




# YOLINK YS7103 Siren Alarm User Guide

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**YOLINK YS7103 Siren Alarm**



## Siren Alarm

YS7103-UC, YS7103-EC Installation & User Guide Rev 1.1

Thank you for purchasing YoLink products and for entrusting us with your smart home needs! Your 100% satisfaction is our goal. If you experience any problems with setting up your new YoLink Siren Alarm, please give us a chance to assist you, before returning your purchase. We at Customer Support are here for you. If you need any assistance installing, setting up or using a YoLink product or our app.

- Find additional support and ways to reach us at: [www.yosmart.com/support-and-service](http://www.yosmart.com/support-and-service)
- Or scan this QR code with your smartphone Email us, 24/7 at: [service@yosmart.com](mailto:service@yosmart.com)
- Call us, 9AM to 5PM Pacific Standard Time at: 949\825-5958
- You may chat with us on Facebook (non-urgent matters): [www.facebook.com/YoLinkbyYoSmart](https://www.facebook.com/YoLinkbyYoSmart)



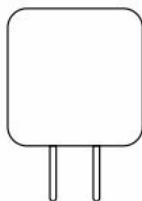
## In the Box

- A. Siren Alarm
- B. AC/DC Adapter
- C. USB Cable
- D. Quick Start Guide

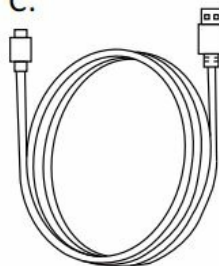
A.



B.



C.



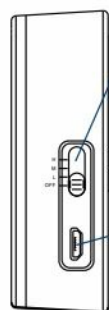
D.



## Introduction

The YoLink Siren Alarm is a smart audible/visible alarm device with both a very loud (100 – 110dB) siren and four multi-color LED lights. The Siren Alarm can be controlled from your phone using the YoLink app, by automation settings (for example, when a door or window is opened), and by other devices using YoLink Control (see page 15). It can also be controlled by the button on the front (for example, as a panic alarm). The device may be powered by USB power using the included USB cord and power adapter/power supply) or by battery power (two AA batteries, not included). The device can operate during a power outage on battery power (duration may vary based on condition of batteries).

**Note:** unit must be powered-up on USB power, regardless of if batteries are installed – see page 23 for more information



### Power/Sound Level Switch

- Adjust alarm sound level: High (H); Medium (M); Low (L)
- OFF: Power off the device

### Micro USB Port

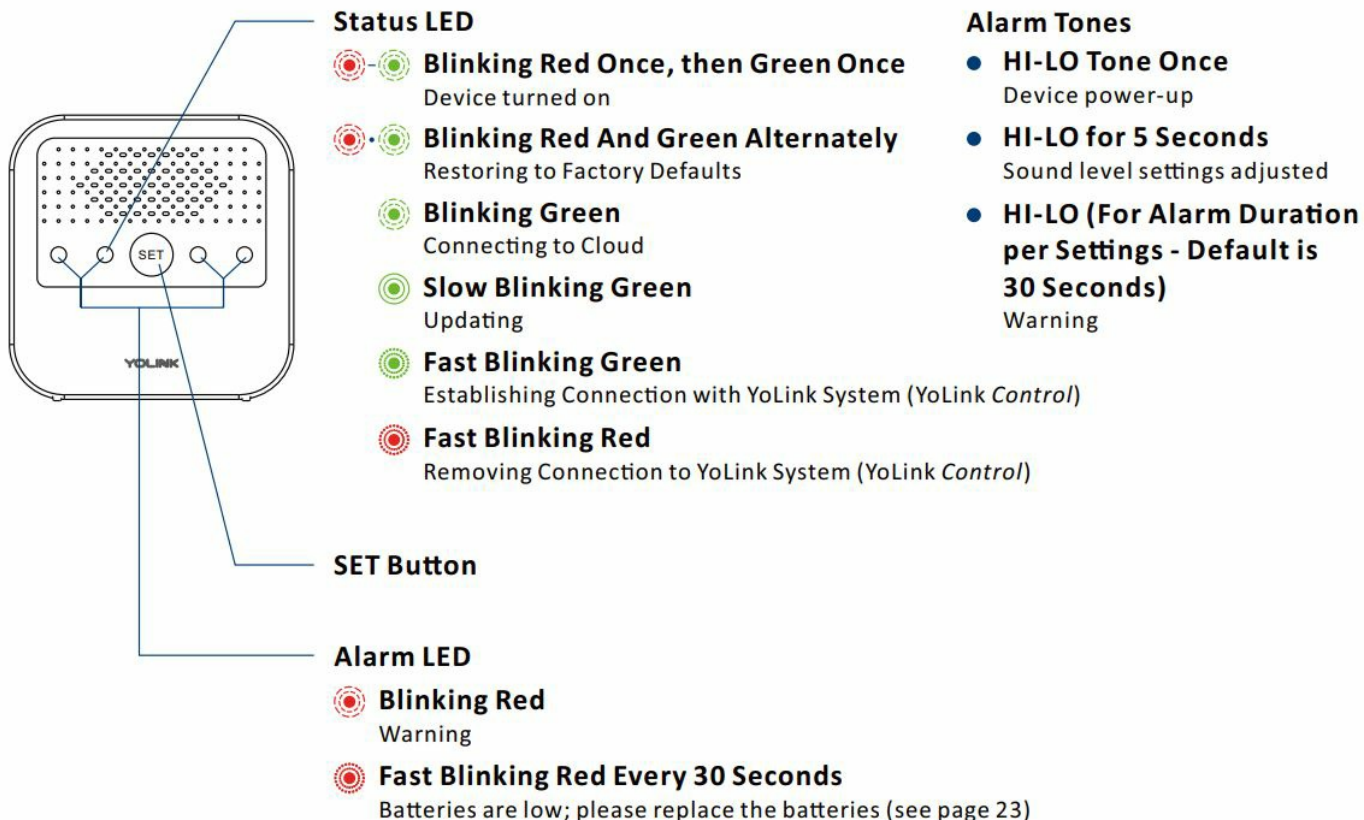


### Mounting Slot

Hang the siren on the wall with a screw or nail

### Battery Compartment

Houses two AA non-rechargeable batteries (not included)



## Set Up

### C-1. Set Up – First-Time YoLink Users (Existing users proceed to C-2. Add Device, next page)

1. Download the YoLink app through Apple App Store or Google Play Store (Search in the store or use the QR code on the right)

- Apple iPhone or tablet that is iOS 9.0 or higher, or an Android phone or tablet that is Android 4.4 or higher



2. Log in to the YoLink app

- Create a new account if required

Username

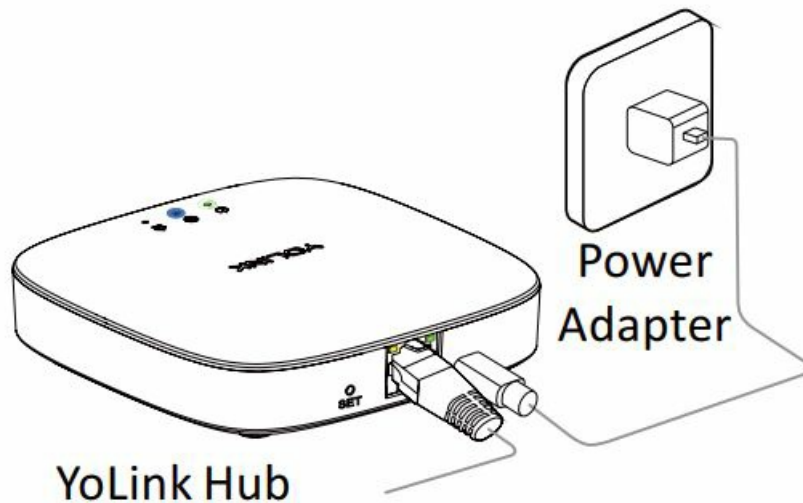
Password

Forgot Password?

