YOLINK

Power Fail Alarm

YS7106-UC, YS7106-EC
Installation & User Guide
Rev 1.0

Hello! Eric with YoLink, here. I want to thank you for your purchase and for placing your trust in YoLink for your smart home needs

Before I worked here, I was a customer! I found the products and customer service to be top-notch. Today, I am responsible for many of the things that enhance your experience with YoLink products and services, including the manuals and videos. We are constantly improving, so that we can honestly say:

We strive to provide the best smart home products, at the best pricing, with the industry's **best customer support**.

I want your own experience to be as positive as mine! If you have any questions or problems setting up your system, **please give us a chance to assist you**.

You can use our online chat service by scanning the QR code below or email us 24/7 at **service@yosmart.com**.

You can also reach us on our website at
www.yosmart.com /support-and-service
or by scanning the QR code, on the right.

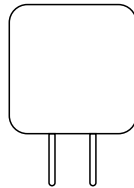Support & Service   Online Chat

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Revised: 01/17/2022

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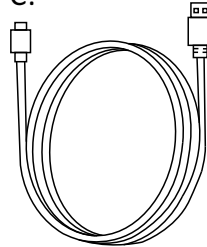C. USB Cable

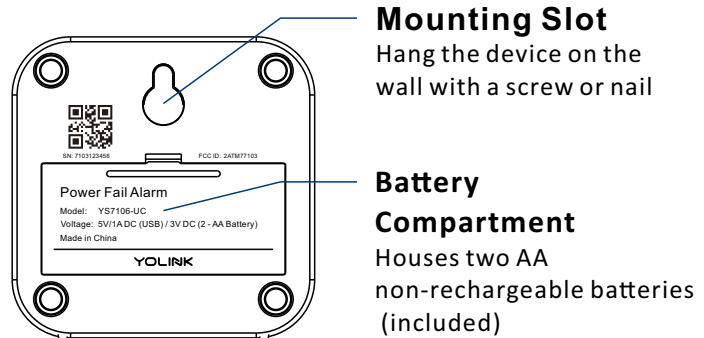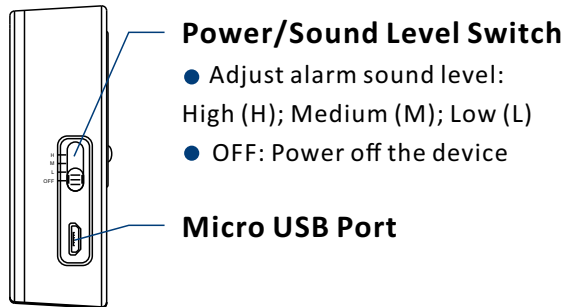D. Quick Start Guide

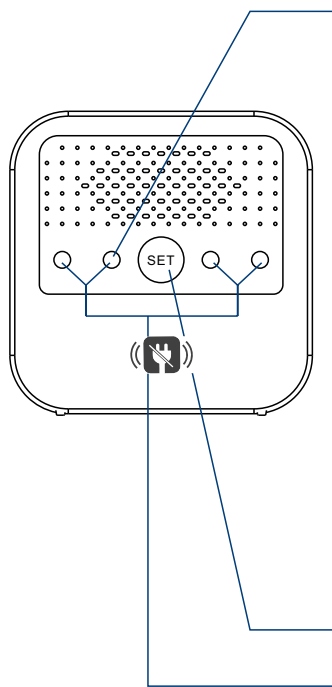E. AA Battery (2)

A.

B.

C.

D.

E.

B. Introduction

The YoLink Power Fail Alarm is a smart sensor that monitors the status of power to the device. If power is ever removed or lost, the device will activate a very loud (100 to 110 dB) sounder, and flash four multi-color LEDs. In addition to a local alarm activation, the Power Fail Alarm can activate other YoLink audible/visible alarms (for example, a Siren Alarm as a remote alarm device) and even activate the SpeakerHub (for a spoken message after an attention-getting tone). Also, standard for most other YoLink devices, the Power Fail Alarm, when power is lost, or when it is restored, can send the user a text message, email and app push notification on their phone.

The Power Fail Alarm is powered by USB, which is provided from the included plug-in power adapter. The Power Fail Alarm must have batteries installed, in order for it to function during a power outage. Install new, name brand alkaline batteries, or install new, name brand lithium batteries, which are highly-recommended, if the device will experience temperatures on the extreme end of the environmental range (shown on page 24).

