

**NOTE:** This unit must be "included in the Network" **only where it will be permanently installed.** The proper operation of this node in the mesh network is dependent on it knowing its location with respect to other nodes. You cannot "test bench" configure this module, then install.

## WIRELESS SIREN / STROBE

The GoControl family of Z-Wave™ certified wireless Security devices (siren/strobe, motion sensor, and door/window sensor) bring a new level of intelligent wireless capability to commercial and residential environments.

The Z-Wave wireless protocol is an international wireless standard for remote home automation, security and other applications. Embedded in each device, the Z-Wave smart chip enables two-way RF communication among hundreds of Z-Wave enabled devices, allowing products and services from multiple manufacturers to work seamlessly.

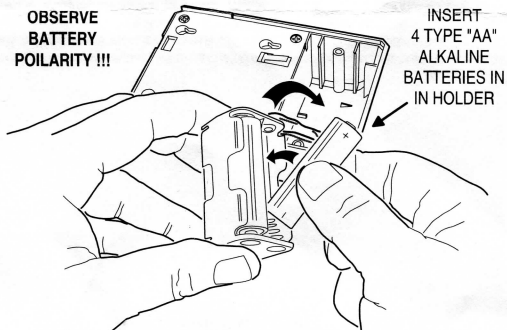
GoControl Z-Wave products are easy to install, and create an integrated wireless network with nearly limitless expansion and interoperability with security and health monitoring systems, energy management, home entertainment, appliances, and more.

The siren/strobe will sound a loud siren and flash a bright strobe when activated by the Z-Wave™ Controller.

For indoor use only. Retain instructions for future use.

## INSTALLATION

1. Remove the mounting bracket by pressing on the locking tab and sliding the bracket downward from the siren/strobe.
2. Use a Phillips screwdriver to remove the two battery compartment cover screws and lift off the battery compartment cover.
3. Remove the battery holder. OBSERVING POLARITY, install 4 Type "AA" Alkaline batteries into the battery holder.
4. Fit the battery holder into the unit and secure the battery compartment cover with the two screws.



**Battery Installation**

## For "Inclusion" to (adding to) a network:

Refer to your Controller operating instructions to add the siren/strobe under the command of the Wireless Controller.

1. Prepare the Controller to include a unit to the network by adding it to a group (method of adding a node to the network). Refer to the Controller instructions.
2. If your Controller supports Network Wide Inclusion (NWI) locate the siren/strobe near the proposed installation location. **If not, skip to Step 5.**
3. With your Controller in Inclusion mode, press the siren/strobe Program/Tamper switch for 1 second and release. The LED will blink.
4. You should see an indication on your Controller that the "device was included" in the network. The LED will stop blinking. **Skip to Step 8.**

If the LED does not stop blinking, relocate the siren/strobe to within 100 feet (line of sight) of a Z-Wave device or your hub and repeat Step 3. If the LED continues to blink, your Controller does not support NWI, continue with Step 5.

5. Place the siren/strobe within 3 feet of the Controller.
6. With your Controller in Inclusion mode, depress the siren/strobe Program/Tamper switch for 1 second then release. The LED will blink.
7. You should see an indication on your Controller that the "device was included" in the network. The LED will stop blinking.
8. The device will appear in the list of Switches. It should display "binary switch".

✓ **NOTE:** If you have trouble adding the siren/strobe to a group it may be that the Home ID and Node ID were not cleared from it after testing. You must first "RESET UNIT" with your Controller to remove it from the network. Although adding it to a group includes it in the network, removing it from a group does not remove it from the network. "RESET UNIT" removes it completely from the network.

## For "Exclusion" from (removing from) a network:

1. Set up the Z-Wave™ Interface Controller into "exclusion" mode, and following its instruction to delete the siren/strobe from the controller.
2. Press the siren/strobe Program/Tamper switch for 1 second and release to be excluded. The LED light will flash continuously when the sensor is in the Exclusion condition.

## Mounting

1. Using the two mounting screws or adhesive tape, affix the mounting bracket at the chosen location. The locking tab points down.
2. Slide the siren/strobe onto the mounting bracket until the locking tab snaps into place.

## BASIC OPERATION

When triggered, the siren/strobe will trigger for 30 seconds (default setting). During that time the siren will emit a very loud pulsating audible alarm at 105 db. The integrated strobe light will also flash during the 30 seconds.

**✗ CAUTION:** This is an extremely loud siren, **do not place it near your ear.**

### LED Indication

The LED on the siren/strobe will not be on during normal operation.

### Remote Control

The siren/strobe will respond to BASIC and BINARY commands that are part of the Z-Wave system. Refer to your Controller's instructions as to whether your Controller can transmit those commands.

## CONFIGURATION

The siren/strobe supports the Configuration command. The siren/strobe can be configured to operate slightly differently than how it works when you first install it. Using the Configuration command you can configure the following:

### Parameter 0: Siren / Strobe Mode

By default, the siren and strobe will activate when turned on. To activate the Siren only, set parameter 0 to 1. For strobe only set to 2.

- **Parameter No: 0**
- **Length: 1 Byte**
- **Valid Values = 0 (default) or 1 or 2. Default is 0.**

### Parameter 1: Auto Stop Time

By default the auto stop time is 30 seconds. Setting parameter 1 to 1 will increase the time to 60 seconds. Changing it to 2 will increase the stop time to 120 seconds. Setting the stop time to 3 will turn off the auto stop and will require a command from the Controller to turn the siren/strobe off.