SIGN IN

Sign up for an account

3. The YoLink Hub is required to set up your Siren Alarm. Please set up your YoLink Hub first (refer to YoLink Hub manual)



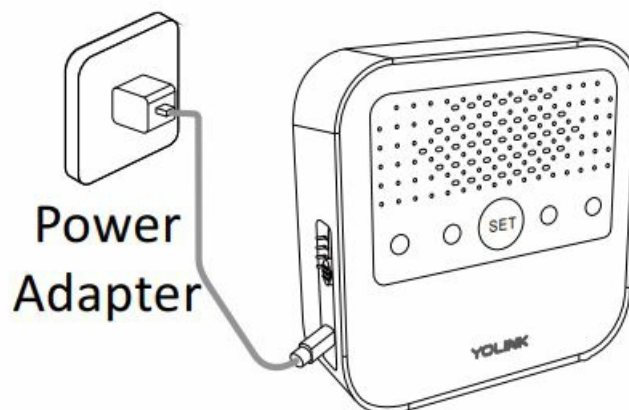
1. Make sure your Hub is connected to the internet (green LED indicator is blinking, blue LED indicator is always on)
2. Ethernet patch cable (included) to your network (router, switch, etc.), recommended. Otherwise connect your Hub to your home 2.4 GHz Wi-Fi network (only when necessary). Refer to the Hub set up manual for more information:
  - YS1603-UC User Guide

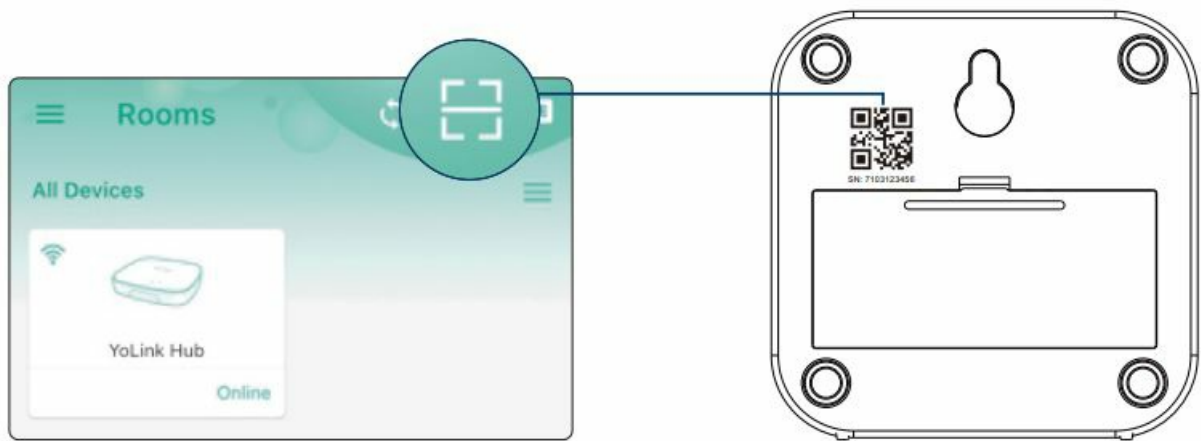


### Add Device



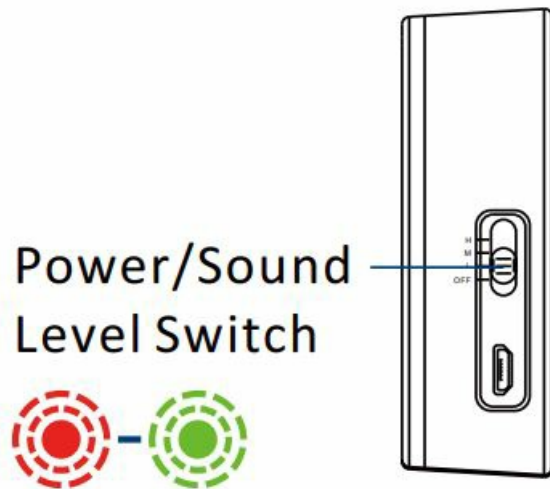
1. Tap " " button, then scan QR Code on the device. Follow the steps to add the device
2. Charge the device using the provided power adapter





- You must press “Bind Device” to pair the device to your account

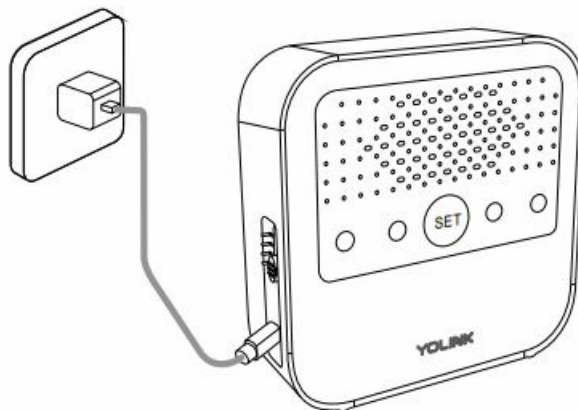
3. Set the Power/Sound Level Switch to High (H) or Medium (M) or Low (L) level, the LED indicator will blink several times (red, then green). The green LED indicates the device is online and ready to use



1. You will need to press the SET button once again if the device failed to connect to the cloud
2. Pressing the SET button at any other time after this initial process will result in the Alarm LED blinking red, only. This indicates the device is connected to the cloud and is functioning normally
3. If the red LED does NOT blink as noted this may indicate a problem with the siren. Please see the troubleshooting section and the contact section for technical support

## Device Placement

Place Where to Obtain Audible /Visible Alarm (Near An Outlet)

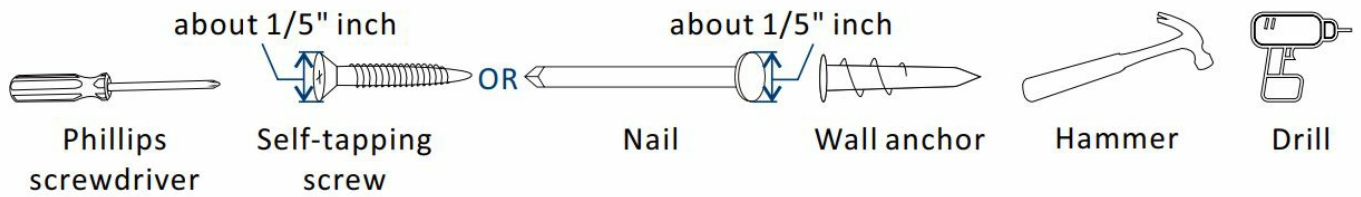


1. Ensure your device is placed on a stable surface or mounted securely on a wall or other surface
2. Please refer to device environmental operating range information on page 24. Use this device outside the

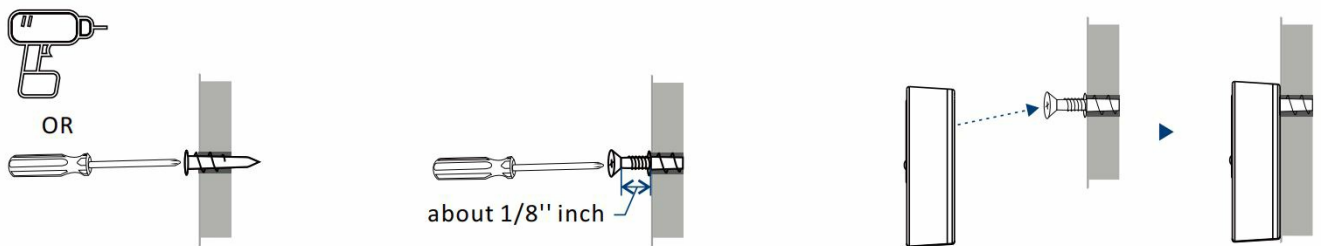
recommended ranges at your own risk

### Wall-Mounting Where to Obtain Audible/Visible Alarm (near An Outlet)

These tools may be required (Choose nail or screw & anchor method)



