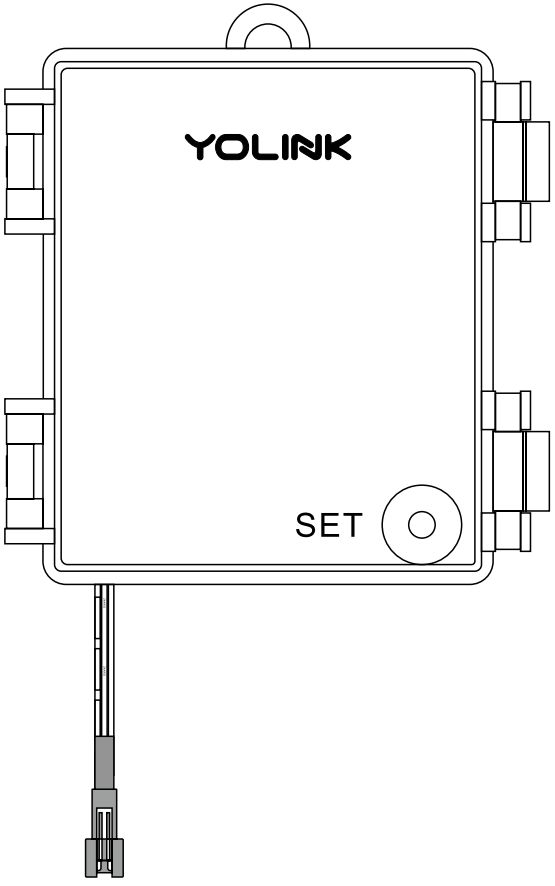




YOLINK

Outdoor Alarm Controller

YS7104-UC

Installation & User Guide

Rev 1.0

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 Outdoor Alarm Controller, 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

Or scan this QR code with your smartphone

Email us, 24/7 at:

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

Sincerely,

Queenie, Clair, James, Eric

Customer Support Team

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Revised: 05/07/2021

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A. In the Box

Box 1

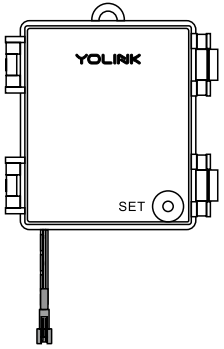
A. Outdoor Alarm Controller

B. Mounting Hook

C. Quick Start Guide

> Batteries are not included. This device requires four AA batteries. For outdoor applications, especially extreme hot or cold temperature, we recommend lithium type AA batteries, for optimal performance.

A.



B.



C.

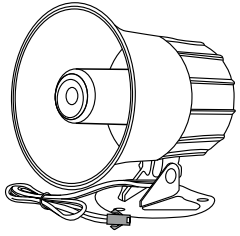


Box 2 (Optional Accessory)

A. Siren Horn

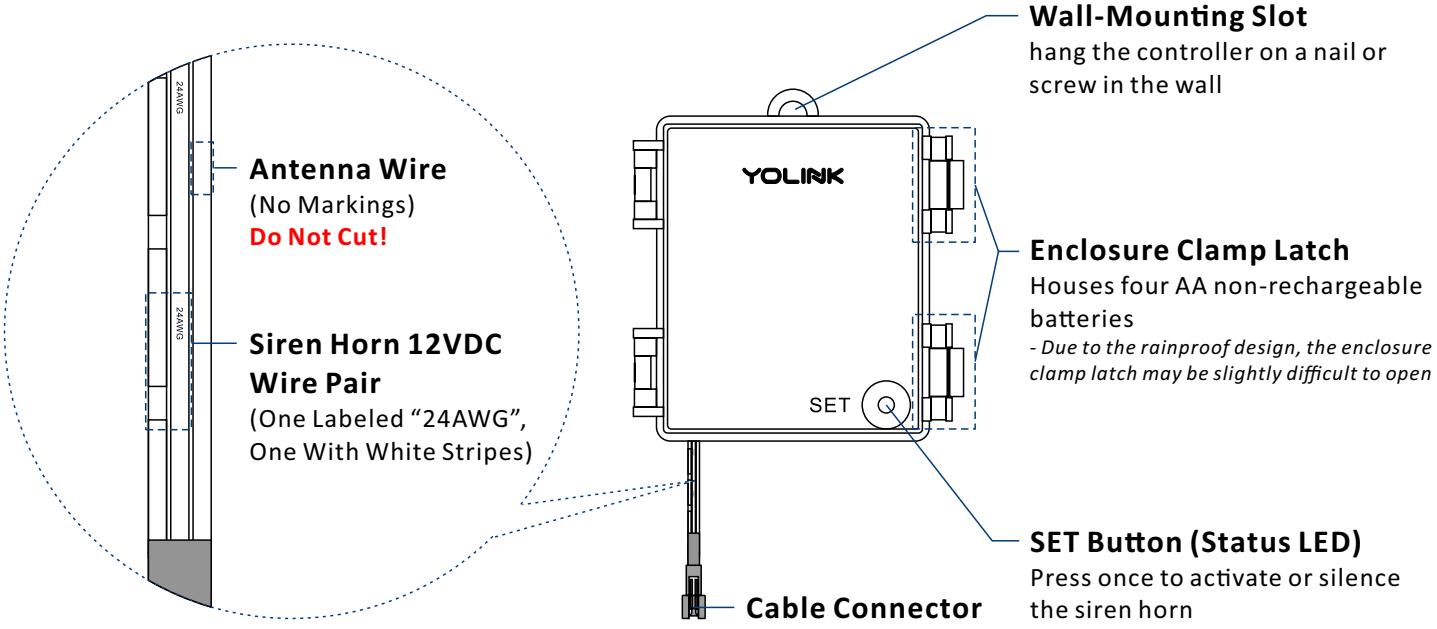
> Wall screws (M6, required) not included

A.

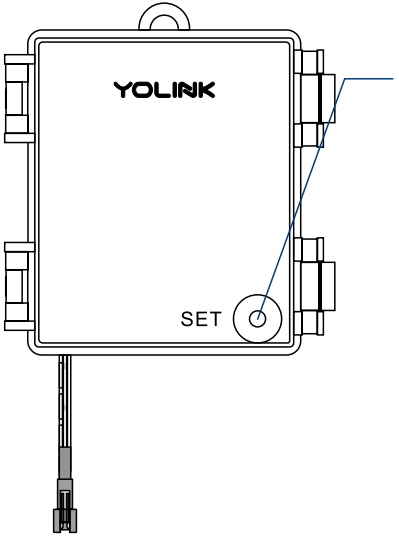


B. Introduction

The YoLink Outdoor Alarm Controller is a smart device that can control a 12 VDC siren horn or any other 12VDC, maximum 400mA (resistive) alarm devices remotely with the YoLink app on your smartphone or tablet or using the SET button on the device. Pressing "Activate Alarm" or "Silence Alarm" on the app will activate or silence the alarm device.