- **Parameter No: 1**
- **Length: 1 Byte**
- **Valid Values = 0 or 1 or 2 or 3. Default is 0.**

### Default Setting

Each configuration Parameter can be set to its default setting by setting the default bit in the Configuration Set command. See your Controller's instructions on how to do this (and if it supports it).

All configuration commands will be reset to their default state when the siren/strobe is excluded from the Z-Wave network by using the Controller to reset the node.

## SPECIFICATIONS

Power Supply	4 Type "AA" Alkaline batteries
Frequency	908.42 MHz
Audible Alarm	>105 dB @ 3 feet
Strobe	White LED with red lens
Operating Temp	5°F~140°F / -15°C~ 60°C
Repeater	No
Range	Up to 100 feet line of sight between the Z-Wave Controller and/or the closest Z-Wave Repeater

## INTEROPERABILITY WITH Z-WAVE DEVICES

A Z-Wave network can integrate devices of various classes, and these devices can be made by different manufacturers, just as the siren/strobe can be incorporated into existing Z-Wave networks.

## PACKAGE CONTENTS

- Siren/strobe with wall mounting bracket
- 4 Type "AA" Alkaline batteries
- Double-sided mounting tape
- 2 mounting screws
- Installation manual

## REGULATORY INFORMATION

The siren/strobe is certified to comply with applicable FCC and IC rules and regulations governing RF and EMI emissions. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference received that may cause undesired operation.

### FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician to help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### IC Notice

This Class B digital apparatus complies with Canadian ICES-003

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Operation 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.

## LINEAR RETAIL LIMITED WARRANTY AND REPAIR POLICY

Linear LLC warrants its products to be free from defects in material and workmanship for a period of (1) year from the date of purchase. The Company within said period shall at its option, either repair or replace free of charge, any product or part thereof found, upon the Company's inspection, to be so defective, and will return the repaired or replaced product to the purchaser at Company's expense.

The Company's maximum liability hereunder is limited to the purchased price of the product. There are no obligations or liabilities on the part of Linear LLC for consequential damages arising out of or in connection with use or performance of the product or other indirect damages with respect to loss of property, revenue, or profit, or cost of removal, installation or reinstallation.

All implied warranties, including implied warranties for merchantability and implied warranties for fitness, are valid only until warranty expiration date from date of purchase. This Linear LLC Warranty is in lieu of all other warranties express or implied. Some states and countries do not allow limitations or how long an implied warranty lasts or the exclusion or limitation or incidental or consequential damages, so the above exclusions may not apply. The Linear LLC warranty gives specific legal rights in addition to other rights, which may exist and vary from state to state and country to country.

- All customers are required to call Linear Technical support to troubleshoot a product before it is eligible for return. Call 1-855-546-3279 to talk with a technical support engineer. If the product is deemed defective they will provide a tech tickets as a reference for return.
- All products returned for warranty repair service or reported in a warranty claim, per the guidelines above, require a Return Product Authorization Number (RPA#). Contact Linear Returns at 1-855-546-3351 or send an e-mail to returns@linearcorp.com for an RPA#. Proof of purchase and a Tech Ticket are required to receive a RPA#.
- Devices must be sent to the Company at owner's expense and be accompanied with statement of defect and proof of purchase.
- For products requiring return to Linear LLC, specific packing, labeling, shipping and tracking policies apply. These will be provided and reviewed as needed before product is returned.
- Product may be inspected and tested by Linear LLC and if found to be in working condition and not defective will be returned to the customer in the condition received.
- The user is responsible for all labor costs associated with removing and reinstalling the product. Linear LLC, at its option and per the guidelines above, will repair or replace the defective product.
- Replacements will be made from refurbished stock. If an exact replacement is not available Linear LLC, at its option will select the nearest equivalent product. The user is responsible for freight charges to Linear LLC.
- Linear LLC will return warranted repaired or ship replacements by UPS Ground or an equivalent service. A customer may pay the additional costs for second day or next-day service.

There is NO PROVISION FOR LABOR COST OR OTHER REIMBURSEMENTS OF ANY KIND. IN NO EVENT WILL LINEAR ACCEPT RETURNS OF ANY PRODUCT THAT HAS BEEN DISCONTINUED OR THAT HAS BEEN REVISED OR UPDATED.

Defective products are covered by the warranty with the following exceptions:

- Failures due to product abuse, negligence, non-factory authorized modifications, improper installation, improper use, and electrical surge including damage from lightning, water damage or other damage due to natural disasters are not covered by the warranty.
- The warranty shall also be voided by any tampering with the date code, labels or other markings on the product.
- The warranty does not apply to: (i) damage incurred in shipping or handling; (ii) damage caused by disaster such as fire, flood, wind, earthquake or lightning; (iii) damage due to causes beyond the control of Linear such as excessive voltage, mechanical shock or water damage; (iv) damage caused by unauthorized attachment, alterations, modifications or foreign objects being used with or in conjunction with the Product; (v) damage caused by peripherals, sensors or other products used in connection with the Products (except for Products supplied by Linear); (vi) defects caused by failure to provide a suitable installation environment for the Products; (vii) damage caused by use of the Products for purposes other than those for which they were designed; (ix) damage from improper maintenance; (x) damage arising out of any other abuse, mishandling or improper application of the Products; (xi) damage resulting from disassembly or repair in such a manner as to adversely affect performance or prevent adequate inspection or testing to verify any warranty claim.
- Products that are damaged in transit to Linear LLC due to improper packaging or by the carrier (shipping company) will not be covered under the warranty. If the product was damaged or lost by the carrier, it is the sender's responsibility to create a claim against the carrier.