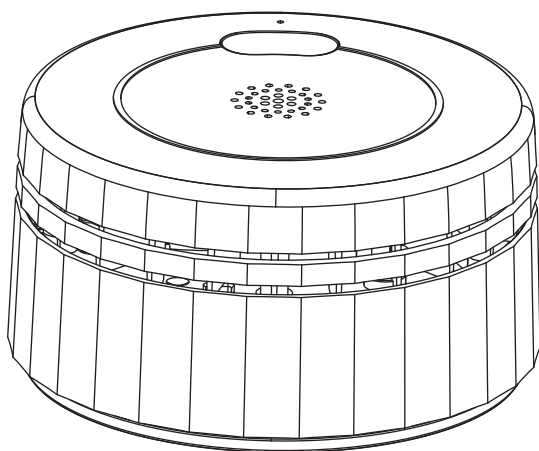


# YOLINK



Conforms to UL  
Standard 217 and  
Certified to CAN/ULC  
Standard S531



## Photoelectric Smoke Alarm

YS7A12-UC



Installation & User Guide

Revision Sep. 23, 2026

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## Safety Information

### **WARNING!**

Never ignore an alarm. If you are not testing the unit, it may be warning you of a dangerous situation that requires immediate action.

Keep the sensing openings clear. The alarm cannot detect smoke that does not reach it.

People who cannot hear the alarm may need suitable visual or vibration alerting devices.

### **CAUTION!**

Use the alarm only from 40°F (4.4°C) to 100°F (37.8°C), at no more than 95% relative humidity, non-condensing.

Do not stand close to the alarm when it sounds. The loud horn may harm your hearing.

Do not paint the alarm. Paint may block the sensing openings and prevent proper operation.

Read and keep this guide. If installing the alarm for someone else, leave the guide with them.



## Safety Information, Continued

### WHEN THE ALARM SOUNDS

If the alarm sounds, check for fires first. If no fire is present, check to see if the alarm caused by nuisance alarm (caused by cooking smoke, etc.). If a fire is discovered, follow these steps.

- Get everyone out of the house immediately by your escape plan.
- Keep doors and windows closed, unless you must escape through them.
- Stay close to the floor if the air is smoky. Cover your nose and mouth with a cloth (preferably damp).
- Meet at your planned meeting place outside your home and make sure everyone is there.
- Never return to a burning building for any reason.
- Call the fire department for ideas on making your home safer.

These are situations where a smoke alarm may not be effective to protect against fire as stated in the NFPA Standard 72.

For instance:

- a) Smoking in bed.
- b) Leaving children home alone.
- c) Cleaning with flammable liquids, such as gasoline.



## Safety Information, Continued

### **CAUTION!**

An indication that current studies have shown smoke alarms may not awaken all sleeping individuals, and that it is the responsibility of individuals in the household that are capable of assisting others to provide assistance to those who may not be awakened by the alarm sound, or to those who may be incapable of safely evacuating the area unassisted.

### **WARNING!**

Never remove the batteries to stop an unwanted alarm (caused by cooking smoke, etc.). This will disable the alarm so it cannot sense smoke. Instead open a window or fan the smoke away from the unit.



## Safety Information, Continued

### USING THE SILENCE FEATURE

The Silence Feature can temporarily quiet an unwanted alarm for approximately 10 minutes. If the smoke is not too dense, the alarm will silence immediately and the red LED will flash every 10 seconds. If smoke around the unit is dense enough to suggest a potentially dangerous situation, the unit will stay in alarm or may re-arm quickly. This feature is to be used only when a known alarm condition, such as smoke caused by cooking. To use this feature, press the "Test/Hush" button on the cover.

### WARNING!

Before using the silence feature, identify the source of the smoke and be certain a safe condition exists. If you do not know the source of the smoke, do not assume it is an unwanted alarm. Not responding to an alarm can result in property loss, injury, or death.

The silence feature is only for your convenience and will not correct a problem. Always check your home for a potential problem after any alarm. Failure to do so can result in injury or death.