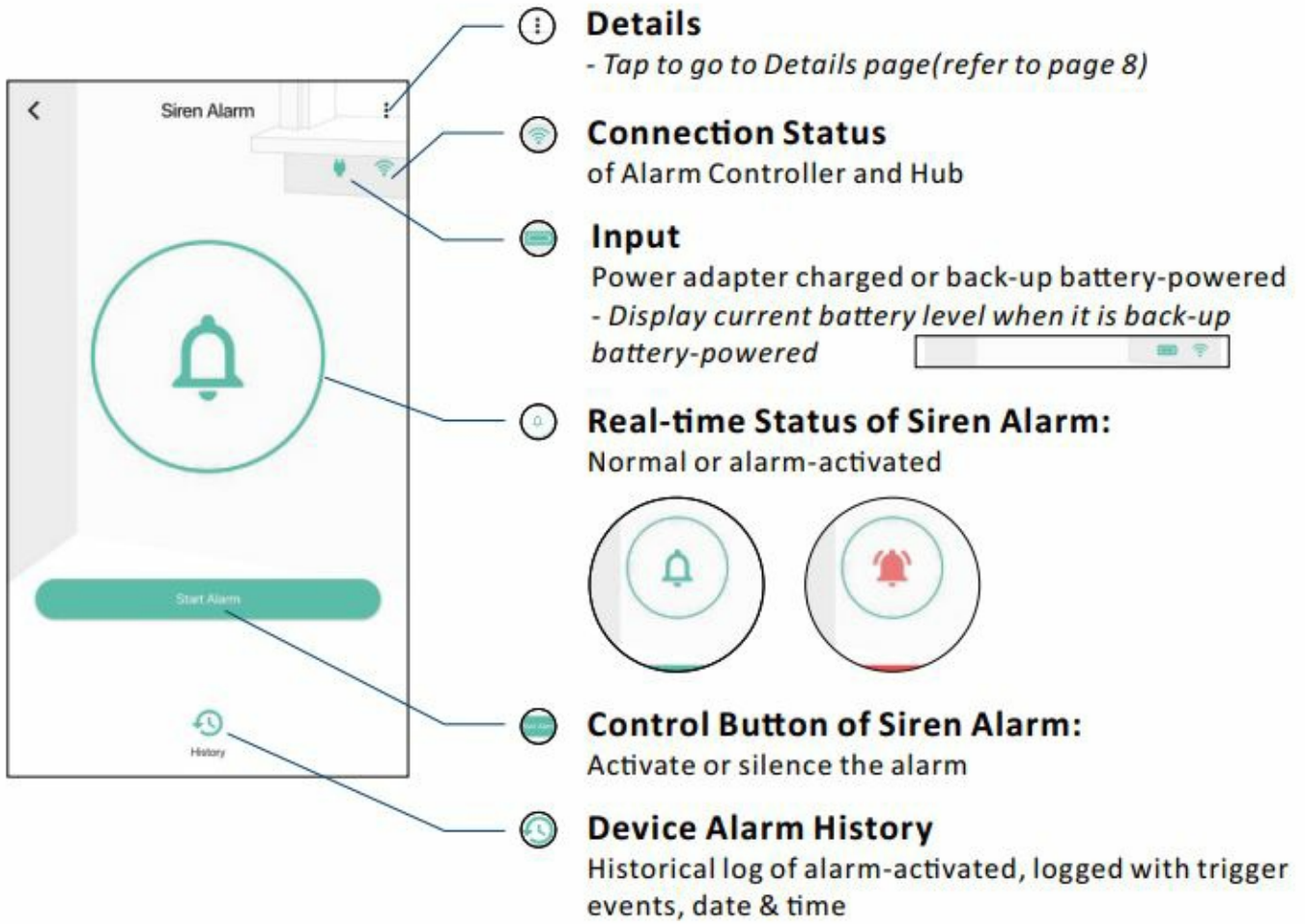
1. Install wall anchor in the wall
2. Install screw in anchor (or nail in wall) with about 1/8" gap left
3. Hang siren on screw (or nail) using the mounting hole



### Using the YoLink App

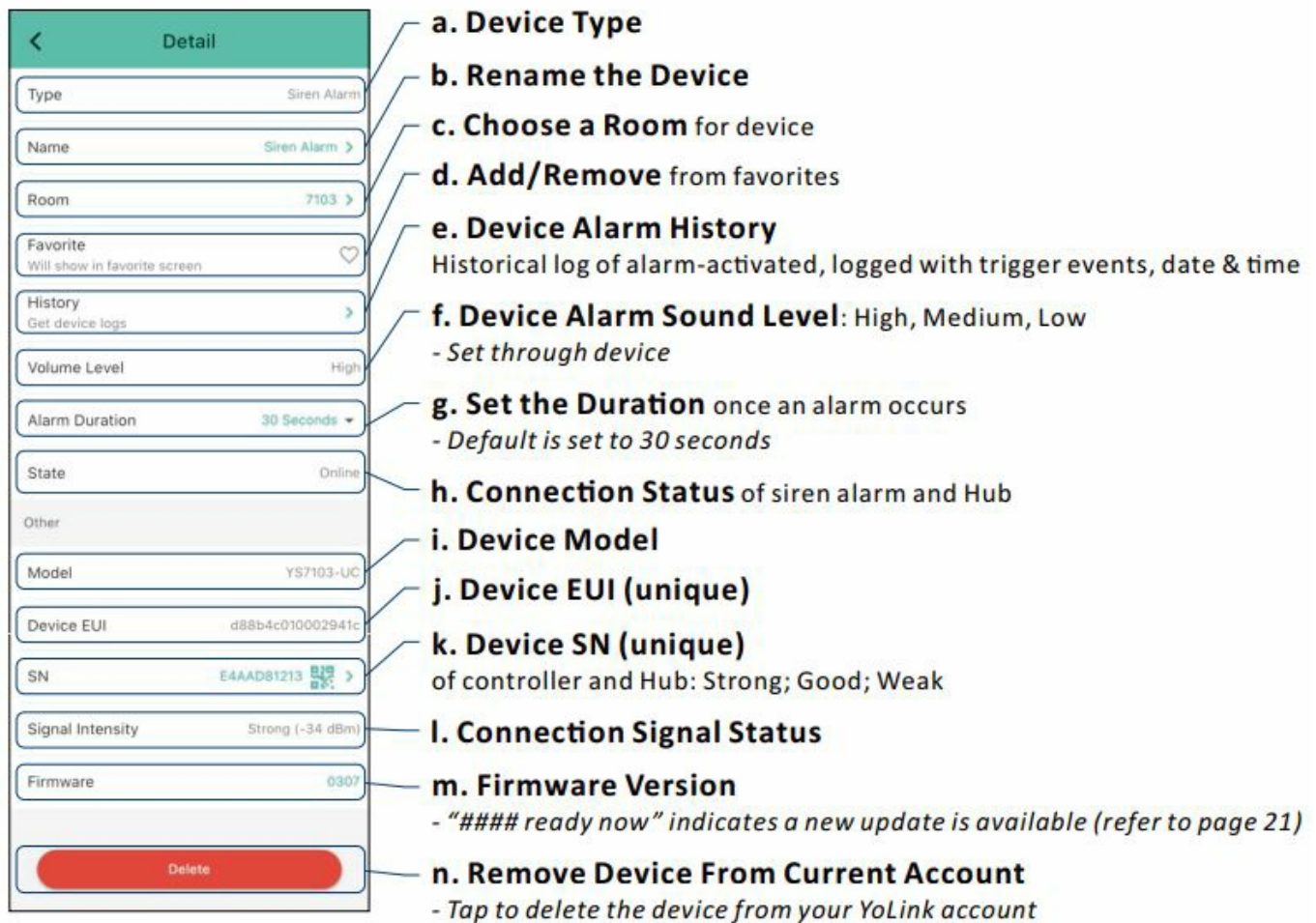
Device page





Details page





## Device Alerts

### What events can activate the Siren Alarm's sounder and lights?

- The SET button has been pressed once (this enables the sounder and lights)
- Tap the Start Alarm button in the YoLink app
- When motion is detected (by a YoLink Motion Sensor, sold separately)
- When a water leak is detected (by a YoLink Water Leak Sensor, sold separately)
- When a door or window is opened/closed (detected by a YoLink Door Sensor, sold separately)
- Press the associated ON button on a YoLink Remote (sold separately)

