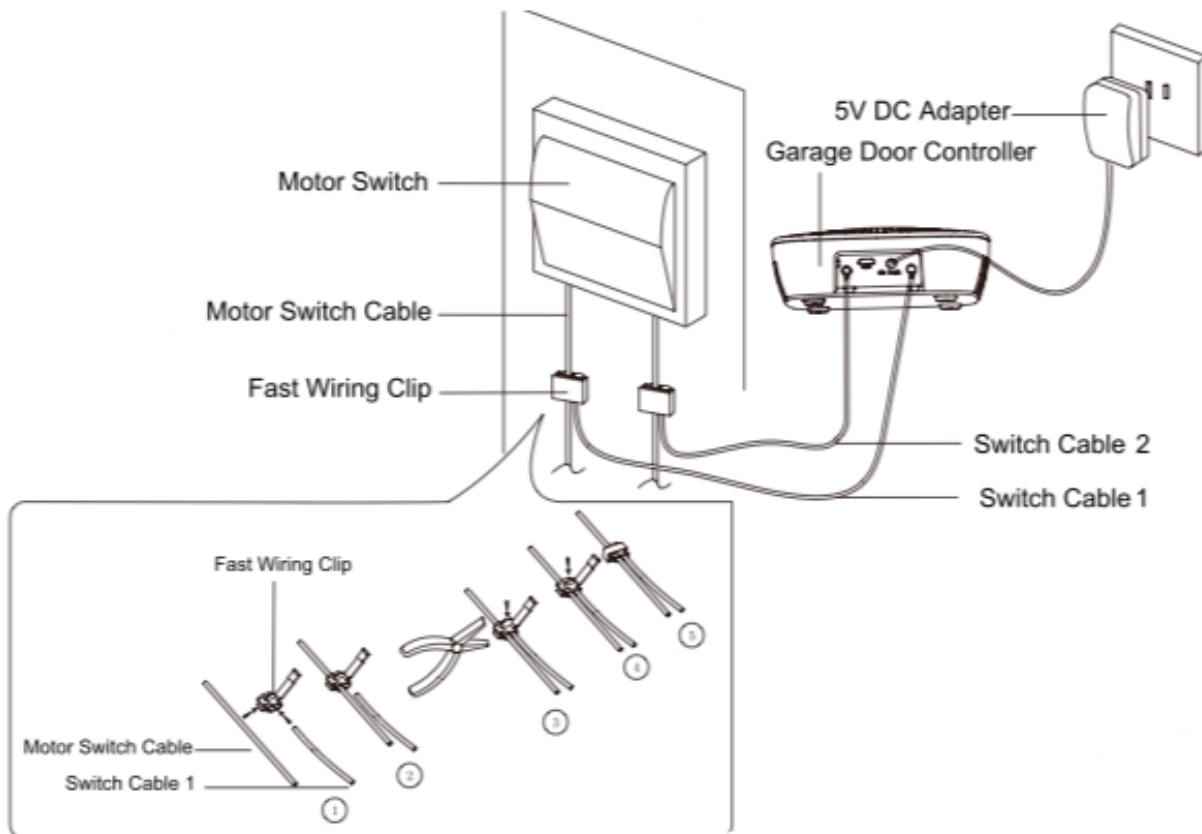**WARNING — TO REDUCE THE RISK OF SEVERE INJURY OR DEATH:**

LOCATE CONTROL BUTTON
a) WITHIN SIGHT OF DOOR;
b) AT A MINIMUM HEIGHT OF 1.53 M (5 FT) SO SMALL CHILDREN CANNOT REACH IT; AND
c) AWAY FROM ALL MOVING PARTS OF THE DOOR.

Garage Door Controller must be installed in your home and near the garage door. It cannot be installed outdoors in elements such as rain and snow.