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 device on the wall with a screw or nail

SN: 7103123456   FCC ID: 2ATM77103

Power Fail Alarm
Model: YS7106-UC
Voltage: 5V/1A DC (USB) / 3V DC (2 - AA Battery)
Made in China

YOLINK

Battery Compartment
Houses two AA non-rechargeable batteries (included)

The LED lights and tones indicate the current status of the device:

Status LED

Blinking Red Once, then Green Once
Device turned on

Blinking Red And Green Alternately
Restoring to Factory Defaults

Blinking Green
Connecting to Cloud

Slow Blinking Green
Updating

Fast Blinking Green
Establishing Connection with YoLink System (YoLink *Control*-D2D)

Blinking Red Once
Device is connected to the cloud and is functioning normally

Fast Blinking Red
Removing Connection to YoLink System (YoLink *Control*-D2D)

SET Button

Alarm LED

Blinking Red
Warning

Fast Blinking Red Every 30 Seconds
Batteries are low; please replace the batteries (see page 23)

Alarm Tones

● **HI-LO Tone Once**
Device power-up

● **HI-LO for 5 Seconds**
Sound level settings adjusted

● **HI-LO (For Alarm Duration per Settings - Default is 30 Seconds)**
Warning

C. Set Up

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

❶ Download the YoLink app through Apple App Store or Google Play Store (Search in the store or use the QR code on the right)
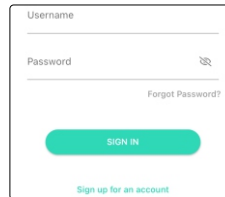
> **!**
> Apple iPhone or tablet that is iOS 9.0 or higher, or an Android phone or tablet that is Android 4.4 or higher

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❷ Log in to the YoLink app

> **!**
> Create a new account if required

Username

Password

Forgot Password?

SIGN IN

Sign up for an account

> **!**
> 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:
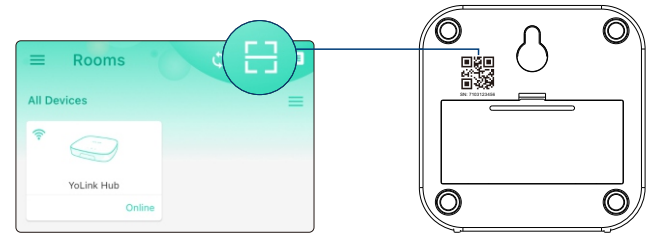>
> YS1603-UC
> User Guide

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❸ The YoLink Hub is required to set up your Power Fail Alarm. Please set up your YoLink Hub first (refer to YoLink Hub manual)
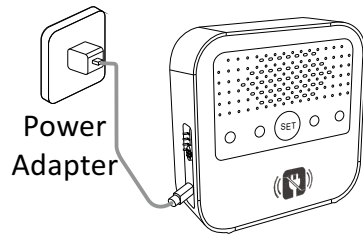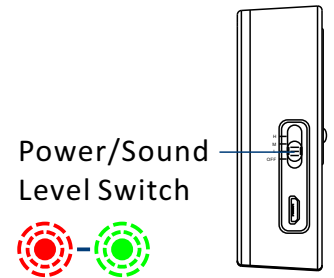
Power Adapter

YoLink Hub

4
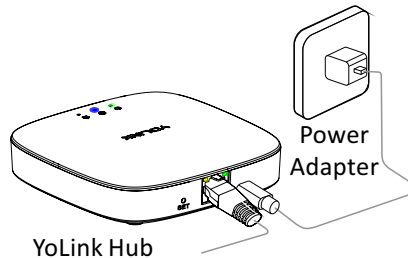
C-2. Add Device

❶ Tap " " button, then scan QR Code on the device. Follow the steps to add the device

❷ Power the device using the provided power adapter

Power Adapter

❸ 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).