The LED light indicates the current status of the Outdoor Alarm Controller:



Blinking Red Once, Then Green Once
Device turned on

Blinking Red And Green Alternately
Restoring to Factory Defaults

Blinking Green Once
Activate the siren horn

Blinking Green
Connecting to Cloud

Slow Blinking Green
Updating

Fast Blinking Green
Establishing Connection with YoLink System (YoLink *Control*)

Blinking Red Once
Silence the siren horn or device is connected to the cloud and is functioning normally

Fast Blinking Red
Removing Connection to YoLink System (YoLink *Control*)

Fast Blinking Red Every 30 Seconds
Batteries are low; please replace the batteries (see page 30)

C. 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)

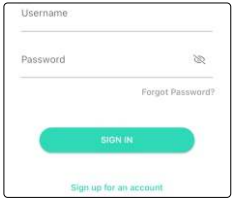
Available on the App Store

Google Play

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

---

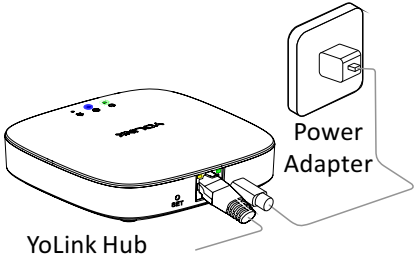
2. Log in to the YoLink app



> Create a new account if required

---

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

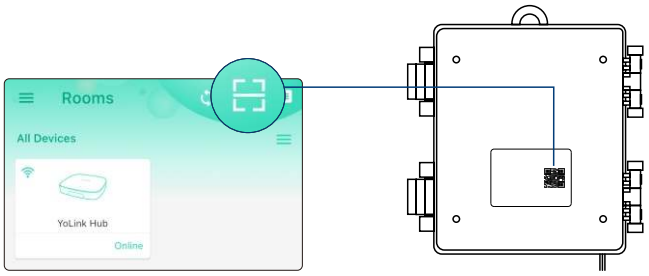


> 1. Make sure your Hub is connected to the internet (green LED indicator is blinking, blue LED indicator is always on)
>
> 2. Ethernet patch cable (included) to your network (router, switch, etc.), recommended. Otherwise connect your Hub to your home 2.4 GHz Wi-Fi network (only when necessary). Refer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

C-2. Add Device

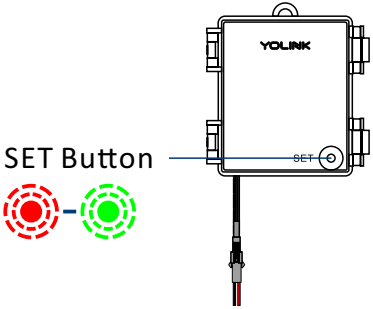
1. Tap " ⛶ " button, then scan QR Code on the device. Follow the

> ! You must press "Bind Device" to pair the device to your account



---

2. Press the SET button once to turn on the device after installation. The Status LED will blink red once, then green several times, indicating your device has connected to the cloud and is ready to use

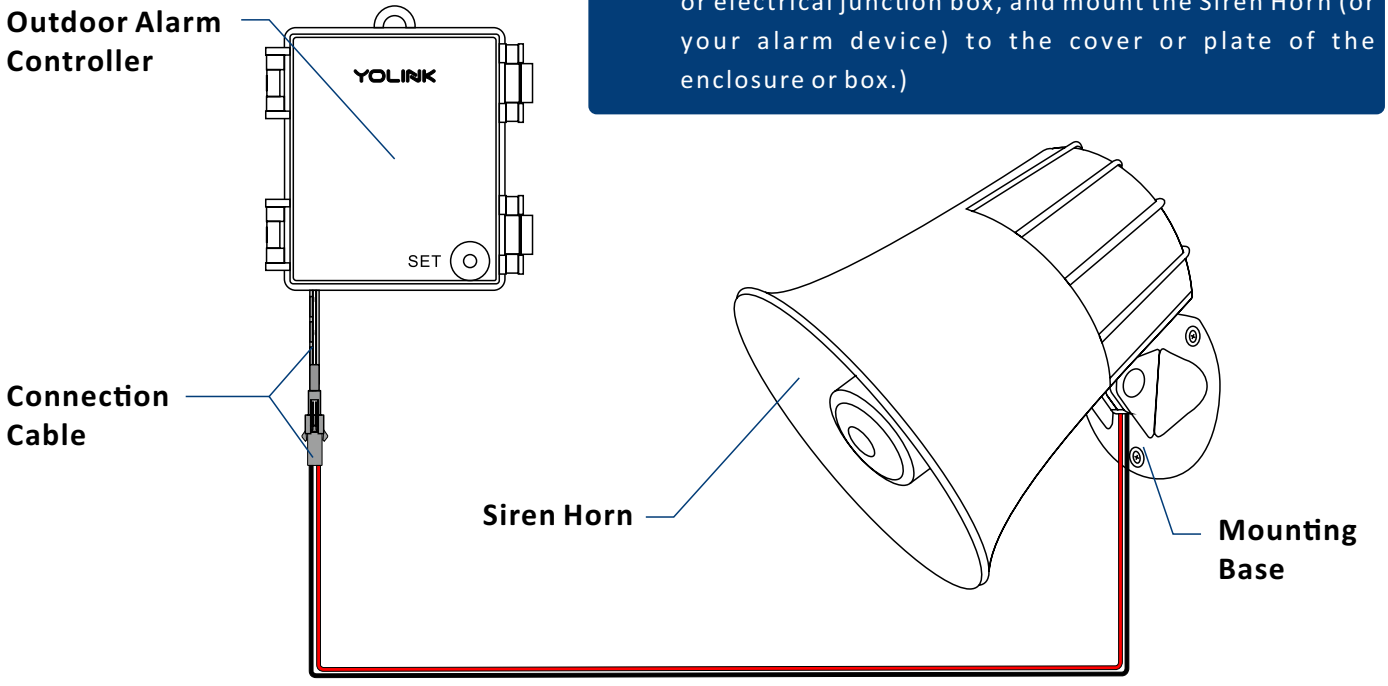


> ! 1. You will need to press the SET button once again if the device failed to connect to the cloud
>
> 2. Pressing the SET button at any other time after this initial process will result in the LED blinking red/green once, only. This indicates the device is connected to the cloud and is functioning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

D. Installation

D-1. Diagram

Your application may vary. We recommend protecting the wiring and connections from the elements and from damage. If practical, install the Alarm Controller and wiring indoors, or inside an outdoor-rated enclosure. See page 16 for alternative installation methods including a junction box. For example, install the Alarm Controller in a suitable plastic outdoor-rated enclosure or electrical junction box, and mount the Siren Horn (or your alarm device) to the cover or plate of the enclosure or box.)

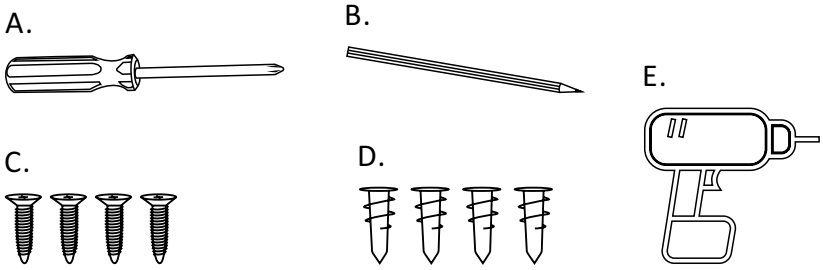


D-2. Instructions for installing the Outdoor Alarm Controller for use with a new Siren Horn (Model: ES-626)

D-2-1. How to install the Siren Horn

1. These Tools may be Required

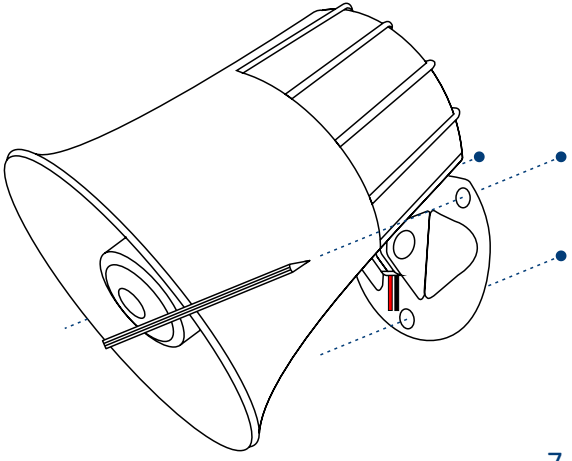
A. Phillips screwdriver
B. Pencil
C. Wall Screws (3)
D. Drywall Anchors (M6, 3)
E. Drill



