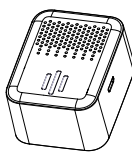


# USER MANUAL

## SIREN & CHIME ZSE50 800LR

ZOOZ™  
smart move



www.getzooz.com  
ask@getzooz.com

**REGISTER** your device within 30 days for extended warranty and more perks:

[www.getzooz.com/register](http://www.getzooz.com/register)



### FEATURES

- Sound and visual Z-Wave® alarm
- Upload custom playback files for chime and siren
- Great for DIY security and alert applications
- Just plug it into a standard receptacle
- **Z-Wave® Long Range** for an ultra stable network
- Built-in battery for back-up power up to 24 hours
- **800 series Z-Wave®** and S2 SmartStart Security

### SPECIFICATIONS

- Model Number: ZSE50 800LR
- Power: 100-120V~, 60Hz
- **Max volume:** 90 dB
- Max number of playback sounds: 50
- Internal file storage: 16 MB
- Supported file types: mp3, wav
- Z-Wave® Range: Up to 300 feet line of sight (up to 1300 feet with ZWLR)
- Operating Temperature: 32-104° F (0-40° C)
- Installation and Use: Indoor only
- Dimensions: 2.1" x 1.7" x 1.1"

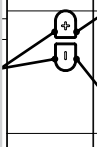
### INSTALLATION

Simply plug the Siren & Chime to a standard wall receptacle to power it. The LED indicator on the device will flash yellow once to confirm it's powered. Now add it to your Z-Wave® hub and start programming!

### PROGRAMMING FROM BUTTONS

While it's recommended to program your device from the hub's UI, you can also select the sounds and adjust volume using the programming mode on the device itself. Here is how it works:

**HOLD BOTH BUTTONS FOR 3 SECONDS TO ENTER / EXIT PROGRAMMING MODE.** The LED will turn blue and a message will sound.



#### WHILE IN PROGRAMMING MODE:

1 x click to skip to next sound.  
Hold for 5 seconds to disable sound selection from buttons.

1 x click to go back one sound.  
Hold for 5 seconds to disable volume control from buttons.

Double-click either button to stop playback anytime. Once you select the sound of your choice, simply exit the programming mode (hold both buttons for 3 seconds) to save your selection.

#### VOLUME CONTROL FROM BUTTONS:

Make sure you exit programming mode first (hold both buttons for 3 seconds). Then simply hold the + button to increase volume or hold the - button to decrease volume. Release to save the volume level.

### Z-WAVE® CONTROL

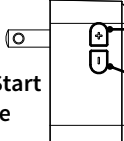
There are 2 methods to **ADD THE SIREN TO YOUR HUB:**

**SmartStart:** use the hub UI / app to scan the SmartStart code on the device. The SmartStart QR code and security PIN are located on top of the siren so you can easily scan the code when the device is plugged in. Simply power the device for SmartStart inclusion, it will be added automatically. On SmartThings, you may need to tap the + button on the siren 3 times quickly to complete the inclusion process. **See below for QR codes to hub-specific instructions.**

**Manual inclusion:** initiate inclusion (pairing) in the app or hub UI. Make sure the device is powered and finalize the inclusion at the siren: tap the + button on the device 3 times quickly.



SmartStart  
QR code



**TAP x 3**  
+ button  
(add device)  
- button  
(remove)  
**TAP x 3**

The LED indicator will blink green to signal communication, you'll also hear a message "Device in inclusion mode" to confirm the state and turn green for 2 seconds announcing "Device added" if inclusion is successful or turn red for 2 seconds if the pairing attempt fails.

NEED SOME HELP? [ask@getzooz.com](mailto:ask@getzooz.com)

Choose your hub and scan the QR code with your phone's camera. Then click on the link to access the step-by-step pairing instructions. Get more at [www.support.getzooz.com](http://www.support.getzooz.com)



Z-Box Hub



Home Assistant



SmartThings

## TROUBLESHOOTING

**The siren won't add to your system? Try this:**

1. Start **EXCLUSION** and tap the “-” button 3 times.
2. Tap the “+” button 3 times as quickly as you can.
3. Bring the siren **closer** to the hub for better range.
4. Get more tips at [www.support.getzooz.com](http://www.support.getzooz.com)

### EXCLUSION (REMOVING / UNPAIRING)

1. Bring your siren close to the hub if possible.
2. Put the Z-Wave® hub into **exclusion mode**
3. Tap the “-” **button** on the siren **3 times quickly** (the LED indicator will start blinking green)
4. Your hub will confirm exclusion, the LED indicator on the siren will turn green for 2 seconds, a message will sound, and the device will be removed.