Power/Sound Level Switch

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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 <u>NOT</u> blink as noted this may indicate a problem with the device Please see the troubleshooting section and the contact section for technical support

C-3. Device Placement

Countertop or shelf-mounting (just place on the surface)
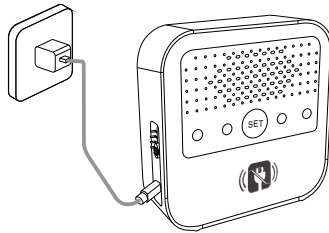
> ⚠ 1. Ensure your device is placed on a stable surface or mounted securely on a wall or other surface
>
> 2. Please refer to device environmental operating range information on page 24. Use this device outside the recommended ranges at your own risk

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Wall-Mounting (Near An Outlet)

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

Phillips screwdriver | Self-tapping screw | Nail | Wall anchor | Hammer | Drill

about 1/5" inch   OR   about 1/5" inch

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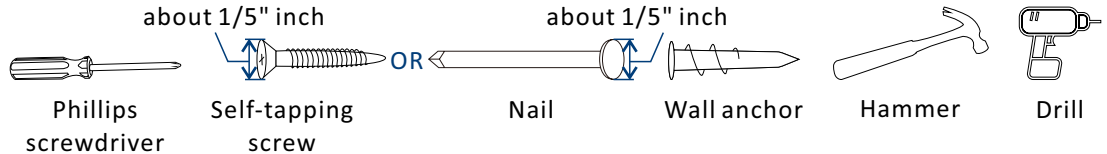
❶ Install wall anchor in the wall

OR
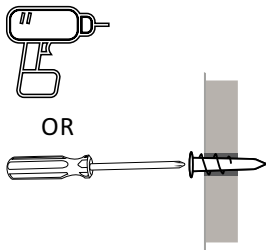
❷ Install screw in anchor (or nail in wall) with about 1/8" gap left

about 1/8'' inch
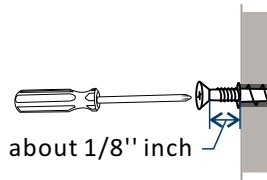
❸ Hang device on screw (or nail) using the mounting hole
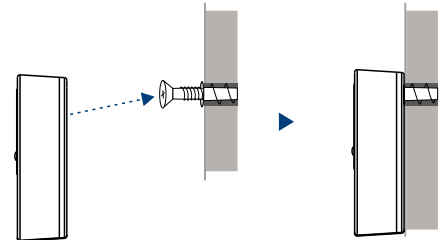
D. Using the YoLink App

D-1. Device page
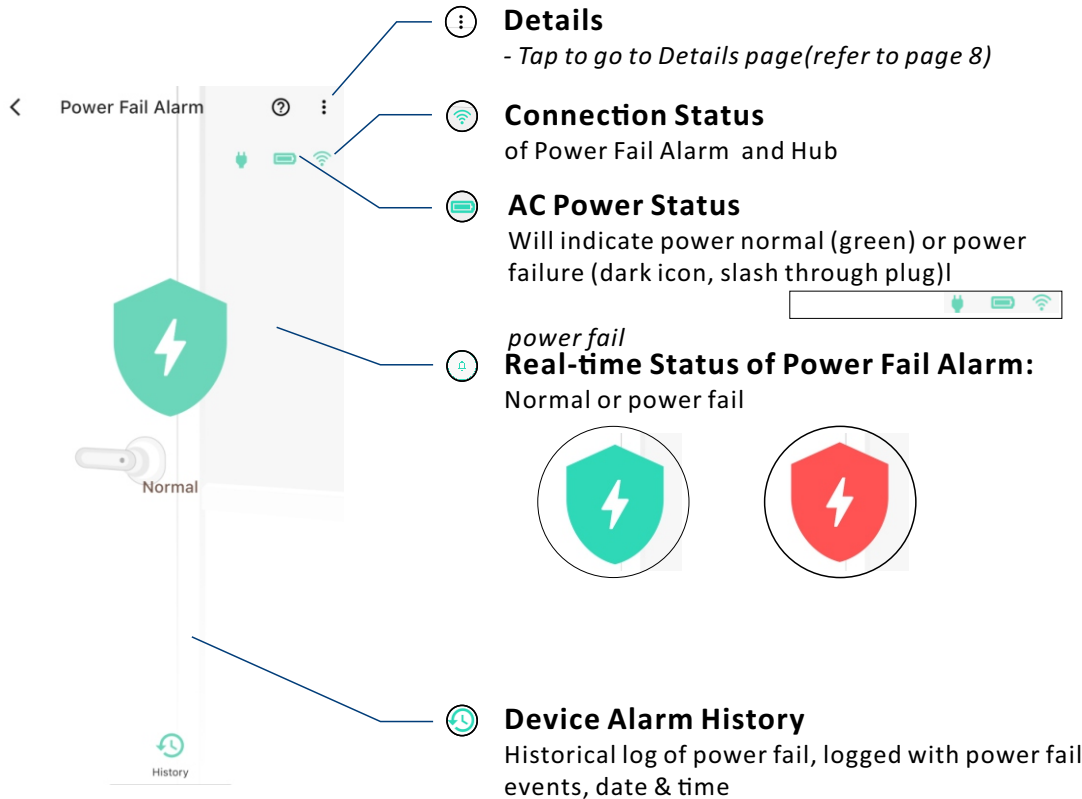
Details
- *Tap to go to Details page(refer to page 8)*

