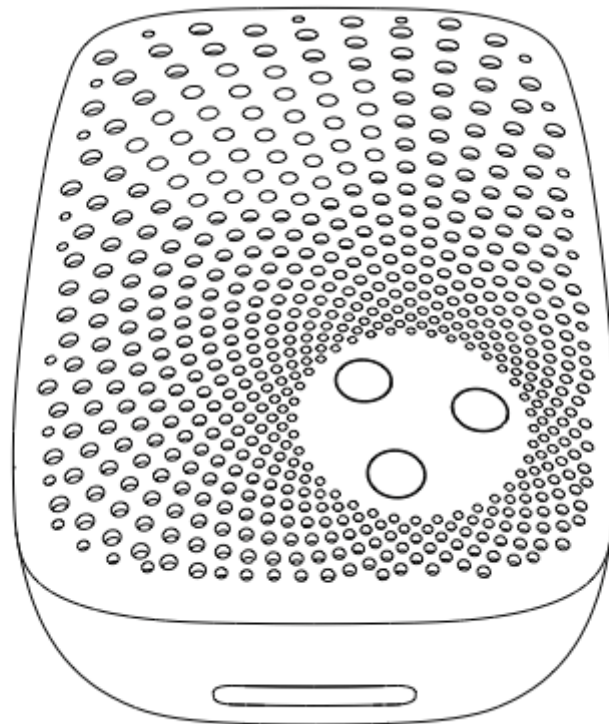


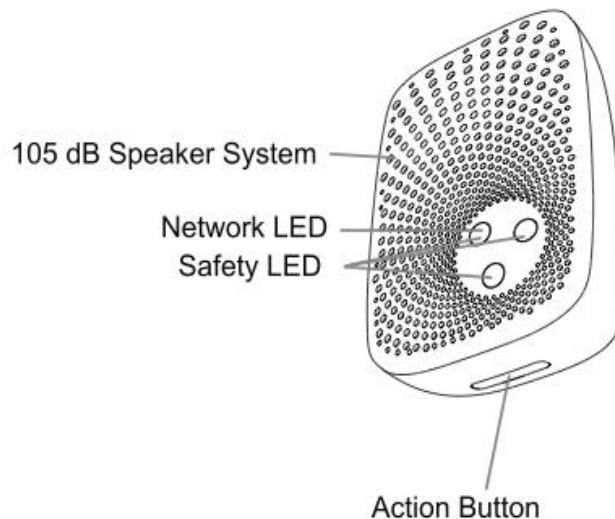
## **Aeotec by Aeon Labs Siren Gen5.**



Aeotec Siren Gen5 has been crafted to power connected lighting using Z-Wave Plus. It is powered by Aeotec's Gen5 technology.

## Get to Know your Siren.

- Action Button
- 106dB speaker system
- Safety LEDs
- Network LED



## Important safety information.

Please read this and other device guides carefully. Failure to follow the recommendations set forth by Aeotec Limited may be dangerous or cause a violation of the law. The manufacturer, importer, distributor, and / or reseller will not be held responsible for any loss or damage resulting from not following any instructions in this guide or in other materials.

Siren Gen5 is intended for indoor use in dry locations only. Do not use in damp, moist, and / or wet locations.

## Quick Start.

Getting your Siren up and running is as simple as plugging it into a wall socket and linking it to your existing Z-Wave network. The following instructions tell you how to link your Siren to your Z-Wave network via a Z-Wave gateway.

## **Pairing your Siren Gen5 into your existing Z-Wave network.**

1. Place your gateway or controller into Z-Wave pair or inclusion mode. (Please refer to your controller/gateway manual on how to do this)
2. Press the Action Button on your Siren Gen5, and its LED will blink rapidly to indicate that it is communicating.
3. If your Siren has been successfully linked to your network, its LED will become solid for 2 seconds, then stop. If linking was unsuccessful, the LED will blink when you tap its button.

With your Siren now working as a part of your smart home, you'll be able to configure it from your home control software. Please refer to your software's user guide for precise instructions on configuring Siren to your needs.

You're able to test your Siren's speaker system manually. Please note that the speaker system is 106dB and very loud – we recommend only testing your Siren while wearing the necessary ear protection given you'll need to be next to your Siren while manually testing it. To manually test Siren, press and hold the Action Button for 5 seconds.

## **Advanced.**

### **Removing your Siren from a Z-Wave network.**

Your Siren can be removed from your Z-Wave network at any time. It is always advised that you use your gateway to perform an unpair in order to avoid leaving phantom / failed nodes that become difficult to remove. To do so, follow the steps below:

#### **Unpairing your Siren Gen5 from your existing Z-Wave network.**

1. Place your gateway or controller into Z-Wave unpair or exclusion mode. (Please refer to your controller/gateway manual on how to do this)
2. Press the Action Button on your Siren.
3. If your Siren has been successfully unlinked to your network, its LED will begin to blink.

## Changing Sounds and Volume.

You may want to change your sound and volume of your Siren Gen5 to cater to your application. There are 5 separate sounds, and 3 volume settings.

You must use Parameter 37 to change the tone and volume of the Siren. In order to make this setting change, your gateway must support the Configuration Command Class otherwise this is not possible.