### FACTORY RESET

If your primary controller is missing or inoperable, you may need to reset the device to factory settings.

To reset the relay, **hold the + and - buttons together for at least 15 seconds**. The LED will turn green after 3 seconds (keep holding the buttons), then start blinking red after 8 seconds, and it will turn solid red after 15 seconds to confirm successful reset. You'll also hear a confirmation message that the device has been reset.

**NOTE: All previously recorded activity and custom settings will be erased from the device's memory.**

### Z-WAVE® PROGRAMMING

You can trigger the Siren & Chime device to play custom sounds or display visual LED alerts in automations. The device uses the Sound Switch command class to play and control sounds. Read more about how to program the device and manage the sound library by scanning the QR codes below. They include detailed instructions and tips necessary to program your device. It will be a little different for each hub.

**Upload & Manage Sound Library** ↓



**Program Visual LED Alarm** ↑

**Access Advanced Settings** ↓



## HOW TO PROGRAM IT ON YOUR HUB

Choose your hub and scan the QR code with your phone's camera. Then click on the link to learn how to program the Siren & Chime device on your hub.



**Z-Box Hub**



**Home Assistant**



**SmartThings**

### ASSOCIATION

This device supports Group 1 with up to 5 devices for Lifeline Group communication and Group 2 for On/Off Control with up to 5 devices. This device will send Sound Switch Play Report and Notification Report to group 1 and Basic Set command to group 2 when the status changes.

You can set direct association to have the siren control another Z-Wave device independently of the hub by using Group 2. Not every hub exposes direct association settings in the interface so please check with your system provider for details or contact our support for help.



This product can be included and operated in any Z-Wave® network with other Z-Wave® certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

This product features the latest Security 2 (S2) framework to remove smart home network hacking risks. This device is equipped with a unique authentication code for trusted wireless communication.

### ⚠ WARNING

- This product should be installed indoors upon completion of any building renovations.
- Prior to installation, the device should be stored in a dry, dust-and-mold-proof place.
- Do not install the device in a place with direct sun exposure, high temperature, or humidity. Keep away from chemicals, water, and dust.
- Ensure the device is never close to any heat source or open flame to prevent fire.
- Ensure the device is connected to an electric power source that does not exceed the maximum load power.
- No part of the device may be replaced or repaired by the user.

### WARRANTY

This product is covered under a 12-month limited warranty and a 5-year extended warranty if registered within 30 days of purchase. To read the full warranty policy or file a warranty claim, please go to [www.getzooz.com/warranty](http://www.getzooz.com/warranty)

**IN NO EVENT SHALL ZOOZ OR ITS SUBSIDIARIES AND AFFILIATES BE LIABLE FOR ANY INDIRECT, INCIDENTAL, PUNITIVE, SPECIAL, OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, OR USE INCURRED BY CUSTOMER OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT, OR OTHERWISE EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. ZOOZ'S LIABILITY AND CUSTOMER'S EXCLUSIVE REMEDY FOR ANY CAUSE OF ACTION ARISING IN CONNECTION WITH THIS AGREEMENT OR THE SALE OR USE OF THE PRODUCTS, WHETHER BASED ON NEGLIGENCE, STRICT LIABILITY, BREACH OF WARRANTY, BREACH OF AGREEMENT, OR EQUITABLE PRINCIPLES, IS EXPRESSLY LIMITED TO, AT ZOOZ'S OPTION, REPLACEMENT OF, OR REPAYMENT OF THE PURCHASE PRICE FOR THAT PORTION OF PRODUCTS WITH RESPECT TO WHICH DA-MAGES ARE CLAIMED. ALL CLAIMS OF ANY KIND ARISING IN CONNECTION WITH THIS AGREEMENT OR THE SALE OR USE OF PRODUCTS SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING WITHIN THIRTY (30) DAYS FROM ZOOZ'S DELIVERY, OR THE DATE FIXED FOR DELIVERY IN THE EVENT OF NONDELIVERY.**

#### FCC NOTE

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT. STORE INDOORS WHEN NOT IN USE. SUITABLE FOR DRY LOCATIONS ONLY. DO NOT IMMERSE IN WATER. NOT FOR USE WHERE DIRECTLY EXPOSED TO WATER. 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.