Connection Status
of Power Fail Alarm and Hub

AC Power Status
Will indicate power normal (green) or power
failure (dark icon, slash through plug)l

power fail
Real-time Status of Power Fail Alarm:
Normal or power fail

Device Alarm History
Historical log of power fail, logged with power fail
events, date & time

D-2. Details page

a. Device Type

b. Rename the Device

c. Choose a Room for device

d. Add/Remove from favorites

f. Device Alarm Sound Level: High, Medium, Low
- *Set through device*

g. Set the Duration once an alarm occurs
- *Default is set to 30 seconds*

h.**time interval**

I. Device Alarm History
Historical log of power fail, logged with power fail events, date & time

j. Set Alarm Strategy trigger
- *Set Power Failure or Restored Detect trigger SpeakHub ,ect.*

k. Connection Status - of Power Fail Alarm and Hub

l .Device Model

m. Device EUI (unique)

o. Device SN (unique)

p. Connection Signal Status
of Power Fail Alarm and Hub: Strong; Good; Weak

q. Current Battery Level
- *Show red if replacement is required,*

n. Firmware Version
- *"#### ready now" indicates a new update is available (refer to page 21)*

D-3. Device Alerts

D-3-1. What events can activate the Power Fail Alarm's sounder and lights?

- The SET button has been pressed once (this enables the sounder and lights)
- When power has been removed from the device
- For alert interval reminders. Alert interval reminders are periodic reminders, that the device is still abnormal (5 minutes, by default)

D-3-2.How can I silence the Power Fail Alarm?

- Press the SET button. This silences the sounder and turns off the LEDs
- Restore power to the device
- Move the level switch to the OFF position or remove the batteries

D-6. Voice Assistants

Connect YoLink with third-party voice assistants to monitor the status of your devices through voice commands
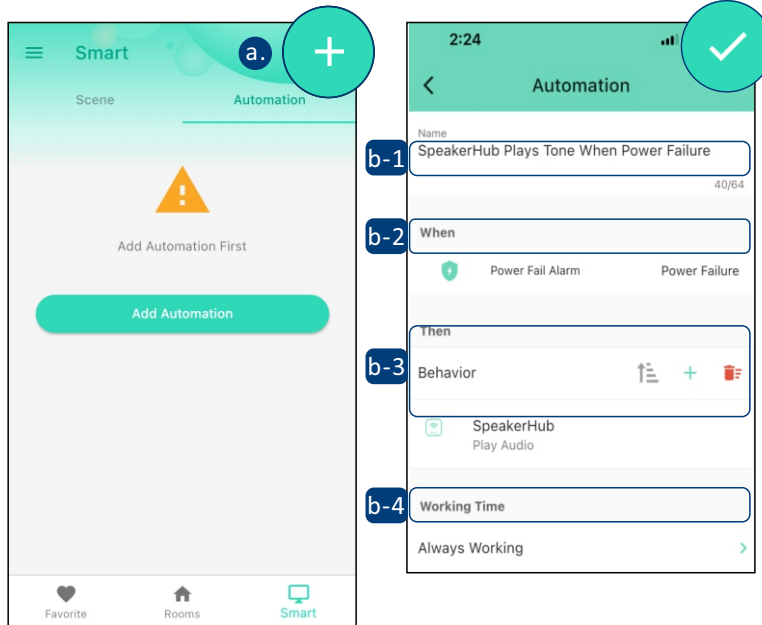
- Tap " ≡ " in the upper left corner to go to My Profile
- Go to **Settings** > **Voice Assistants** for the applicable voice assistant integration guide