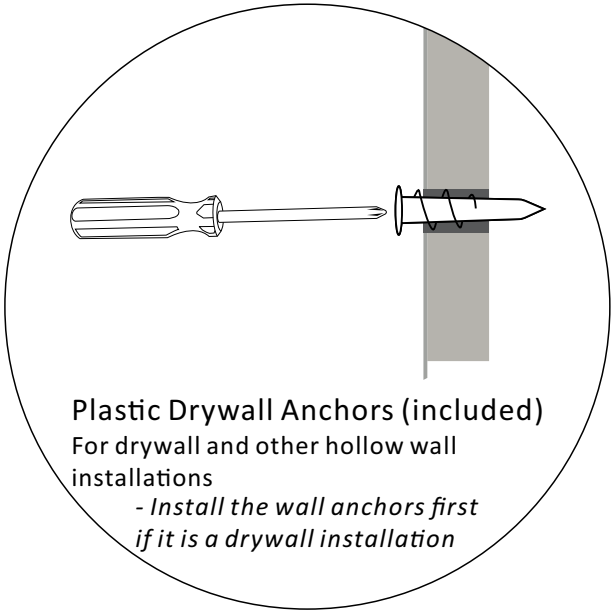
---

2. Begin Installation

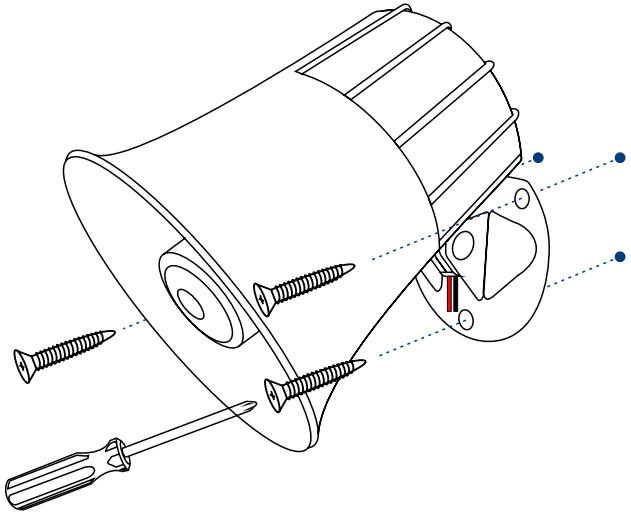
1. Place the siren horn base at the desired location, then mark an outline (with a pencil, tape, etc.) of the siren horn on the wall for future reference



2 Mount the siren base to the wall with anchors and/or screws (not included) appropriate for the mounting surface



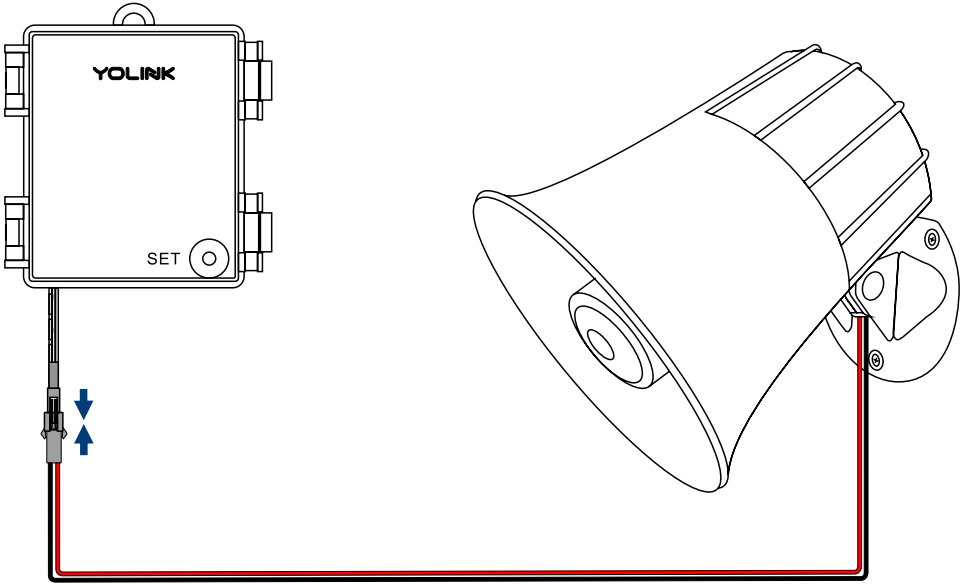
Plastic Drywall Anchors (included)
For drywall and other hollow wall installations
- Install the wall anchors first if it is a drywall installation



D-2-2. How to Connect the Siren Horn to the Controller

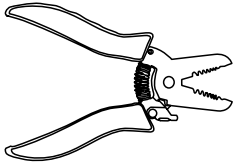
1. After the siren horn is securely installed (all screws tight, etc.), refer to “Install or Replace the Batteries (Outdoor Alarm Controller)” section on page 30 for the installation of batteries for the controller
2. Connect the siren horn to the controller

! After the connection, proceed to page 14, for testing

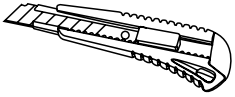


D-3. Instructions for installing the Outdoor Alarm Controller for use with a non-YoLink alarm or audible/visible device (Non-smart, 12VDC, Maximum 400mA Alarm Current only!)

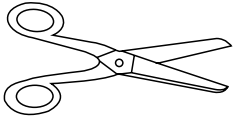
1. These Tools may be Required



Wire Cutter/Stripper



Utility Knife



Scissors



Wire Nuts or Connectors (2)



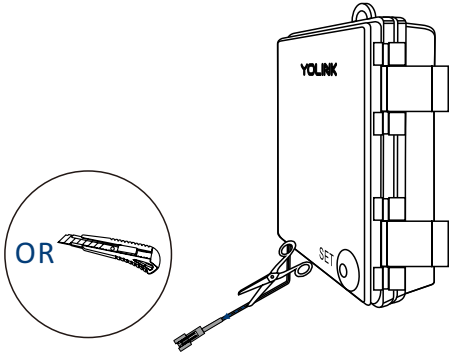
Electrical Tape

1. Your alarm device must be 12 VDC, maximum 400mA working current, non-smart, and functional
2. Wire nuts (twist-on connectors) are the recommended wire splicing method. Other methods may be acceptable as long as they provide a secure electrical connection, with no exposed conductors

2. Get Ready

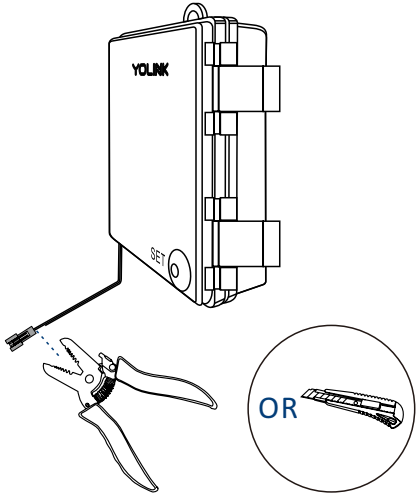
1. Remove power from the by disconnecting the connection cable
2. Examine the connector on the siren horn connection cable. If compatible with the controller's connection cable connector, connect the two cables together and proceed to page 9