### How can I disable the Siren Alarm's sounder and lights?

- The SET button has been pressed once (this disables the sounder and lights)
- Tap the Stop Alarm button in the YoLink app
- Press the associated OFF button on a YoLink Remote (sold separately)
- You can automatically silence the alarm in Settings by changing the Alarm Duration setting in the YoLink app. Possible automatic-silence settings are 10 seconds to 1 hour (30 seconds is default). Otherwise, change to Forever and the siren will sound until silenced by the user or removal of power

## Note

- Devices configured in an automation or YoLink Control can automatically activate the siren (see YoLink Control on page 15 and Automations on page 11)
- When Siren Alarm configured in the Alarm Strategy settings, enabled devices alert settings can automatically activate the siren (see Alarm Strategy on page 13)
- If it is unclear what caused the siren to activate, see the History page on the app for details about what device activated the siren
- If configured via the Alarm Duration settings in the app, the siren will silence automatically
- Additional device collaboration may be available. YoLink products are continuously being improved, with new features and capabilities being added at any time. Check our website for up-to-date information on our entire product line

### **Automation (Set Up Rules For “If This Then Do That”)**

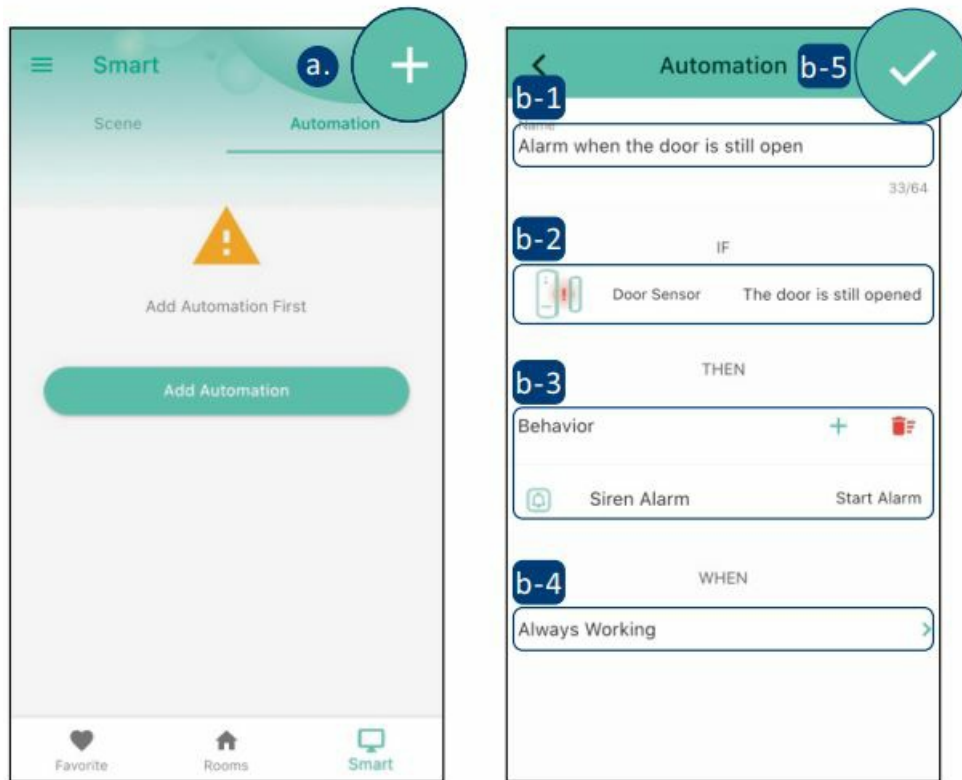
The most popular use for our YoLink Siren Alarm is to activate the alarm automatically in the response to events such as door has been opened, motion has been detected; water leak has been detected, etc. Generally, you have two options for this:

- **Option 1.** Configure an Automation in the app. Settings you make in the app will “tell” the siren alarm to activate alarm once an event occurred. In automation terms, this would be written out “IF an event occurred such as “door is opened”, “motion is detected”, “water leak is detected”, etc, THEN activate alarm.” This is a simple process in our app, and if this is your first time with a smart device and with automation, we will explain it clearly in this section
- **Option 2.** Utilize YoLink Control to “pair” one or more door sensors/motion sensors/water leak sensors to the siren alarm, so that the siren alarm is activated as soon as a door is opened, a motion is detected, a water leak is detected, etc. YoLink Control is a unique device-to-device protocol that allows for this to work, without internet and even without power. YoLink Control is explained on.

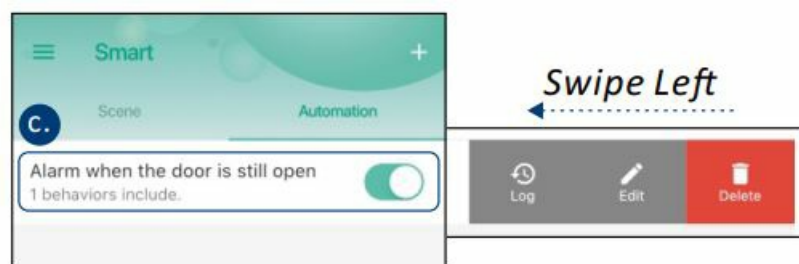
### **How to Set Up an Automation (See Illustration Next Page)**


- Go to the “Smart” screen, tap “Automation”

The Siren Alarm can be set as an action device, with two options: Activate Alarm or Silence Alarm




- Tap the “+” icon to add an automation
- Add an automation
  - b-1 Edit name
  - b-2 Edit trigger
  - b-3 Edit behavior You must have at least one action device, or you cannot set a behavior)
  - b-4 Edit when (Set a time range for the automation (always or during specific days or times)
  - b-5 Tap to save the settings



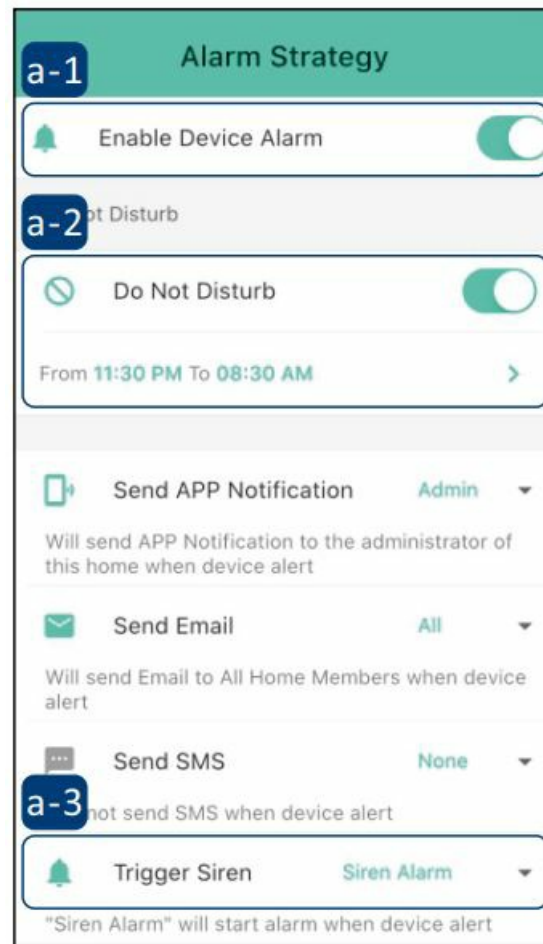
- Click to edit the automation
  1. Tap “” button to enable or disable the automation
  2. Swipe left to view the history logs and to edit or to delete the automation