‹	Third-party Services	
Voice Service		
◯ Alexa		›
•:• Google Assistant		›
⊪⊪ AliGenie		›
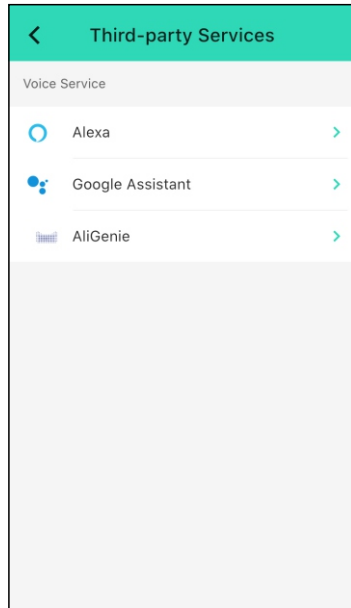
> ⓘ
> 1. The Power Fail Alarm integrates with Alexa and IFTTT.com
> 2. Monitor Power Fail /Restore /OFF status of the Power Fail Alarm from the Alexa app
> 3. Power Fail/Restore /OFF status can be can be queried by voice command as well as the Alexa app (For example, "Alexa, what is the status of Power Fail Alarm?" -- "Power Fail is detected at the Corridor Power Fail Alarm"
> 4. The Power Fail Alarm may be used as a trigger or input for Alexa routines and for custom applets (IFTTT.com)
> 5. For additional information specific to the platform, refer to the associated app. Visit our website at www.yosmart.com/support-and-service for additional information, or contact us via email or phone (see page 29 for Customer Support email address and phone number)information

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

● Go to the "Smart" screen, tap "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

a. Tap the "+" icon to add an automation
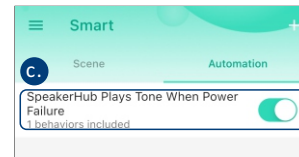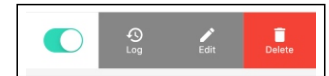
Swipe Left

c. Click to edit the automation

1. Tap " 〇 " button to enable or disable the automation
2. Swipe left to view the history logs and to edit or to delete the automation

D-5. Alarm Strategy

> ⚠ Power Fail Alarm can be set as a trigger only, with two trigger options: Power Failure Detected, Power Restored Detected

- Tap " ☰ " in the upper left corner to go to My Profile
- Go to **Settings** > **Alarm Strategy** for notifications preferences settings

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 Send Email
a-4 Select Trigger Action

E. About Control-D2D

YoLink *Control-D2D* is our unique device-to-device control technology. Using YoLink Control-D2D YoLink devices can be controlled without the Hub or an internet connection. (Use of YoLink *Control-D2D* is optional; you can use the Automation feature in the app OR use YoLink Control-D2D but YoLink *Control-D2D* 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 Power Fail Alarm can only work as the controller of YoLink Control-D2D

E-1. Pairing

❶ To configure your Power Fail Alarm as a controller, Press and hold the SET button for 5-10 seconds until the LED quickly blinks green, then, release the button

b. SET Button
(5-10 seconds)
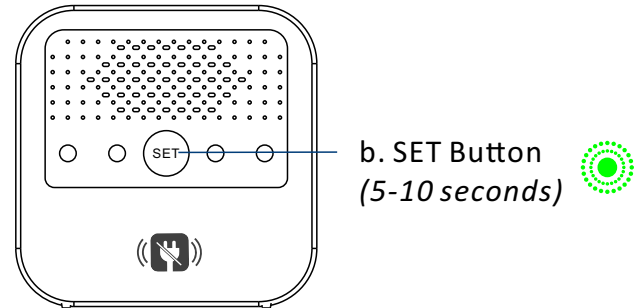
❷ To configure a Outdoor Siren Alarm as the responder, Press and hold the SET button for 5-10 seconds until the LED quickly blinks green, then, release the button

----

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

b. SET Button
(5-10 seconds)

E-1-1. Operation

- When the Power Fail Alarm detects a power failure, the Outdoor Alarm Controller will now immediately activate the siren horn or alarm device. The siren horn or alarm device will remain activated until silenced via the app or using the SET button on the controller;the restoration of Power to the Power Fail Alarm Sensor to normal 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 power fails) are available via theYoLink app
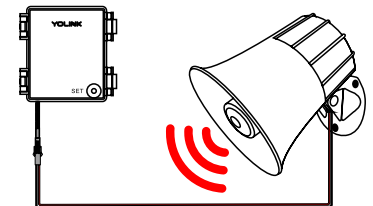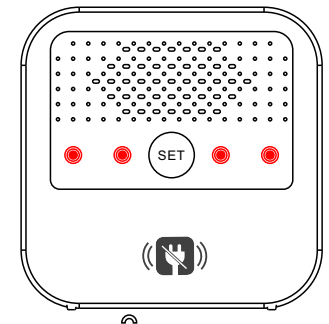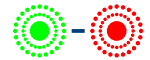
F-2. Unpairing