D-3-1. How to Prepare for Installation of the Controller

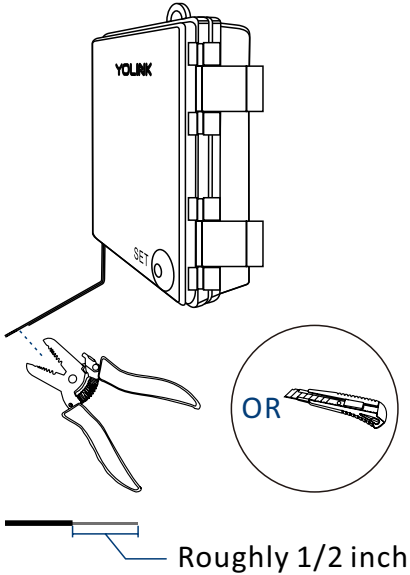


1. Using a scissors or utility knife, carefully remove the outer jacket/insulation on the cable. Use care to avoid cutting or nicking the internal conductors and the antenna

2. Use a wire cutter/stripper to remove the connector on the new controller. Use care to avoid cutting or nicking the antenna



3. Using a wire stripper, remove the insulation on each conductor, leaving roughly half an inch of exposed conductor

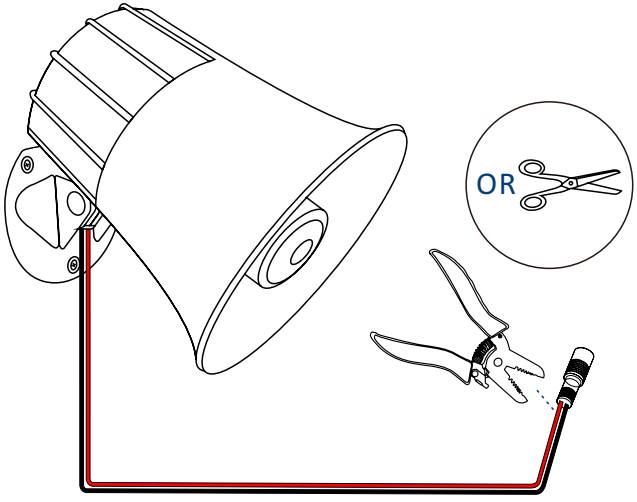


CAUTION!!

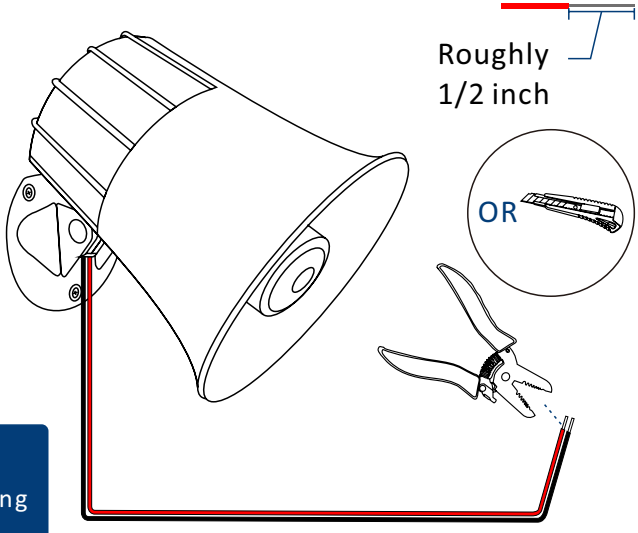
To avoid injury, use extreme care when working with cutting instruments or tools with sharp edges!

D-3-2. How to Prepare for Installation of the alarm device

1. Use a wire cutter/stripper to remove the connector on the existing alarm device, such as a siren horn



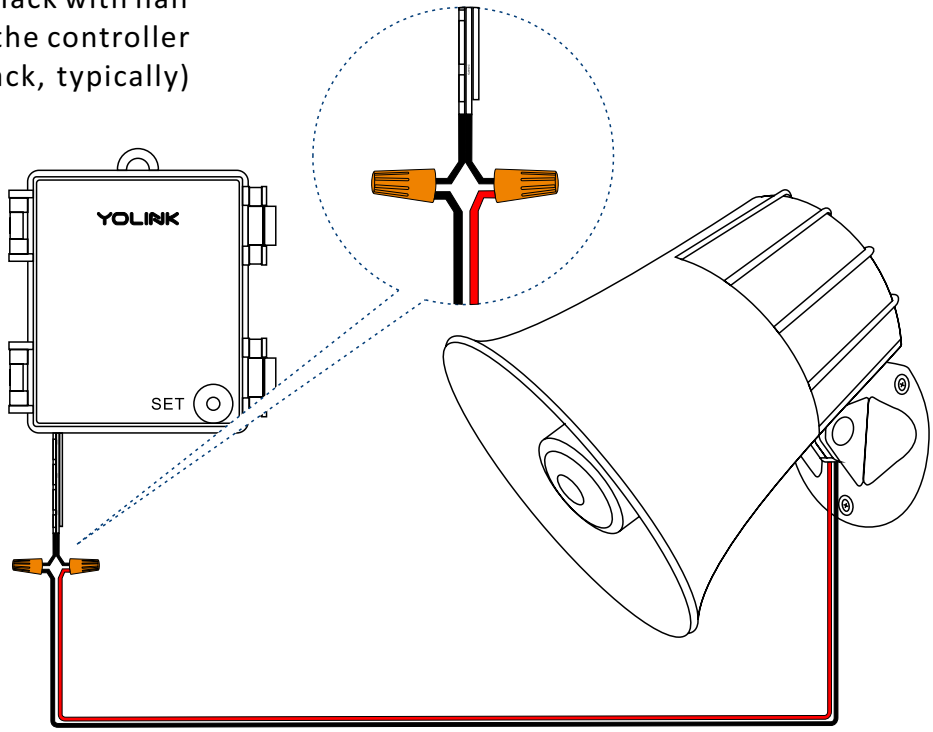
2. Using a wire stripper or utility knife, carefully remove the outer jacket/insulation on the cable. Use care to avoid cutting or nicking the internal conductors
   Using a wire stripper, remove the insulation on each conductor, leaving roughly half an inch of exposed conductor



CAUTION!!
To avoid injury, use extreme care when working with cutting instruments or tools with sharp edges!