### Alarm Strategy

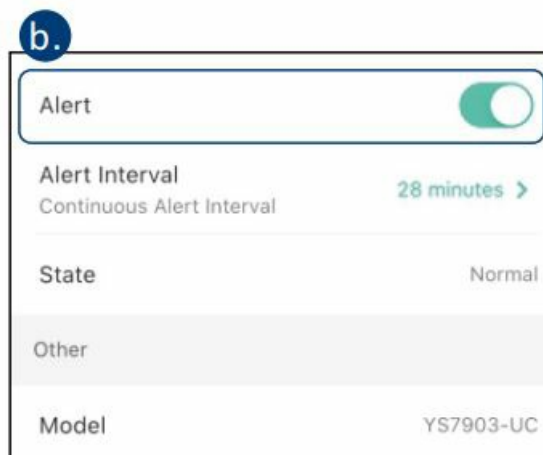
Set up rules to activate siren alarm when a device alert is detected (such as Water Leak Sensor, Motion Sensor, etc.). Follow instructions below to enable Device Alert first

- Tap “” in the upper left corner to go to My Profile
- Go to Settings > Alarm Strategy for notifications preferences settings (Only support Host account)
  - a. Alarm Strategy Settings
  - a-1 The alarm strategy should be enabled (Notification will be sent)

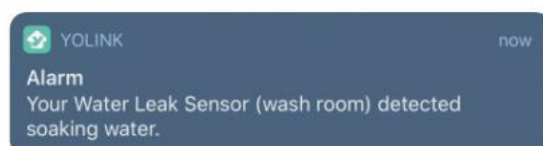
- a-2 Notification will not be sent during the Do Not Disturb time
- a-3 Select a siren alarm



- Device Alert should be enabled




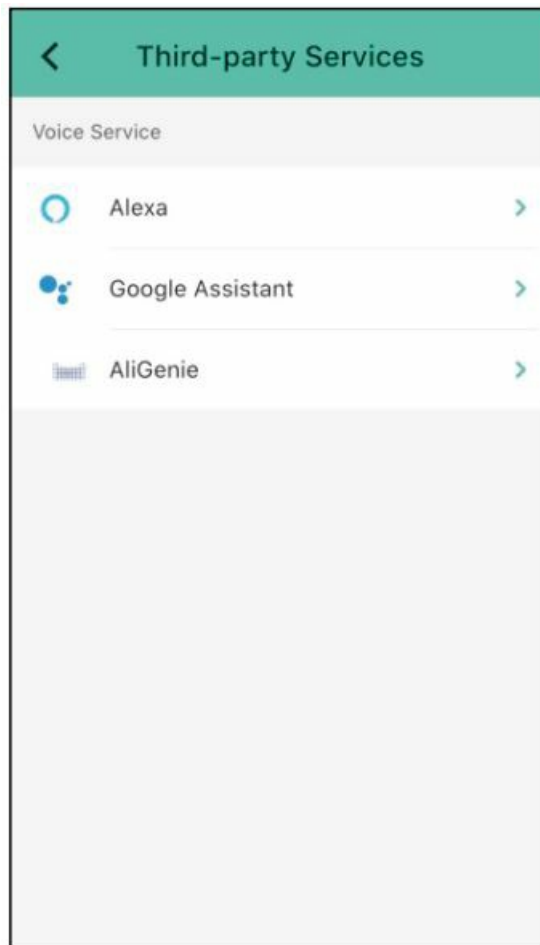
- Siren alarm will be activated when an alert is received



## Voice Assistants

Connect YoLink with third-party voice assistants to control (turn on or turn off) or monitor the status of your devices through voice commands

- Tap “” in the upper left corner to go to My Profile
- Go to Settings > Voice Assistants for the applicable voice assistant integration guide



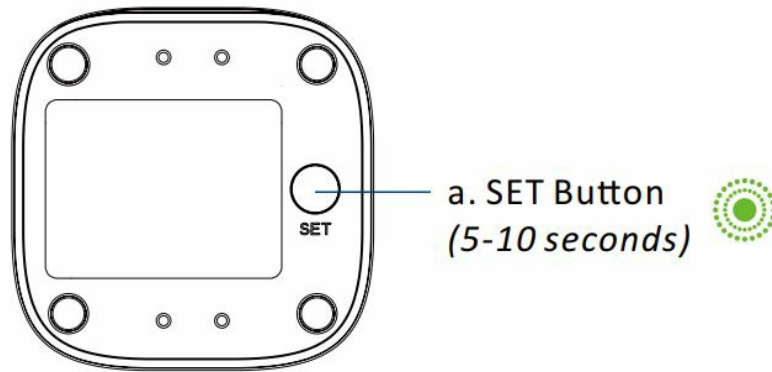
1. The YoLink Siren Alarm works with Alexa and Google Assistant and also with IFTTT.com
2. For Alexa and Google, it can be controlled by voice command, from the associated app (e.g. press “ON” button for the Alexa app), and it may be included as a behavior or output for routines [IFTTT.com](https://ifttt.com) allows for control of the YoLink Siren Alarm via custom applets
3. Refer to the associated app for additional information specific to the integration platform. Additional information may also be found on our website at [www.yosmart.com/support-and-service](http://www.yosmart.com/support-and-service), and is also available from Customer Support. Refer to page 29 for contact information.

## About YoLink Control

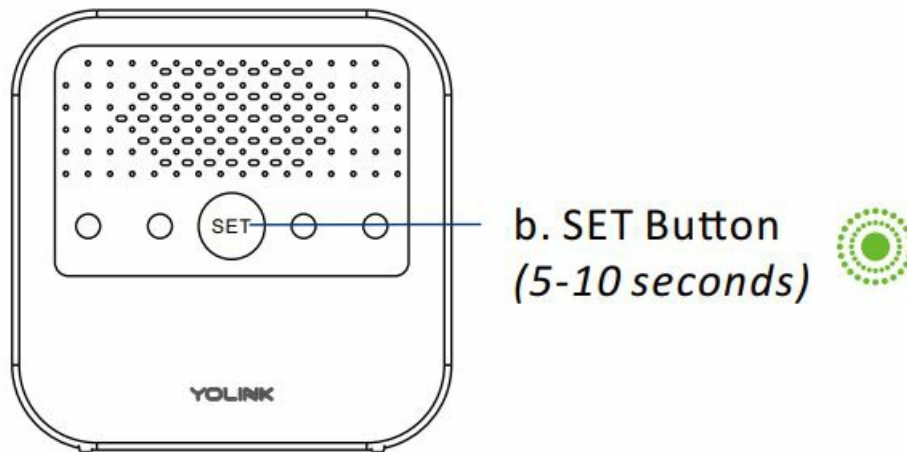
YoLink Control is our unique device-to-device control technology. Using YoLink Control, YoLink devices can be controlled without the Hub or an internet connection. (Use of YoLink Control is optional; you can use the Automation feature in the app OR use YoLink Control, but YoLink Control offers the benefit of operation without the Hub or internet connection.) One device controls another, directly. A device that sends out commands is called the controller. A device that receives the commands is called the responder. Examples of a controller are a Water Leak Sensor, while examples of a responder are a YoLink Siren Alarm or a YoLink Plug Mini The YoLink Siren Alarm can only work as the responder of YoLink Control

## Pairing

To configure your Water Leak Sensor as a controller, Press and hold the SET button for 5-10 seconds until the LED quickly blinks green, then, release the button