❶ At the Power Fail Alarm (controller), press and hold the SET button for 10-15 seconds until the LED quickly blinks green, then red, then, release the button
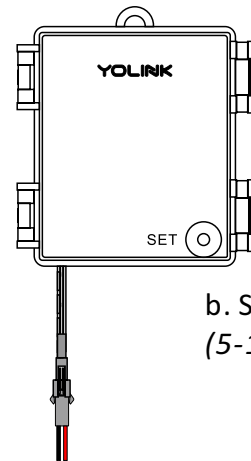
----

❷ YoLink 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

----

❸ Upon un-pairing, either the Power Fail Alarm LED or the Outdoor Siren Controller LED will stop blinking and turn off

----

❹ The Siren Alarm will no longer respond to the Power Fail Alarm

b. SET Button
(10-15 seconds)

b. SET Button
(10-15 seconds)
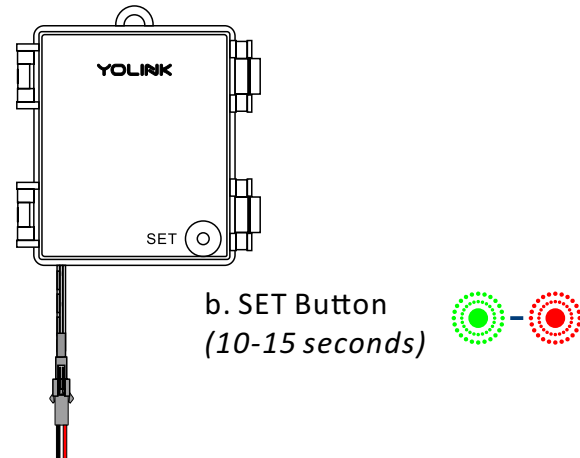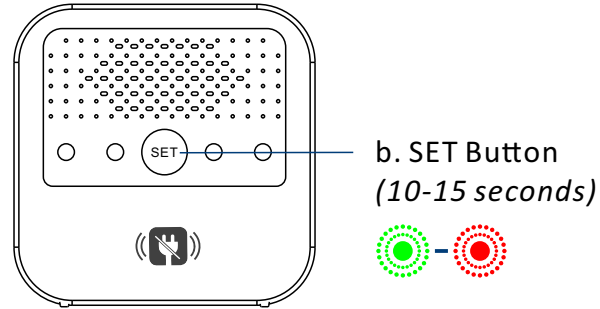
G. Maintenance

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
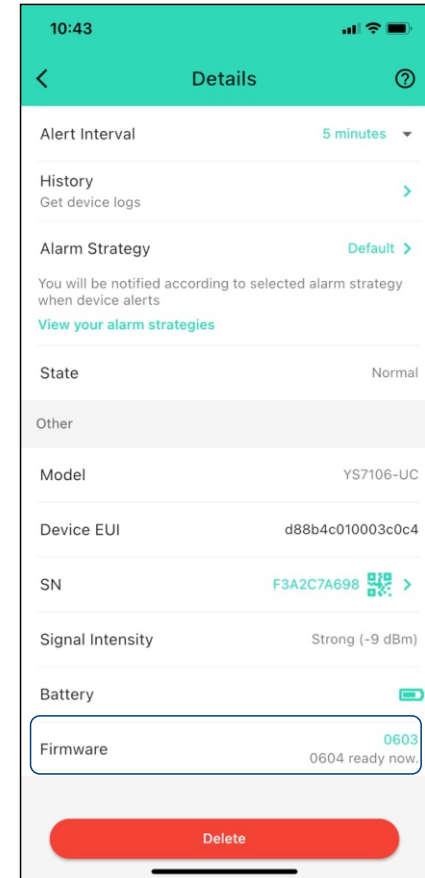
G-2. Factory reset

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 <u>ABORT</u> the factory reset operation*)