D-3-4. How to Connect the Siren Horn to the Controller

1. Using a wire nut, twist the black wire with text marked “24AWG” (positive) wire from the controller together with the positive (red, typically) wire on the alarm device (wires may be white and black, with white positive and black negative)
2. Using a wire nut, twist the black with half white (negative) wire from the controller together with negative (black, typically) wire on the alarm device
3. Ensure there are no exposed wire conductors (visible copper). If so, redo the connections. You may optionally wrap the splices with electrical tape
4. Refer to “Install or Replace the Batteries (Outdoor Alarm Controller)” section on page 30 for the installation of batteries for the controller



D-4. Test the Controller and Siren Horn (or other alarm device)

- Test the controller several times by pressing the SET button and confirm the siren horn* activates and silences properly. Then, use the YoLink app to activate and silence the siren horn*
- If Not Working Properly:

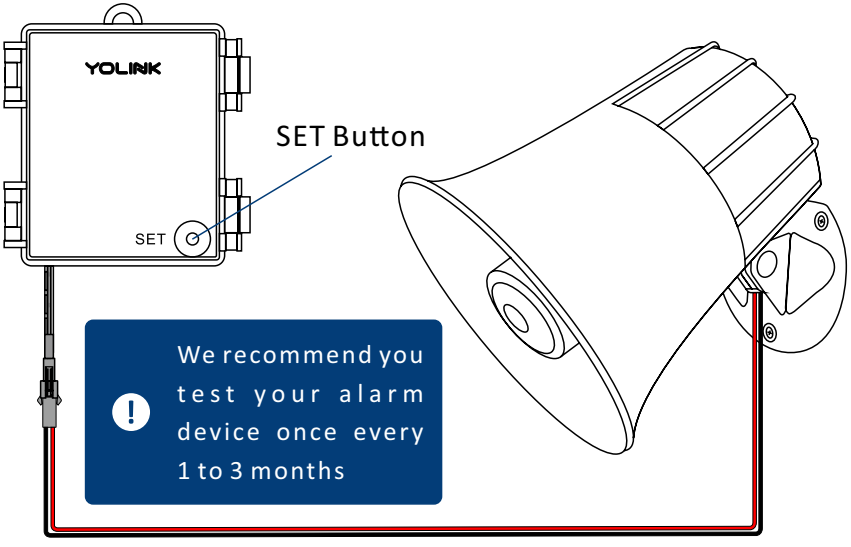
  - If you are unable to get the controller and/or siren horn* to operate correctly, double-check the installation as needed. The polarity of the wiring may be reversed. Remove the alarm device's wires and connect them to the controller in the opposite way. Do not proceed to the next step until it works correctly

  - If it is still not working properly, Please refer to additional troubleshooting information on page 34, and Customer Service hours and contact information on page 37

  *Or other alarm devices

WARNING!!

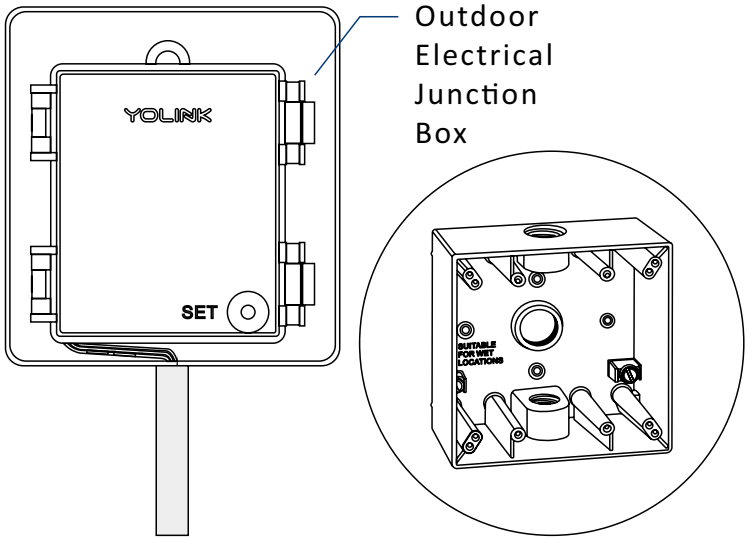
To avoid damage to hearing, do NOT stand near the siren or any audible alarm device while it is activated!



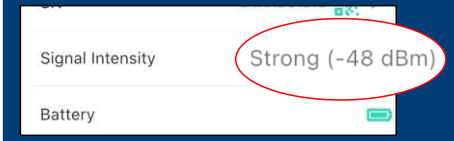
D-5. Installation Methods (Outdoor Electrical Junction Box)

Please refer to device environmental operating range information on page 31. Use this device outside the recommended ranges at your own risk

- Example of installation instructions for a commercial siren or siren/strobe. Please note the junction box. this is where the wire and connections/splices would be protected

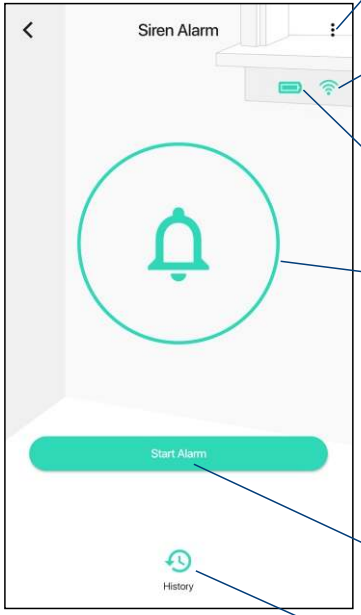


1. Please refer to device dimensions information on page 33
2. Your Outdoor Alarm Controller is an RF wireless device which ideally is not installed on or near metal. If the device is intended for installation in a metal box, please first test the location by placing the device in the box and installing the cover. On the app, verify the device is online, and on the device detail screen that signal level is not indicated as “Weak” (see illustration below). The signal level may be improved by utilizing a plastic cover on a metal box. Otherwise, a plastic box will be required to ensure reliable operation



E. Using the YoLink App

E-1. Device page



Details
- Tap to go to Details page(refer to page 17)

Connection Status
of Alarm Controller and Hub

Current Battery level
- Shown red if replacement is required

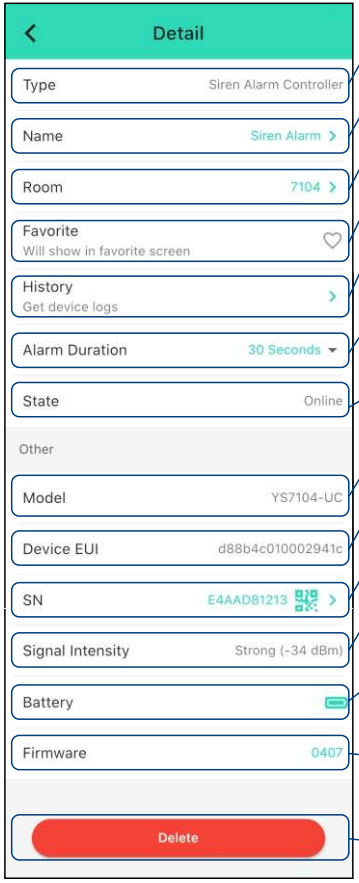
Real-time Status of Alarm Controller:
Normal or alarm-activated



Control Button of Alarm Controller:
Activate or silence the alarm device

Device alarm history
Historical log of alarm-activated, logged with trigger events, date & time

E-2. Details page



a. Device Type

b. Rename the Device

c. Choose a Room for device

d. Add/Remove from favorites

e. Device alarm history
Historical log of alarm-activated, logged with trigger events, date & time

f. Set the duration once an alarm occurs
- Default is set to 30 seconds, and maximum is 30 minutes

g. Connection status of alarm controller and Hub

h. Device Model

i. Device EUI (unique)

j. Device SN (unique)

k. Connection Signal Status
of controller and Hub: Strong; Good; Weak

l. Current Battery Level
- Shown red if replacement is required

m. Firmware Version
- "#### ready now" indicates a new update is available (refer to page 28)

n. Remove Device From Current Account
- Tap to delete the device from your YoLink account

E-3. Device Alarms

E-3-1. What events can activate the Siren Horn or other alarm device?

- The SET button of Alarm Controller has been pressed once (this enables the siren horn/alarm device)
- 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/left open (detected by a YoLink Door Sensor, sold separately)
- Pressing an associated control button on a YoLink fob (sold separately)

E-3-2. How can I silence the Siren Horn or other alarm device?