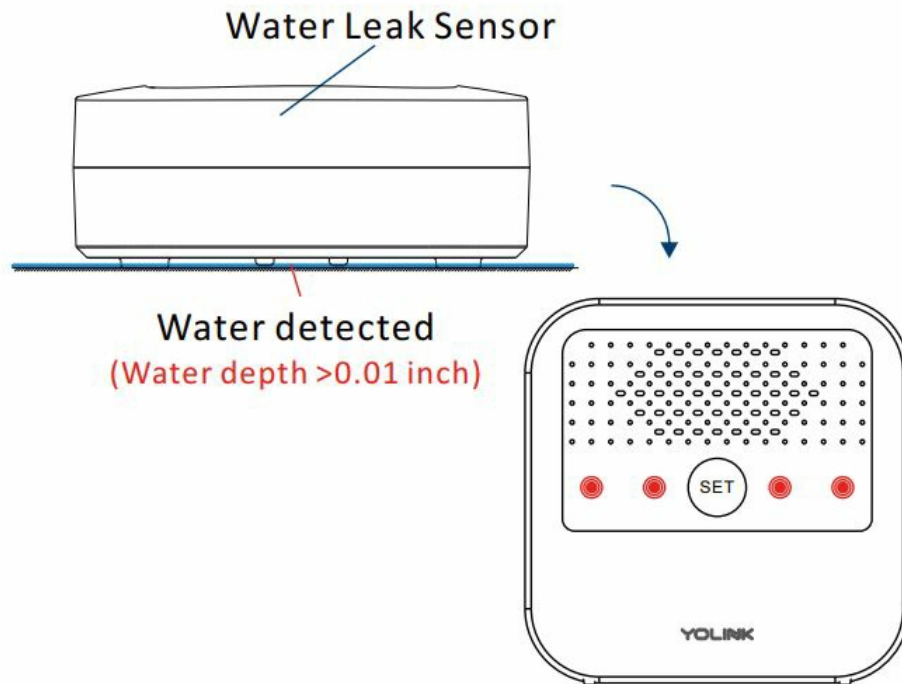
- To configure a Siren Alarm as the responder, Press and hold the SET button for 5-10 seconds until the LED quickly blinks green, then, release the button



- Upon pairing, the LED will stop blinking (this may happen after only blinking two or three times)

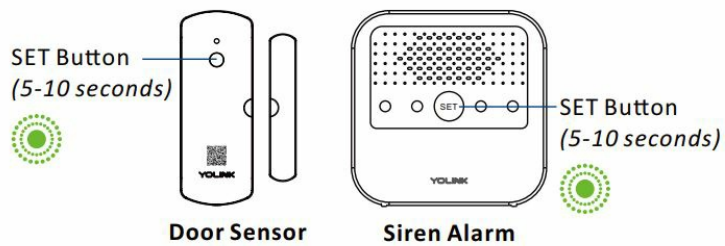
## Operation

- When the Water Leak Sensor detects water, the Siren Alarm will now immediately activate alarm. The Siren Alarm will remain activated until silenced via the app or using the SET button of controller; the restoral of the Water Leak Sensor to normal (no water detected) does not silence the siren alarm
- More advanced sequences, controlling multiple outputs (e.g. activate siren alarm when the door is left open) are available via the YoLink app

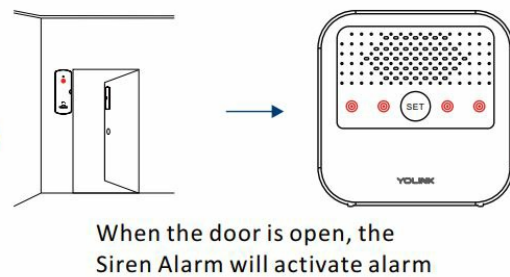


### Diagram of YoLink Control of other devices act as a Controller

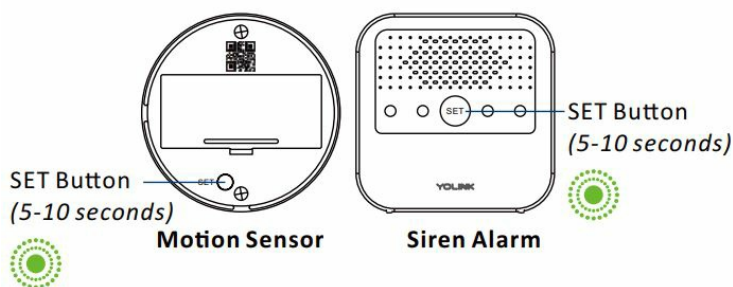
#### Pairing



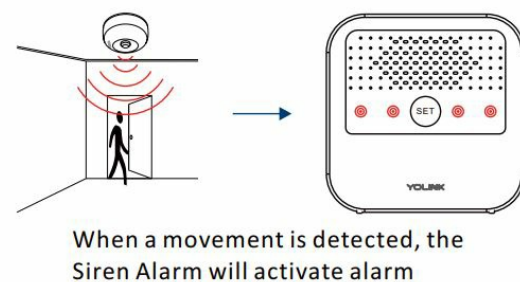
#### Operation (\* You will need to silence the Siren Alarm manually)



#### Pairing

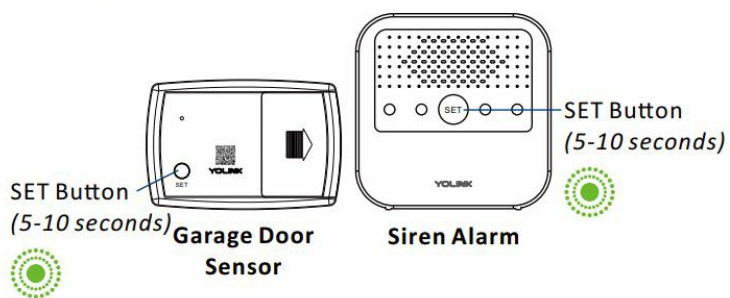


#### Operation (\* You will need to silence the Siren Alarm manually)

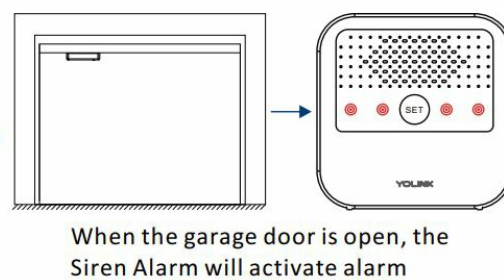




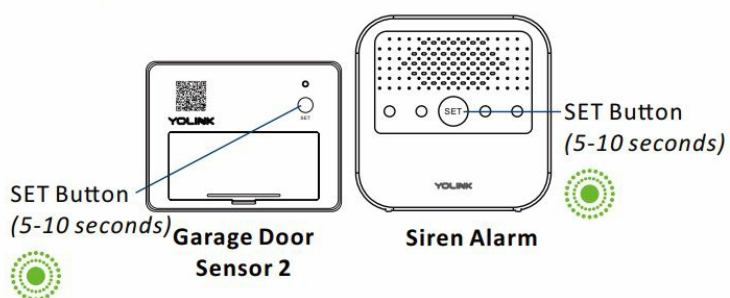
## Pairing



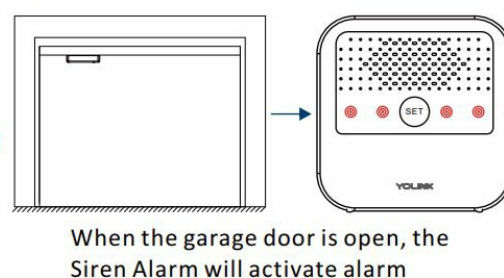
## Operation (\* You will need to silence the Siren Alarm manually)