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 according to instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in any given installation. If this equipment causes harmful interference to radio or television reception, the user may try to correct the interference by taking one or more of the following measures:

- Reorient or relocate receiving antenna
- Increase the separation between equipment and receiver
- Connect equipment into a separate outlet or circuit from receiver
- Consult the dealer or an experienced radio/TV technician for additional assistance

All brand names displayed are trademarks of their respective holders.

© Zooz 2025

ADVANCED SETTINGS (PARAMETERS)

Parameter no.	Size (bytes)	Range	Default value	Values	Label	Short Description	Full Description
1	1	0/1/2/3/4	3	0 – Play once 1 – Play in a loop for set duration (param 2) 2 – Play in a loop for set number (param 3) 3 – Play in a loop until cancelled by user 4 – No sound, LED indicator only	Playback Mode	Set siren playback mode: once (0), loop for x seconds (1), loop x times (2), loop until cancel (3), no sound (4).	Set the playback mode for the siren. Values: 0 – Play once 1 – Play in a loop for set duration (param 2) 2 – Play in a loop for set number (param 3) 3 – Play in a loop until cancelled by user 4 – No sound, LED indicator only
2	2	1~900	180	1-900 (seconds)	Playback Duration	Set playback duration for the siren (in seconds) when the siren is in plaback mode 1 (param 1).	Set playback duration for the siren (in seconds) when in plaback mode 1 (param 1).
3	1	1~99	1	1-99 (count)	Playback Loop Count	Set the number of playback loops for the selected tone when the siren is in plaback mode 2 (param 1).	Set the number of playback loops for the selected tone when the siren is in plaback mode 2 (param 1).
4	1	1~50	1	1-50	Playback Tone	Set the default tone for the siren playback. Choose the number of the file in the library as value.	Set the default tone for the siren playback. Choose the number of the file in the library as value. See documentation for default tone library and instructions how to upload your own files.
5	1	0~100	100	0 – Mute (volume off) 1-100 (volume)	Playback Volume	Set playback volume (0-100, 0 – mute).	Set the volume for siren playback. Use 0 to mute, or 1–100 to adjust volume level.
6	1	0/1/2/3/4	1	0 – LED always off 1 – LED strobe single color (set in param 7) 2 – LED strobe red and blue 3 – LED pulse single color (set in param 7) 4 – LED solid on single color (set in param 7)	LED Indicator Mode	Set the LED indicator mode for the siren: off (0), strobe (1), police strobe (2), pulse (3), solid on (4). See documentation for details.	Set the LED indicator mode for the siren: 0 – LED always off 1 – LED strobe single color (set in param 7) 2 – LED strobe red and blue 3 – LED pulse single color (set in param 7) 4 – LED solid on single color (set in param 7)
7	1	0~255	0	0 – Red 42 – Yellow 85 – Green 127 – Indigo 170 – Blue 212 – Purple 255 – White	LED Indicator Color	Set the LED indicator color: red (0), yellow (42), green (85), indigo (127), blue (170), purple (212), or white (255).	Set the LED indicator color for the siren: 0 – Red 42 – Yellow 85 – Green 127 – Indigo 170 – Blue 212 – Purple 255 – White More colors available through custom values corresponding to the color wheel. See advanced documentation for details.
8	1	10~50	20	10-50 %	Low Battery Report	Which % level should the device report low battery to the hub.	Decide when the sensor siren reports low battery to the hub.
9	1	0/1/2	1	0 – LED off (save battery) 1 – Regular LED mode (set in param 6) 2 – LED pulse white for full battery and red for low battery	LED In Back-Up Battery Mode	Set the LED indicator in back-up battery mode: off (0), regular LED mode (1), pulse white for full battery and red for low battery (2).	Set the LED indicator for the siren in back-up battery mode: 0 – LED off (save battery) 1 – Regular LED mode (set in param 6) 2 – LED pulse white for full battery and red for low battery
10	1	0/1	1	0 – Tone selection from buttons disabled 1 – Tone selection from buttons enabled	Button Tone Selection	Disable tone selection from physical buttons on the siren (0). Expert users only, see documentation for details.	Disable tone selection from physical buttons on the siren (0). When disabled, you'll only be able to program tones using the advanced paramers in the Z-Wave UI. Expert users only, see documentation for details.
11	1	0/1	1	0 – Volume adjustment from buttons disabled 1 – Volume adjustment from buttons enabled	Button Volume Selection	Disable volume adjustment from physical buttons on the siren (0). Expert users only, see documentation for details.	Disable volume adjustment from physical buttons on the siren (0). When disabled, you'll only be able to adjust volume using the advanced paramers in the Z-Wave UI. Expert users only, see documentation for details.
12	1	0/1/2/3/4/5/6	1	0 – basic set commands not sent at all 1 – Basic Set 255 (0xFF) for ON sent when playback starts, Basic Set 0 (0x00) for OFF sent when playback stops (default) 2 – Basic Set 0 (0x00) for OFF sent when playback starts, Basic Set 255 (0xFF) for ON sent when playback stops. 3 – Basic Set 255 (0xFF) for ON sent when playback starts, no report sent when playback stops. 4 – Basic Set 0 (0x00) for OFF sent when playback stops, no report sent when playback starts. 5 – Basic Set 0 (0x00) for OFF sent when playback starts, no report sent when playback stops. 6 – Basic Set 255 (0xFF) for ON sent when playback stops, no report sent when playback starts.	Basic Set Commands	Decide if and when the siren sends Basic Set commands to devices associated in Group 2.	Decide if and when the siren sends Basic Set commands to devices associated in Group 2. Values: 0 – basic set commands not sent at all 1 – Basic Set 255 (0xFF) for ON sent when playback starts, Basic Set 0 (0x00) for OFF sent when playback stops (default) 2 – Basic Set 0 (0x00) for OFF sent when playback starts, Basic Set 255 (0xFF) for ON sent when playback stops. 3 – Basic Set 255 (0xFF) for ON sent when playback starts, no report sent when playback stops. 4 – Basic Set 0 (0x00) for OFF sent when playback stops, no report sent when playback starts. 5 – Basic Set 0 (0x00) for OFF sent when playback starts, no report sent when playback stops. 6 – Basic Set 255 (0xFF) for ON sent when playback stops, no report sent when playback starts.