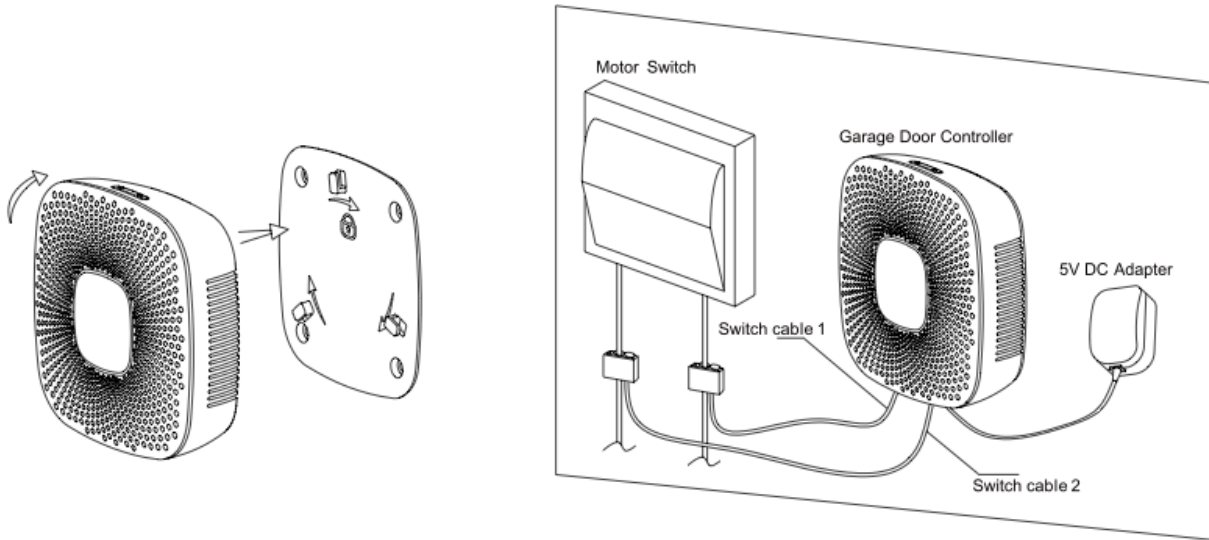1. Utilize the provided 20mm screws to affix it to the desired surface.

2. Connect the 2 Switch cables to the Switch Connector 1 and 2 on the Garage Door Controller, and then use the Fast Wiring Clip to connect the 2 Switch Cables to the Motor Switch Cables, see the figure below:
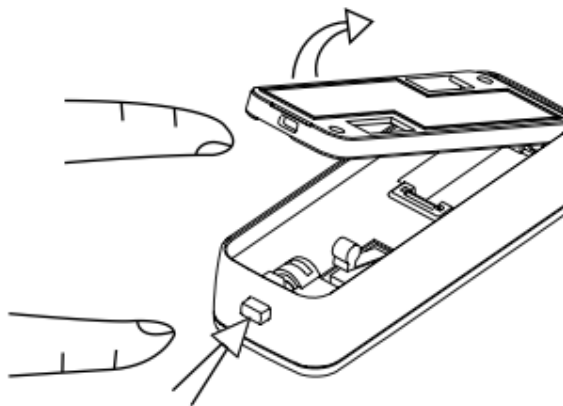

Note: The Fast Wiring Clip need to be used with pliers. When the Switch Cable and the Motor Switch Cable have been connected by Fast Wiring Clip, you will need to use the pliers to clamp the Fast Wiring Clip, see the figure above.

3. Now lock Garage Door Controller to the Back Mount Plate by twisting Garage Door Controller.
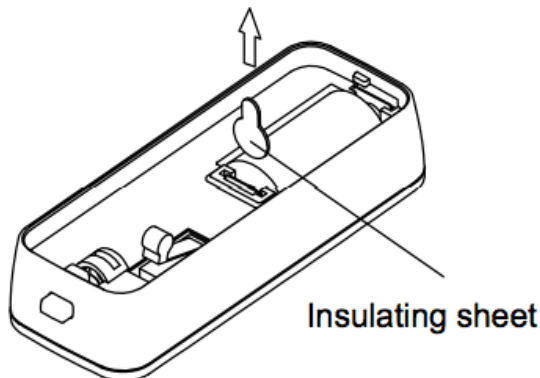

Installing the Sensor on your Garage Door.

1. Press and hold the Latch Button to unlock the sensor mounting plate:

Press and hold the Latch Button

2. Pull out the insulating sheet, then you will see the Sensor LED blink once to indicate it has been powered on.
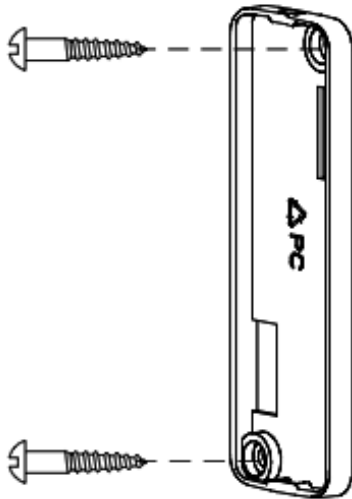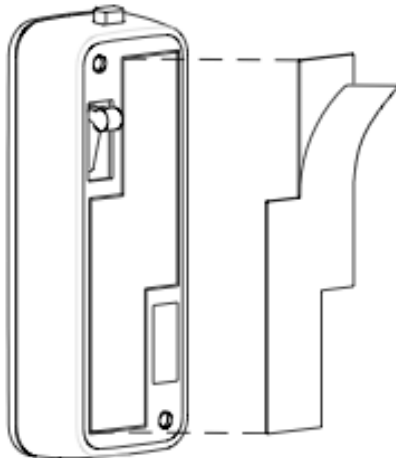

Insulating sheet

3. Affix your sensor mounting plate to the garage door.

The sensor mount plate should be installed on the top of the garage door (on the left, middle, or right side). Now affix your sensor mounting plate to the surface. Your mounting plate can be affixed using screws or double-sided tape.