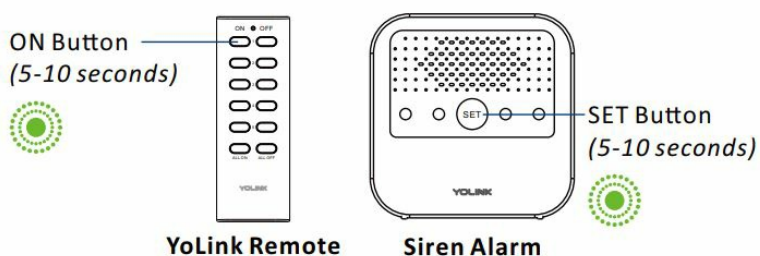
## Pairing



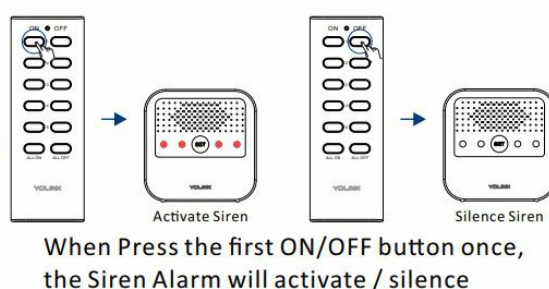
## Operation (\* You will need to silence the Siren Alarm manually)



## Pairing

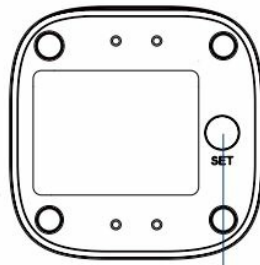


## Operation

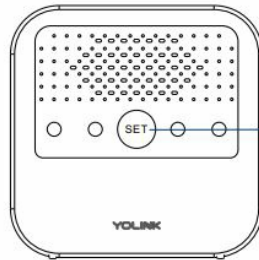
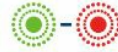


## Unpairing

1. At the Water Leak Sensor (controller), press and hold the SET button for 10-15 seconds until the LED quickly blinks green, then red, then, release the button.
2. At the YoLink Siren Alarm (responder), press and hold the SET button for 10-15 seconds, until the LED quickly blinks green, then red, then, release the button
3. Upon un-pairing, either the Water Leak Sensor LED or the Outdoor Siren Controller LED will stop blinking and turn off
4. The Siren Alarm will no longer respond to the Water Leak Sensor



a. SET Button  
(10-15 seconds)



b. SET Button  
(10-15 seconds)

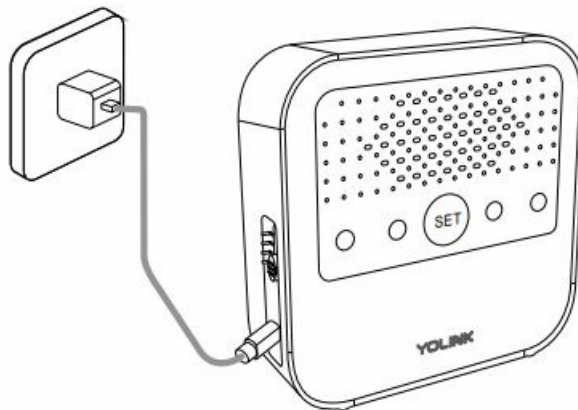


## Maintenance

### Firmware Update


To ensure our customers have the best user experience, we highly recommend you update to the newest version firmware when an update is available

- In "Firmware", if a new version is listed as available (#### ready now, click it to start the firmware update process You may use your device during the update as it is performed in the background. The LED light will slowly blink green during the update and the process will be complete within 2 minutes after the light stops blinking





<
Detail

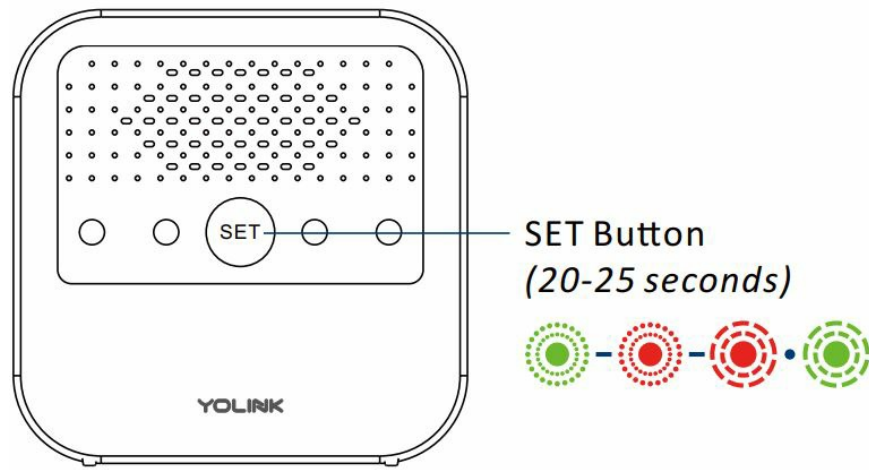
Volume Level	High
Alarm Duration	30 Seconds ▼
State	Online
Other	
Model	YS7103-UC
Device EUI	d88b4c010002941c
SN	E4AAD81213  >
Signal Intensity	Strong (-34 dBm)
Firmware	0307 0308 ready now

Delete

## Factory reset

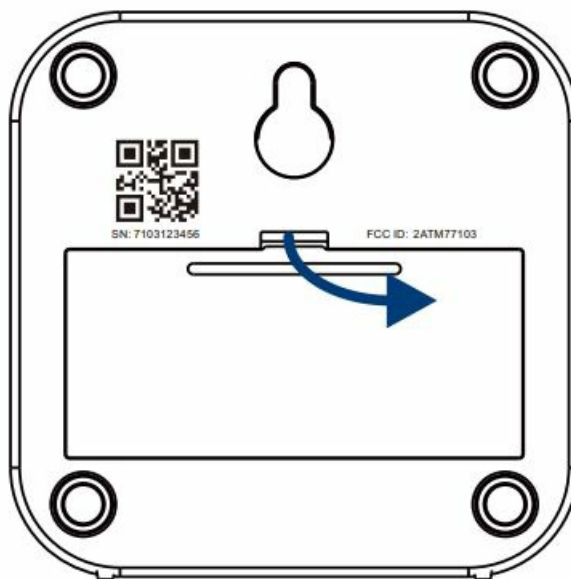
Factory reset will erase all of your settings and restore it to factory defaults. After the factory reset, your device will remain in your Yalink account

- Hold restine our 0 these uttera latele red andeen the rator reset operation)
- Factory reset will be complete when the status light stops blinking

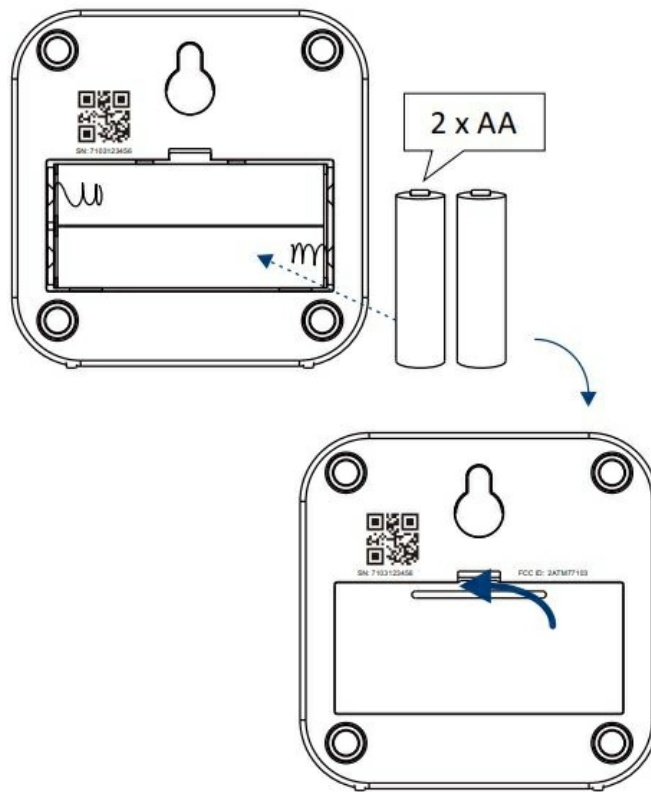


### Install/Replace the Batteries

1. Remove the battery cover by gently prying with your fingertip or tool at the edge as shown



2. Install (or replace) two new AA batteries and close the cover



3. Using the app, check the online status of the sensor and verify there is no low-battery indicator
  1. Batteries are optional if you use the included power adapter, but are recommended as your device can continue to function during extended power outages
  2. To avoid sudden loss of operation, please replace the batteries as soon as possible when they are indicated as low
  3. The power adapter is required to power-up the device
  4. Do not mix a new battery with an old one