- Factory reset will be complete when the status light stops blinking

SET Button
(20-25 seconds)
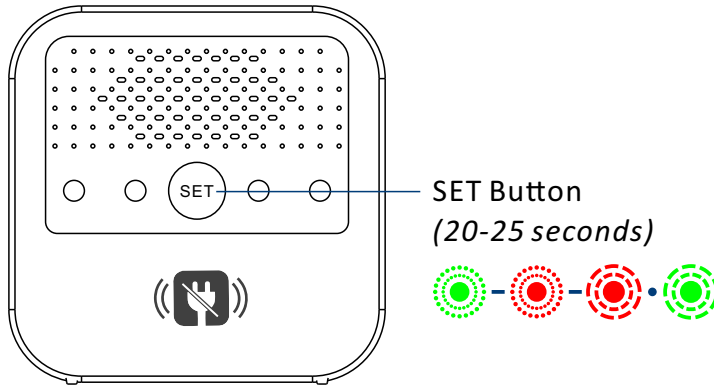
G-3. Install/Replace the Batteries

❶ Remove the battery cover by gently prying with your fingertip or tool at the edge as shown
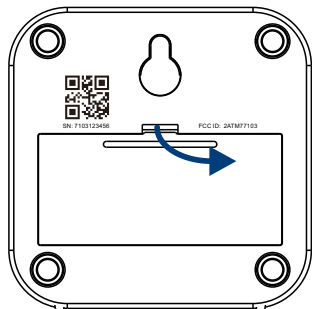
❷ Install (or replace) two new AA batteries and close the cover

2 x AA

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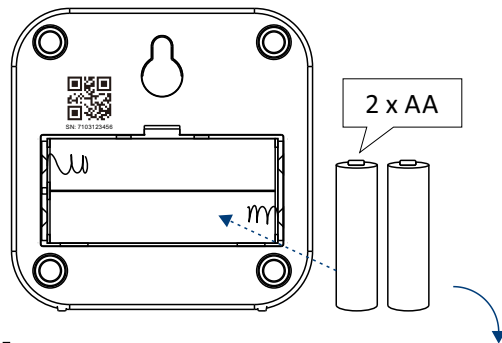
❸ Using the app, check the online status of the sensor and verify there is no low-battery indicator
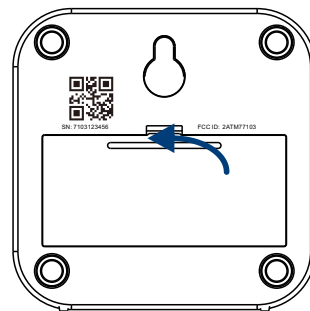
! 1. To avoid sudden loss of operation, please replace the batteries as soon as possible when they are indicated as low

2. Do not mix a new battery with an old one

H. Specifications

Voltage:	DC 5V/1A (Micro USB) , DC 3V (2-AA Batteries)
Standby Time:	5 Year
Sounder 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

H-1. Wireless Specifications (Model: YS7103-EC)

Description:	Power Fail Alarm
Operation Frequency:	SRD(TX): 863.1 MHz
Max RF Output Power:	SRD: 3.78 dBm

I. Troubleshooting

Hardware:

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

Symptom:

1. Device is offline

   -The device may not be connected to the cloud/internet via the Hub. Verify the Hub is connected to the internet. If the Hub is not connected to the internet (e.g. indicated as offline in the app, and blue internet/WiFi LED is off) restore the internet connection, if possible (for example, your entire internet is down).

   -At any time, you can reset the Power Fail Alarm by pressing the SET button once.

   -If Power Fail Alarm is out of range with Hub, relocating the that device 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

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

J. Warning

- The Power Fail Alarm's sounder can be extremely loud! To avoid potentially permanent hearing damage, do not place the device where listeners may be very close to the device!
- Please install, operate and maintain the <u>Power Fail Alarm</u> only as outlined in this manual. Improper use may damage the unit and/or void the warranty
- Use only the supplied power supply or a USB power source connected to mains power (not on battery power). Other power supplies can damage the device. Refer to page 24 Specifications
- 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 <u>not</u> 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 Power Fail 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

- Use only new, name brand, alkaline non-rechargeable AA batteries
- Do <u>not</u> use rechargeable batteries
- Do <u>not</u> use zinc blend batteries
- Do <u>not</u> mix new and old batteries
- Do <u>not</u> puncture or damage batteries. Leakage can cause harm on skin contact, and is toxic if ingested
- Do <u>not</u> 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**

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

FCC Statement

Product Name: Power Fail Alarm

Model Number: YS7106-UC, YS7106-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

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: Power Fail Alarm

Model Number: YS7106-EC, YS7106-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

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 Power Fail 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