- The SET button of Siren Alarm Controller has been pressed once (this disables the sounder)
- Tap the Stop Alarm button in the YoLink app
- Pressing an associated control button on a YoLink fob (sold separately)
- You can automatically silence the siren horn/alarm device in Settings by changing the Alarm Duration setting in the YoLink app. Possible automatic-silence settings are 10 seconds to 30 minutes (30 seconds is default)

E-3-3. Note

- Devices configured in an automation or YoLink Control can automatically activate the siren horn/alarm device (see YoLink Control on page 24 and Automations on page 20)
- When the Alarm Controller is configured in the Alarm Strategy settings, alerts from devices can automatically activate the siren horn/alarm device (see Alarm Strategy on page 22)
- If it is unclear what caused the siren horn/alarm device to activate, see the History page on the app for details about what device activated the siren horn/alarm device
- If configured via the Alarm Duration settings in the app, the siren horn/alarm device 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

E-4. Automation *(Set Up Rules For "If This Then Do That")*

The most popular use for our Outdoor Alarm Controller 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:

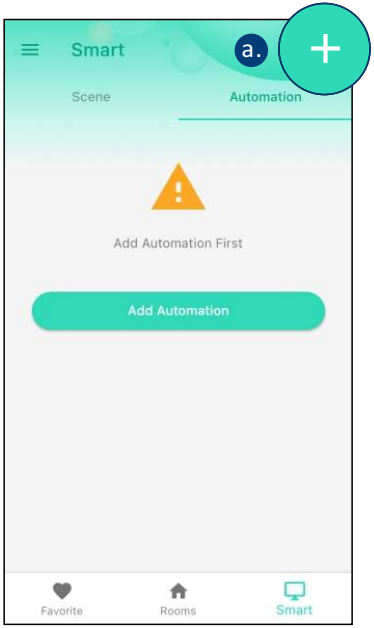
Option 1. Configure an Automation in the app. Settings you make in the app will "tell" the alarm controller to activate the siren horn/alarm device once an event occurred. In automation terms, this would be written out "IF an event occurred such as "door is opened", "motion is detected", "water leak is detected", etc, THEN activate the alarm controller." 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 alarm controller, so that the siren horn/alarm device 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 page 24

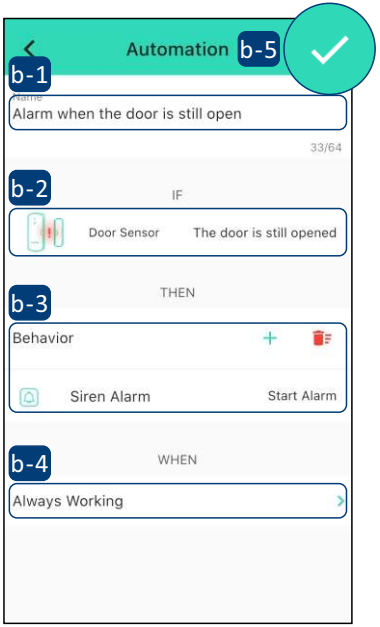
How to Set Up an Automation (*See Illustration Next Page*)

- Go to the "Smart" screen, tap "Automation"

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

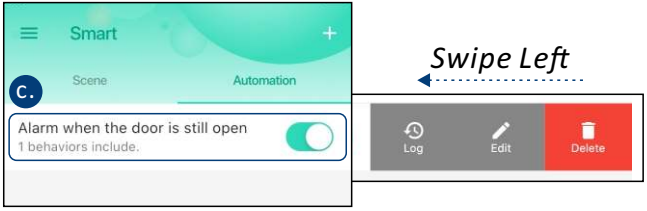


a. Tap the “+” icon to add an automation



b. 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



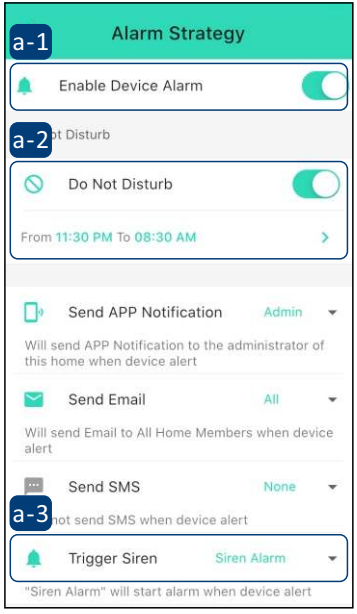
c. Click to edit the automation

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

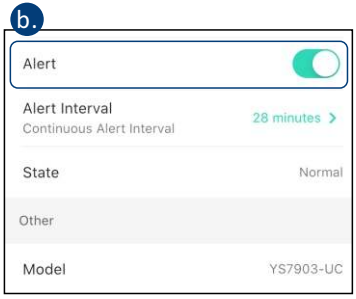
E-5. Alarm Strategy

Set up rules to activate 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)*



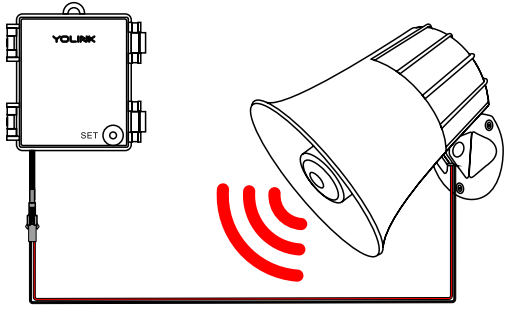
a. Alarm Strategy Settings
a-1 The alarm strategy should be <u>enabled</u>
(Notification will be sent)
a-2 Notification will not be sent during the Do Not Disturb time
a-3 Select a siren alarm (controller)



b. Device Alert should be <u>enabled</u>

c. Siren Horn or other alarm device will be activated when an alert is received

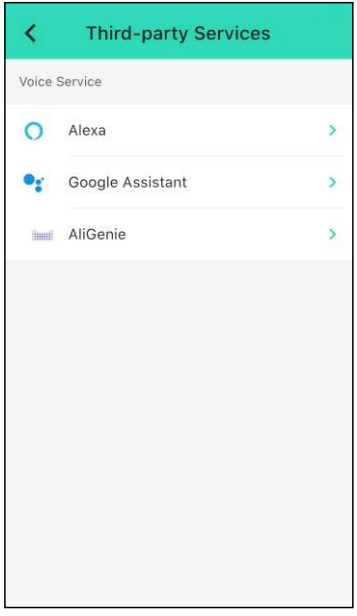




E-6. Voice Assistants

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 Outdoor Alarm Controller 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
3. IFTTT.com allows for control of the Outdoor Alarm Controller via custom applets
4. 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, and is also available from Customer Support. Refer to page 37 for contact information.