## Safety Information, Continued

### **SILENCING THE LOW BATTERY WARNING**

This silence feature can temporarily quiet the low battery warning “chirp” for up to 12 hours. You can silence the low battery warning “chirp” by pressing the Test/Hush button on the alarm cover.

Replace the battery as soon as possible, this unit will not operate without battery power!

### **SILENCING THE END OF LIFE SIGNAL**

When the alarm issues end of life warning signals, Replace the alarm immediately! It will not detect anymore. This silence feature can temporarily quiet the end of life warning “chirp” for approximately 24 hours. You can silence the end of life warning “chirp”. The horn will chirp, acknowledging that the end of life silence feature has been activated.

## A Welcome

Thank you for purchasing YoLink products! We appreciate you trusting YoLink for your smart home & automation needs. Your 100% satisfaction is our goal. If you experience any problems with your installation, with our products or if you have any questions that this manual does not answer, please contact us right away. See the Contact Us section for more info.

Thank you!

YoLink Customer Support

---

## User Guide Conventions

The following icons are used in this guide to convey specific types of information:



Very important information  
(can save you time!)



Good to know info but may not  
apply to you

## B Before You Begin

Visit our Photoelectric Smoke Alarm support page on our website, for the latest installation guides, additional resources, information and videos by visiting:

<https://www.yosmart.com/support/YS7A12-UC>

Or by scanning the QR code:



Download the most current version of the user guide by scanning the QR code:



## B Before You Begin, Continued



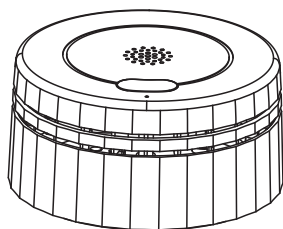
The YS7A12 is a photoelectric smoke alarm. Local smoke detection and its audible alarm operate on battery power.

A compatible YoLink Hub and internet connection are required for app setup, remote notifications, app controls and cloud Automation. The alarm does not connect directly to Wi-Fi.

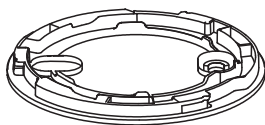
After setup, configured Group Interlink and Control-D2D responses work locally during hub, Wi-Fi or internet outages. Devices must remain powered and within wireless range.



## In the Box



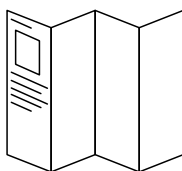
Smoke alarm



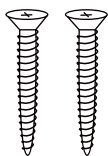
Mounting bracket



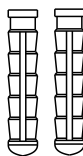
CR123A Battery (Installed)



Quick Start Guide



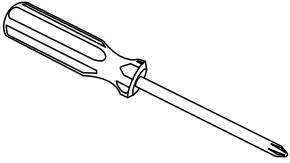
Screw (2)



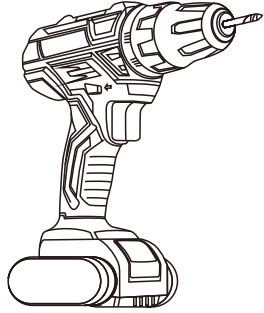
Anchor plug (2)

## D Required Items

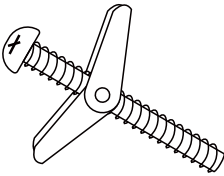
You may require these items:



Medium Phillips Screwdriver

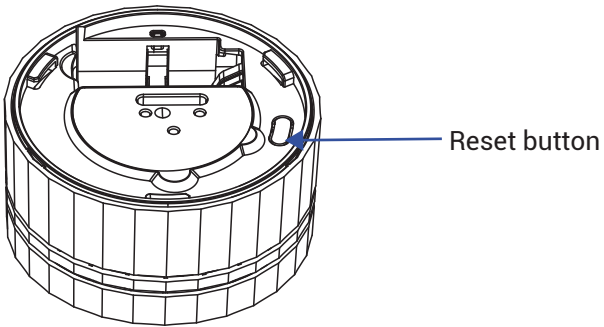
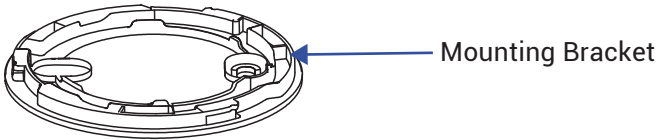
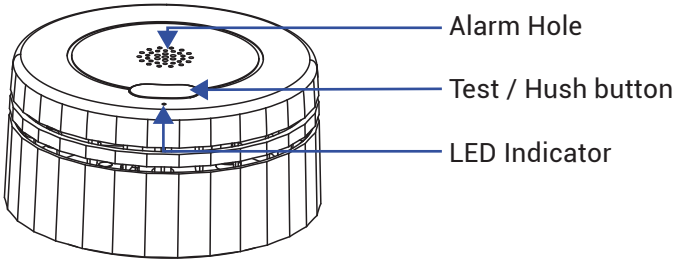


Drill & Drill Bits



Special Anchors

## Smoke Alarm





# Get to Know Your Smoke Alarm, Continued

## Alarm LEDs & Beeps

### Standby Condition



Red: 1 flash every 54 seconds



No sound

### Test / Smoke Alarm



Red: rapid flashing



3 beeps, pause, then repeat

### Hush



Red: 1 flash every 10 seconds



Silent for about 10 minutes

### Low Battery; Replace the Battery



Red: 1 flash every 54 seconds



1 beep every 54 seconds

### Low-Battery Hush



Red: 1 flash every 54 seconds



Silent for up to 12 hours

### Malfunction; Replace the Alarm



Red: 2 flashes every 54 seconds



2 beeps every 54 seconds

### End of Life; Replace the Alarm



Yellow: 3 flashes every 54 seconds



3 beeps every 54 seconds



## Get to Know Your Smoke Alarm, Continued

### Network LED



#### **Rapid Blinking Green**

Networking mode: 5 flashes per second.



#### **Solid Green, Then Off**

Connected: on for 3 seconds, then off.



#### **Slow Blinking Green**

Connection failed: 2 flashes per second  
for about 3 seconds.

## F Install the App

If you are new to YoLink, please install the app on your phone or tablet, if you have not already. Otherwise, please proceed to the next section.

Scan the appropriate QR code below or find the “YoLink app” on the appropriate app store.



Apple phone/tablet



Android phone/tablet

Open the app and tap **Sign up for an account**. You will be required to provide a username and a password. Follow the instructions, to set up a new account. Allow notifications, when prompted.

You will immediately receive a welcome email from [no-reply@yosmart.com](mailto:no-reply@yosmart.com) with some helpful information. Please mark the [yosmart.com](https://yosmart.com) domain as safe, to ensure you receive important messages in the future.

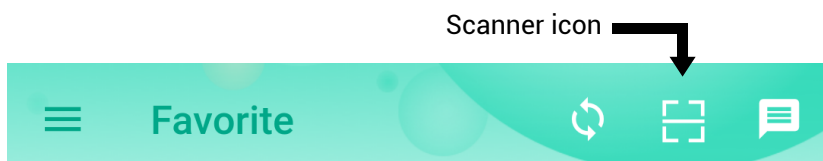
Log in to the app using your new username and password.

The app opens to the **Favorite** screen. This is where your favorite devices and scenes will be shown. You can organize your devices by room, in the **Rooms** screen, later.