If you are using screws, attach the mounting plate to the respective surface using the two 20mm screws provided.
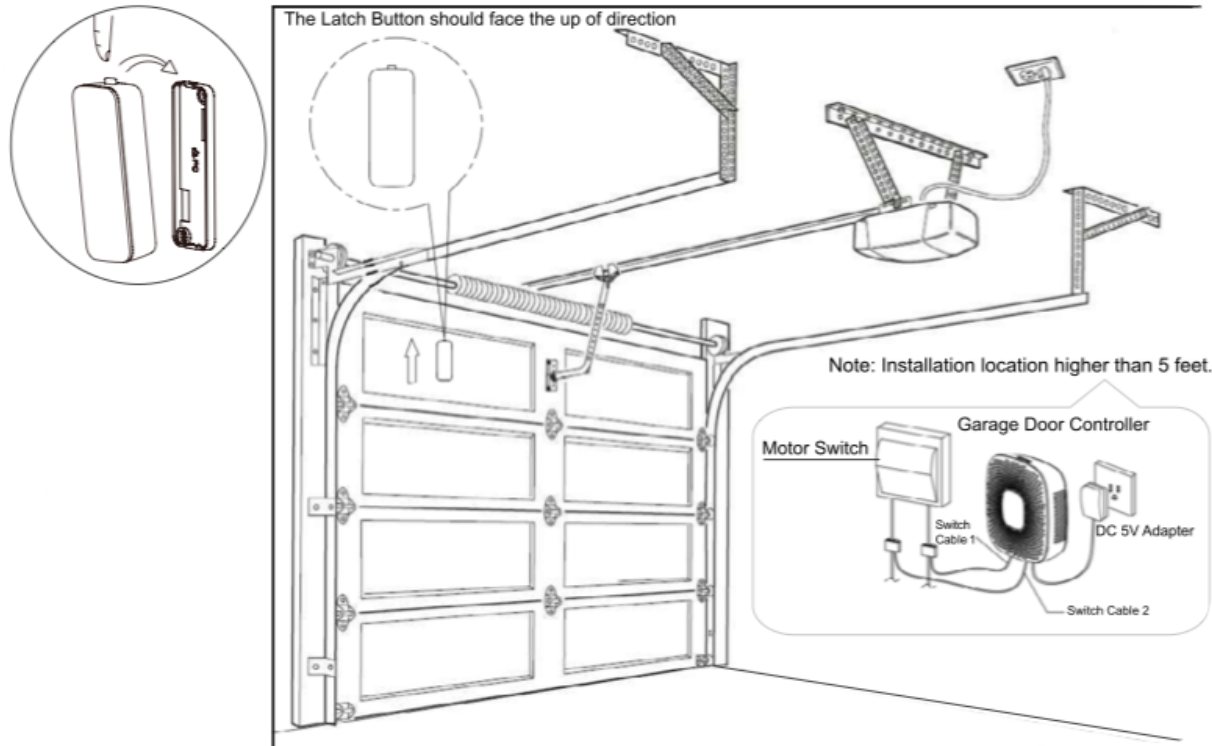

If you are using double-sided tape, wipe the two surfaces clean of any oil or dust with a damp towel. When the surface has completely dried, peel one side of the tape back and attach it to the corresponding section on the rear side of the mounting plate.

You can choose each of way from these 2 installations above. Just need to note if the environment temperature of the garage door is less than -5 C, we suggest to choose the first way (using screws to affix the mounting plate) that would be more stable.

4. Lock your Sensor on the mounting plate.

Press and hold the Latch Button, and then push the Sensor into the mounting plate.

After completing all installation steps, you may need to test your Garage Door Controller to see if it has been successfully installed. You can implement this via short pressing the Switch Button on the Garage Door Controller. When you press the Switch Button, you will see the alarm LED blink and ring the alarm sound. After about 5 seconds, the garage door will move to a full open or closed position. If you press the Switch Button again, the garage door will immediately stop moving. If not, please check or repeat the steps above.

Note: If you have confirmed the installation is successful, you need to calibrate the Sensor once. For detailed calibration steps, please refer to the "Configuration Parameter 34" as below: Parameter 34[1 byte dec] can be configured through your gateway or controller.