F. About YoLink *Control*

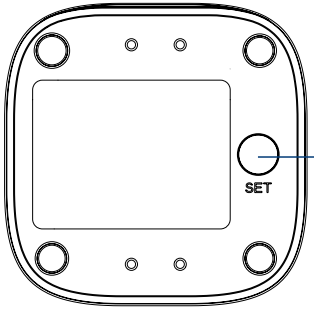
YoLink *Control* is our unique device-to-device control technology. Using YoLink *Control*, YoLink devices can be controlled without the Hub or an internet connection. (Use of YoLink *Control* is optional; you can use the Automation feature in the app OR use YoLink *Control*, but YoLink *Control* offers 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 Outdoor Alarm Controller or a YoLink Plug Mini

The Outdoor Alarm Controller can only work as the responder of YoLink *Control* and can only set up YoLink *Control* with YS7903-UC Water Leak Sensor (firmware version V030C or above), YS7904-UC Water Leak Sensor 2 and YS3603-UC YoLink Remote

F-1. Pairing

1. 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



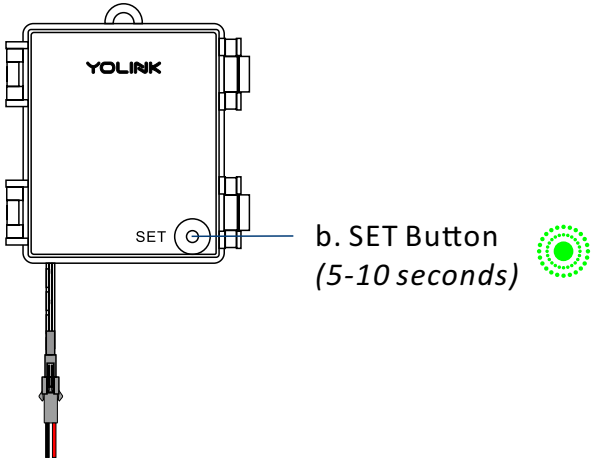
a. SET Button
(5-10 seconds)

Refer to the Water Leak Sensor manual for more information: YS7903-UC Water Leak Sensor

2. To configure an Outdoor Alarm Controller as the responder, Press and hold the SET button for 5-10 seconds until the LED quickly blinks green, then, release the button

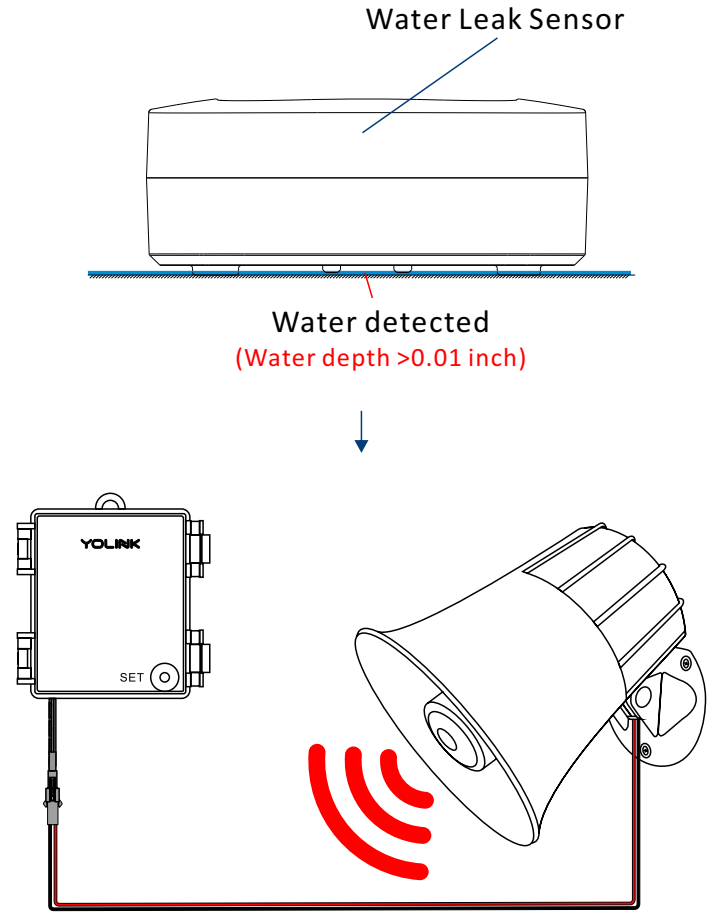
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3. Upon pairing, the LED will stop blinking (this may happen after only blinking two or three times)



F-1-1. Operation

- When the Water Leak Sensor detects water, the Outdoor Alarm Controller will now immediately activate siren horn or alarm device. The siren horn or alarm device 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 horn or alarm device
- More advanced sequences, controlling multiple outputs (e.g. activate siren horn or alarm device when the door is left open) are available via the YoLink app



F-2. 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

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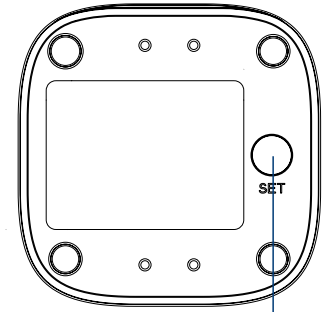
2. At the Outdoor Alarm Controller (responder), press and hold the SET button for 10-15 seconds, until the LED quickly blinks green, then red, then, release the button

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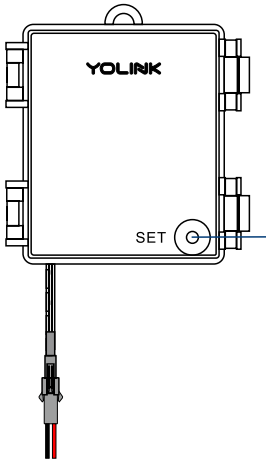
3. Upon un-pairing, either the Water Leak Sensor LED or the Outdoor Siren Controller LED will stop blinking and turn off

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4. The Outdoor Alarm Controller will no longer respond to the Water Leak Sensor



a. SET Button
(10-15 seconds)



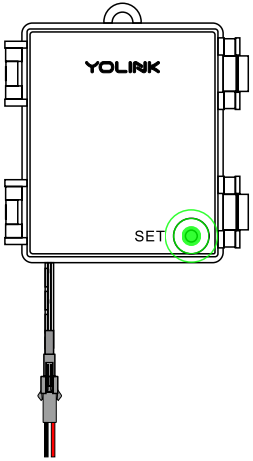
b. SET Button
(10-15 seconds)

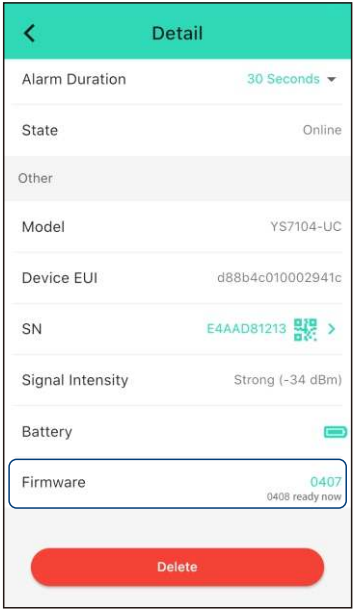
G. Maintenance

G-1. 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



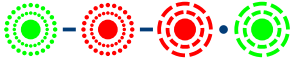


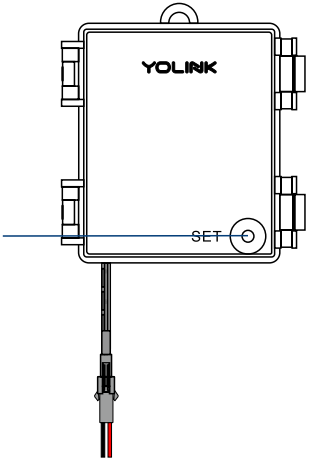
G-2. Factory Reset the Outdoor Alarm Controller

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

- Hold the SET button for 20-25 seconds until the status light blinks red and green alternately, then, release the button (*Hold the SET button longer than 25 seconds will ABORT the factory reset operation*)
- Factory reset will be complete when the status light stops blinking

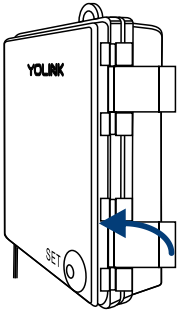
SET Button
(20-25 seconds)