Parameter Number Hex / Decimal	Description	Default Value	Size
0x25 (37)	<p>1, The value1 (High Byte) is used to select the Siren sound :</p> <p>Value1=0, do not change the current Siren sound.</p> <p>Value1=1, Siren sound 1 is selected.</p> <p>Value1=2, Siren sound 2 is selected.</p> <p>Value1=3, Siren sound 3 is selected.</p> <p>Value1=4, Siren sound 4 is selected.</p> <p>Value1=5, Siren sound 5 is selected.</p> <p>Other values will be ignored.</p> <p>2, The value2 (Low Byte) is used to adjust the volume:</p> <p>Value2=0, do not change the current volume.</p> <p>Value2=1, set the volume to 88 dB.</p> <p>Value2=2, set the volume to 100 dB.</p> <p>Value2=3, set the volume to 105 dB.</p> <p>Other values will be ignored.</p>	Value1 = 1. Value2 = 3.	2

By setting Parameter 37 [2 byte hex] using the list above, you would set it as 0x[value1][value2]

Value 1 sets the sound

Value 2 sets the volume.

For some examples:

- If you want sound 3 with volume of 1, then you would set Parameter 37 [2 byte] = 0x301
- If you want sound 1 with volume of 3, then you would set Parameter 37 [2 byte] = 0x103
- If you want sound 5 with volume of 2, then you would set Parameter 37 [2 byte] = 0x502

If your software or gateway does not use hex values, you can take any Hex to Decimal calculator to change this. <http://www.binaryhexconverter.com/hex-to-decimal-converter>

Below image reflects the hex value 0x301 conversion to decimal which is equivalent to 769 decimal.

Hex Value (max. 7fffffffffffffff)	Decimal Value
<input type="text" value="301"/>	<input type="text" value="769"/>
<input type="button" value="Convert"/>	swap conversion: <a href="#">Decimal to Hex</a>

## Reset your Siren.

This method is not fully advised unless your gateway has failed, and you do not yet have another gateway to perform a general unpair on Siren Gen5.

To do this, follow the steps below:

1. Press and hold the Action button for 20 seconds
2. At 8 seconds, the Siren will sound for 1 second, then stop
3. The LED will continue to blink faster and faster
4. The LED will then become solid for 2 seconds to indicate a successful factory reset
5. You may let go of its Action button, and the Siren Gen5 factory reset is complete.

## More Advanced Configurations.

You can find more advanced configurations for Siren Gen5 in our Download section.

## Technical specifications

**Name:** Siren Gen5

**Model Number:** ZW080

**Repeater:** Yes

**Beaming:** Yes

**AES128 Secure Encryption:** Yes

**Built-in Lithium Battery:** 430 mAh.

**Alarm Power:** 1.7W.

**Max Standby Power:** 0.7W.

**Max Volume:** 106dB.

**Operating humidity:** 8% to 80%.

**Operating temperature:**

0°C to 40°C

32°F to 104°F.

**Operating Distance:**

Up to 492 feet outdoors.

Up to 150 metres outdoors.

**AC Input:**

<b>Version</b>	<b>Input(Standby Power)</b>	<b>Working Band</b>
AU	230V 50Hz, Max: 30mA	921.42MHz
BR	220V 60Hz, Max: 30mA	921.42MHz
CN	220V 50Hz, Max: 30mA	868.40MHz
EU	230V 50Hz, Max: 30mA	868.42MHz
IL	230V 50Hz, Max: 30mA	916.02MHz
IN	230V 50Hz, Max: 30mA	865.20MHz
UK	230V 50Hz, Max: 30mA	868.42MHz
US	120V 60Hz, Max: 30mA	908.42MHz

## Supported Commands.

	Non-Secure	Secure
Node Info Frame	COMMAND_CLASS_ZWAVEPLUS_INFO V2 COMMAND_CLASS_BASIC V1 COMMAND_CLASS_SWITCH_BINARY V1 COMMAND_CLASS_CONFIGURATION V1 COMMAND_CLASS_ASSOCIATION V2 COMMAND_CLASS_ASSOCIATION_GRP_INFO V1 COMMAND_CLASS_MANUFACTURER_SPECIFIC V2 COMMAND_CLASS_POWERLEVEL V1 COMMAND_CLASS_SCENE_ACTIVATION V1 COMMAND_CLASS_SCENE_ACTUATOR_CONF V1 COMMAND_CLASS_VERSION V2 COMMAND_CLASS_FIRMWARE_UPDATE_MD V2 COMMAND_CLASS_SECURITY V1 COMMAND_CLASS_MARK V1 COMMAND_CLASS_DEVICE_RESET_LOCALLY V1 COMMAND_CLASS_HAIL V1	COMMAND_CLASS_ZWAVEPLUS_INFO V2 COMMAND_CLASS_VERSION V2 COMMAND_CLASS_MANUFACTURER_SPECIFIC V2 COMMAND_CLASS_SECURITY V1 COMMAND_CLASS_MARK V1 COMMAND_CLASS_DEVICE_RESET_LOCALLY V1 COMMAND_CLASS_HAIL V1
Security Command Supported Report Frame		COMMAND_CLASS_SWITCH_BINARY V1 COMMAND_CLASS_CONFIGURATION V1 COMMAND_CLASS_ASSOCIATION V2 COMMAND_CLASS_ASSOCIATION_GRP_INFO V1 COMMAND_CLASS_MANUFACTURER_SPECIFIC V2 COMMAND_CLASS_SCENE_ACTIVATION V1 COMMAND_CLASS_SCENE_ACTUATOR_CONF V1 COMMAND_CLASS_VERSION V2 COMMAND_CLASS_POWERLEVEL V1 COMMAND_CLASS_FIRMWARE_UPDATE_MD V2 COMMAND_CLASS_DEVICE_RESET_LOCALLY V1 COMMAND_CLASS_HAIL V1