Calibration Steps:
1. Let the garage door move to full close position via sending control commands or pressing manual Switch.
2. Send this parameter (34) with "value=1" to Garage Door Controller through your gateway/controller.
3. Let the garage door move to full open position via sending control commands or pressing manual Switch.
4. Let the garage door move to full close position via sending control commands or pressing manual Switch after the step 3 has completed.

Advanced Instructions.

IMPORTANT SAFETY INSTRUCTIONS.
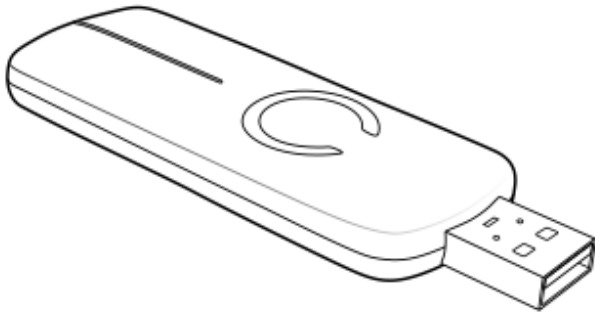WARNING — TO REDUCE THE RISK OF SEVERE INJURY OR DEATH:

1. READ AND FOLLOW ALL INSTRUCTIONS.
2. NEVER LET CHILDREN OPERATE OR PLAY WITH DOOR CONTROLS. KEEP REMOTE CONTROL AWAY FROM CHILDREN.

3. ALWAYS KEEP MOVING DOOR IN SIGHT AND AWAY FROM PEOPLE AND OBJECTS UNTIL IT IS COMPLETELY CLOSED. NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.

4. SAVE THESE INSTRUCTIONS.

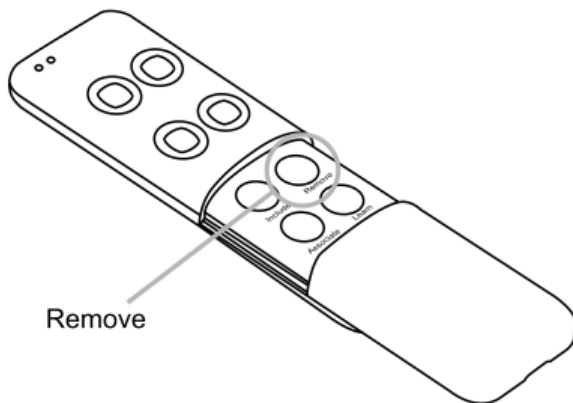## Removing Your Garage Door Controller from a Z-Wave network.

The following instructions will tell you how to remove your Garage Door Controller from your Z-Wave network via an Aeotec by Aeon Labs' Z-Stick or Minimote controller. If you are using another Z-Wave controller as your main controller, please refer to their respective manual on how remove devices from your network.

If you're using a Z-Stick:

1. If your Z-Stick is plugged into a gateway or a computer, unplug it.
2. Take your Z-Stick to your Garage Door Controller.
3. Press the Action Button on your Z-Stick.
4. Press the Z-Wave Button on your Garage Door Controller.
5. If your Garage Door Controller has been successfully removed from your network, its Network LED will blink. If the removal was unsuccessful, the Network LED will not blink.
6. Press the Action Button on the Z-Stick to take it out of removal mode.

If you're using a Minimote:

Remove

1. Take your Minimote to your Garage Door Controller.
2. Press the Remove Button on your Minimote.
3. Press the Z-Wave Button on your Garage Door Controller.

4. If your Garage Door Controller has been successfully removed from your network, its Network LED will blink. If the removal was unsuccessful, the Network LED will not blink.

5. Press any button on your Minimote to take it out of removal mode.

Reset your Garage Door Controller.

If your primary controller is missing or inoperable, you may wish to reset your Garage Door Controller to its default factory settings. To do this, press and hold the Z-Wave Button for 20 seconds and then release it. Your Garage Door Controller will now be reset to its original settings, and the Network LED will be solid for 2 seconds and then start slow blinking to confirm a success.

Download new ringtones to your Garage Door Controller from PC host.

1. Use the Micro USB cable to connect Garage Door Controller to your PC host. PC host will detect the removable storage after a few seconds and then you will find it in the section of "Device with Removable Storage".

2. Double click the "Removable Disk (G:)" to open it.

3. Now you can copy/drag the new alarm sounds from the PC hard disk to the Garage Door Controller's flash memory.

4. Wait a few minutes to complete the copying.

Note: Please do not disconnect the USB port until the copying has completed.

Technical specifications.

Model Number: ZW062
Power Supply: 5V DC Adapter for Garage Door Controller. CR2 Lithium battery 3V, 800mA for Sensor.
Max Alarm Power: 2W.