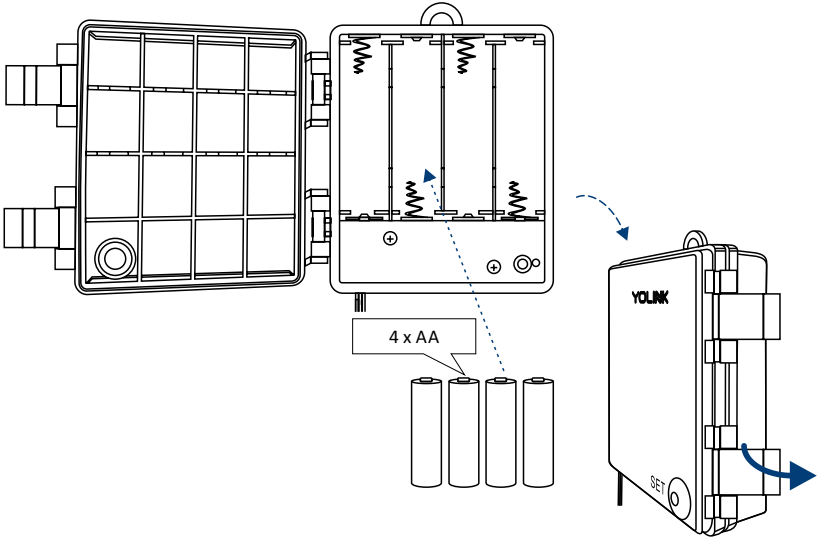


G-3. Install or Replace the Batteries of Outdoor Alarm Controller

1. With a lifting/prying action on the two clamp latches, open the cover on the controller (due to the rainproof design, this step may be slightly difficult)



2. Install four new alkaline non-rechargeable AA batteries, and then close the two clamps of the controller



3. Using the app, check the online status of the controller and verify there is no low-battery indicator
4. Connect (or reconnect) the controller with the manipulator (refer to page 9/page 13)

! 1. Do <u>not</u> press the SET button during the entire battery installation or replacement process
2. Do <u>not</u> mix old and new batteries

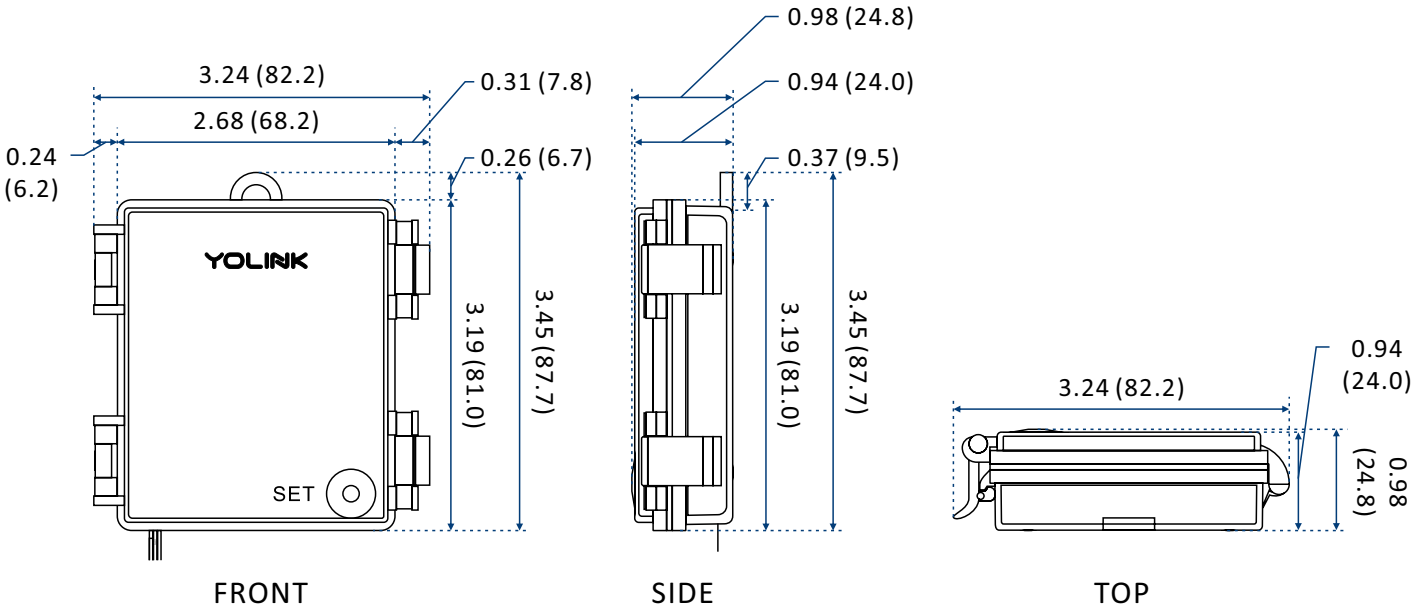
H. Specifications

H-1. Outdoor Alarm Controller

Battery:	6V DC (four alkaline non-rechargeable AA batteries)
Device Current Draw:	≤ 160mA (on, without connecting with the siren horn), ≤ 90uA (standby)
Output Voltage:	12V DC
Output Current:	≤ 400mA (Resistive)
IP Rating:	IP63 (Rainproof)
Siren Horn Type:	Non-smart control
Environment:	Working Temperature: 14°F - 122°F (0°C - 50°C) *(With lithium non-rechargeable battery, can be extended to -4°F - 122°F (-20°C - 50°C))* Working Humidity: ≤95%, non-condensing

Dimensions:

Unit: inches (millimeters)



H-2. Siren Horn

Working Voltage:	12V DC
Device Current Draw:	≤ 500mA (on), 0mA (standby)
Siren Volume:	110 dB (@0.3m)
Alarming Duration:	Maximum 30 minutes per alarm time
Dimensions:	4.06 x 3.90 x 2.56 inches (103 x 99 x 65 millimeters) (L x W x D) Connection Cable Length: ~ 1.18inches (30millimeters)
Environment:	Working Temperature: -4°F - 140°F (-20°C - 60°C) Working Humidity: <95%

I. Troubleshooting

Symptom:

1. Device is offline

- If controller is not connected to the cloud, press the SET button on Outdoor Siren Alarm Controller once
- If Hub is offline, reconnect the Hub to the Internet and press the SET button on Outdoor Siren Alarm Controller once
- If Hub is not on, power on the Hub again and press the SET button on Outdoor Siren Alarm Controller once
- If controller is out of range with Hub, relocating the 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 four premium “AA” alkaline batteries

2. Other issues, contact customer service, **1-949-825-5958 (M-F 9am - 5pm PST)** or email 24/7 at **service@yosmart.com**

J. Warning

- Please install, operate and maintain the Outdoor Alarm Controller only as outlined in this manual. Improper use may damage the unit and/or void the warranty
- To avoid damage to hearing, do not stand near the siren or any audible alarm device while it is activated!
- Use only new, name brand, Alkaline or lithium 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
- While the device is rainproof, to ensure optimal operation and lifetime of the sensor, installing the device with overhead protection from weather is suggested. Do not immerse the device or allow it to be immersed in water
- Do not install or use this device outside of the temperature and humidity range listed in the Environmental section in Specifications, on page 31 & 33
- Do not install or use this device where it will be subjected to high temperatures and/or open flame
- Install or use this device only in clean environments. Extremely dusty or dirty environments may prevent the proper operation of this device, and will void the warranty

- If your Outdoor Alarm Controller 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

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**

YoSmart Inc. 17165 Von Karman Avenue, Suite 105, Irvine, CA 92614

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

FCC Statement

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."