13	1	0~100	50	0 – Mute (volume off) 1-100 (volume)	System Message Volume	Set system message volume (0-100, 0 – mute).	Set the volume for siren system messages. Use 0 to mute, or 1–100 to adjust volume level.
14	1	0~10	5	0-10 (0 – off, 10 – high)	LED Indicator Brightness	Choose the LED indicator's brightness level (0 – off, 10 – high brightness).	Choose the LED indicator's brightness level (0 – off, 10 – high brightness).
15	1	1~84	12	1-84 hours	Battery Reporting Frequency	Set the reporting interval for battery (1-84 hours).	Set the reporting interval for battery (1-84 hours).
16	1	0~20	0	0 – Don't send reports based on threshold changes 1-20 %	Battery Reporting Threshold	Set the threshold for battery reporting in % changes. Set to 0 to disable reporting based on threshold.	Set the threshold for battery reporting in % changes. Set to 0 to disable reporting based on threshold.

COMMAND CLASSES:

- COMMAND\_CLASS\_ZWAVEPLUS\_INFO\_V2
- COMMAND\_CLASS\_TRANSPORT\_SERVICE\_V2
- COMMAND\_CLASS\_SECURITY\_2\_V1
- COMMAND\_CLASS\_SUPERVISION\_V1
- COMMAND\_CLASS\_APPLICATION\_STATUS\_V1
- COMMAND\_CLASS\_BASIC\_V2
- COMMAND\_CLASS\_SOUND\_SWITCH\_V1
- COMMAND\_CLASS\_CONFIGURATION\_V4
- COMMAND\_CLASS\_ASSOCIATION\_V2
- COMMAND\_CLASS\_ASSOCIATION\_GRP\_INFO\_V3
- COMMAND\_CLASS\_MULTI\_CHANNEL\_ASSOCIATION\_V3
- COMMAND\_CLASS\_VERSION\_V3
- COMMAND\_CLASS\_MANUFACTURER\_SPECIFIC\_V2
- COMMAND\_CLASS\_DEVICE\_RESET\_LOCALLY\_V1
- COMMAND\_CLASS\_POWERLEVEL\_V1
- COMMAND\_CLASS\_FIRMWARE\_UPDATE\_MD\_V5
- COMMAND\_CLASS\_NOTIFICATION\_V8
- COMMAND\_CLASS\_CENTRAL\_SCENE\_V3
- COMMAND\_CLASS\_INDICATOR\_V3