## Specifications

- **Voltage:**
  - DC 5V/1A (Micro USB) / DC 3V (2-AA Batteries)
- **Back-up Battery Life:**
  - Roughly 3 days
- **Siren Volume:**
  - **High(H):** 110dB
  - **Medium(M):** 104dB
  - **Low(L):** 100dB
- **Dimensions:**
  - 3.15 x 3.15 x 0.99 inches (80 x 80 x 25 millimeters, L x W x D)
- **Environment:**
  - Temperature: 32°F – 122°F (0°C – 50°C) Humidity: ≤90% non-condensing

## Wireless Specifications (Model: YS7103-EC)

- **Description:**
  - Siren Alarm

- **Operation Frequency(CE):**
  - SRD(X): 863.1 MHz
- **Max RF Output Power(CE):**
  - SRD: 3.78 dBm

## **Wireless Specifications (Model: YS7103-UC)**

- **Description:**
  - Siren Alarm
- **Operation Frequen**
  - SRD(X): 863.1 MHz
- **Max RF Output Powe**
  - SRD: 3.78 dBm

## **Troubleshooting**

### **Hardware**

**Batteries:** Batteries should be brand new, name brand “AA” alkaline type. Refer to “Warnings” Section on page 27

### **Symptom**

#### **Device is offline**

- If siren alarm is not connected to the cloud, press the SET button on siren alarm once
- If Hub is offline, reconnect the Hub to the Internet and press the SET button on siren alarm once
- If Hub is not on, power on the Hub again and press the SET button on siren alarm once
- If siren alarm is out of range with Hub, relocating the siren alarm or Hub may be required
- For a device with low-battery indicators or alerts or if the condition of the batteries is in question, replace the batteries with two premium “AA” alkaline batteries

Other issues, contact customer service, 1-949-825-5958 (M-F 9am – 5pm PST)

### **Warning**

- The Siren Alarm’s sounder can be extremely loud! To avoid uncomfortable sound levels, do not place the siren at locations close to you or others. Utilize a lower sound level and consider farther away, to avoid surprising or harsh sound levels
- Please install, operate and maintain the Siren Alarm only as outlined in this manual. Improper use may damage the unit and/or void the warranty
- Use only the supplied power supply. Other voltages (120V, etc.) will damage the device, and power supplies other than the supplied unit may damage the device. Such damage is not covered by the warranty (applicable only to products with power supplies)
- Do not install or use this device outside of the temperature and humidity range listed in the Environmental section in Specifications, on page 24
- Do not install or use this device where it will be subjected to high temperatures and/or open flame

- This device is not waterproof and is designed and intended only for indoor use. Subjecting this device to outdoor environment conditions such as direct sunlight, extreme hot or cold temperatures, rain, water and/or condensation can damage the device and will void the warranty
- Install or use this device only in clean environments. Dusty or dirty environments may prevent the proper operation of this device, and will void the warranty
- If your Siren Alarm does get dirty, please clean it by wiping it down with a clean, dry cloth. Do not use strong chemicals or detergents, which may discolor or damage the exterior and/or damage the electronics, voiding the warranty
- Do not install or use this device where it will be subjected to physical impacts and/or strong vibration. Physical damage is not covered by the warranty
- Please contact Customer Service before attempting to repair disassemble or modify the device, any of which can void the warranty and permanently damage the device (the rest is for battery-equipped warning)
- Use only new, name brand, alkaline non-rechargeable AA batteries
- Do not use rechargeable batteries
- Do not use zinc blend batteries
- Do not mix new and old batteries
- Do not puncture or damage batteries. Leakage can cause harm on skin contact, and is toxic if ingested
- Do not dispose of batteries in fire as they may explode! Please follow local battery disposal procedures
- To avoid damaging the device, if storing the device for an extended period, remove the batteries

If you have any difficulties installing or using YoLink products, please contact our Customer Service department during business hours:

US Live Tech Support: 1-949-825-5958 M-F 9am – 5pm PST

- Email: [service@yosmart.com](mailto:service@yosmart.com)
- YoSmart Inc. 15375 Barranca Parkway, Ste G-105 Irvine, CA 92618, USA

## Warranty

### 1 Year Limited Electrical Warranty

YoSmart warrants to the original residential user of this product that it will be free from defects in materials and workmanship, under normal use, for 1 year from the date of purchase. User must provide a copy of original purchase receipt. This warranty does not cover abuse or misused products or products used in commercial applications. This warranty does not apply to devices that have been improperly installed, modified, put to a use other than designed, or subjected to acts of God (such as floods, lightning, earthquakes, etc.). This warranty is limited to repair or replacement of the device only at YoSmart's sole discretion. YoSmart will NOT be liable for the cost of installing, removing, nor reinstalling this product, nor direct, indirect, or consequential damages to persons or property resulting from the use of this product. This warranty only covers the cost of replacement parts or replacement units, it does not cover shipping & handling fees To implement this warranty please give us a call during business hours at 1-949-825-5958, or visit [www.yosmart.com](http://www.yosmart.com)

## FCC Statement

- **Product Name:** Siren Alarm
- **Model Number:** YS7103-UC, YS7103-UA
- **Responsible Party:** YoSmart Inc.



- **Address:** 15375 Barranca Parkway, Ste G-105 Irvine, CA 92618, USA
- **Tel:** 1-949-825-5958
- **E-mail:** [service@yosmart.com](mailto:service@yosmart.com)

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 for help

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
  2. This device must accept any interference received, including interference that may cause undesired operation.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

**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.

#### **FCC RF radiation exposure statement**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. "To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

#### **CE Mark Warning**

- **Product Name:** Siren Alarm
- **Model Number:** YS7103-EC, YS7103-EA
- **Responsible Party:** YoSmart Inc.
- **Address:** 15375 Barranca Parkway, Ste G-105 Irvine, CA 92618, USA
- **Tel:** 1-949-825-5958
- **E-mail:** [service@yosmart.com](mailto:service@yosmart.com)

The host manufacturer has the responsibility that the host device should be compliance with all essential requirement of RER. This restriction will be applied in all member states. The simplified UK declaration of conformity referred shall be provided as follows: Hereby, YoSmart Inc. declare that the radio equipment type Siren Alarm is in compliance with Directive UK Radio Equipment Regulations (SI 2017/1206); UK Electrical Equipment (Safety) Regulation (SI 2016/1101); and UK Electromagnetic Compatibility Regulations (SI 2016/1091); The full


text of the UK declaration of conformity is available at the following internet address: 15375 Barranca Parkway, Ste G-105 Irvine, CA 92618, USA

This device complies with Industry Canada licence-exempt RSS standard(s). 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. To maintain compliance with RSS-102 RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

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## Documents / Resources

 <b>YOLINK</b> Siren Alarm YS7103	<a href="#">YOLINK YS7103 Siren Alarm</a> [pdf] User Guide YS7103 Siren Alarm, YS7103, Siren Alarm, Alarm
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## References

- [User Manual](#)