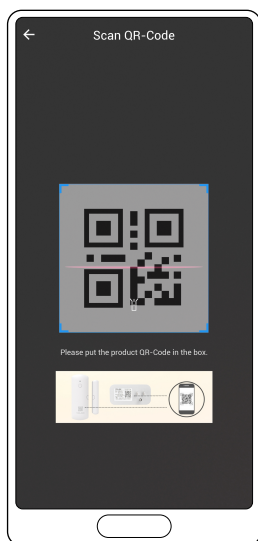
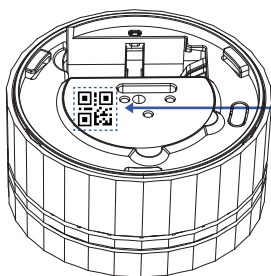


## Add Your Smoke Alarm to the App

1. Tap **Add Device** (if shown) or tap the scanner icon:



2. Approve access to your phone's camera, if requested. A viewfinder will be shown on the app.



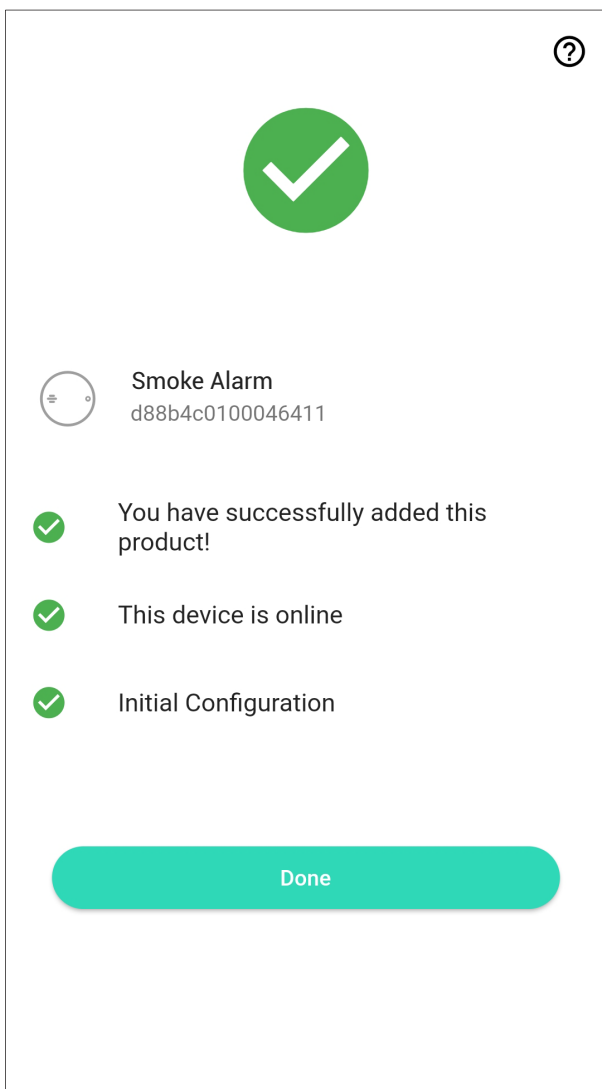
3. Hold the phone over the QR code so that the code appears in the viewfinder. If successful, the **Add Device** screen will be displayed.

G

## Add Your Smoke Alarm to the App, Continued

4. You can change the device name and assign it to a room later. Tap **Bind device**.

5. If successful, the screen will appear as shown. Tap **Done**.





## Power Up & Initial Setup

After adding the alarm to your account, complete these steps before installation. Keep your YoLink Hub online.

### 1. Power On

Remove the battery insulation tab. The green LED flashes rapidly (5 times per second) to indicate networking mode.

### 2. Confirm the Connection

The green LED stays on for 3 seconds, then turns off when the connection succeeds.

If it flashes slowly for about 3 seconds, the connection failed. Follow the steps on the next page.

### 3. Test Before Installation

Press and hold Test/Hush until the alarm sounds. Check the alarm sound and the event record in the YoLink app before mounting the alarm.



## Power Up & Initial Setup, Continued

### If the Connection Fails

1. Check that the hub is online and the alarm is within wireless range.
2. If the alarm is not connected to a network, briefly press RESET once. Rapid green flashing indicates networking mode. This does not erase settings.
3. Check the connection again. If it still fails, see Factory Reset section or contact Customer Support.

### Verify Wireless Communication

After reconnecting, press and hold Test/Hush until the alarm sounds. Confirm that the app receives the test event. Notification delivery depends on your settings and connection.

During normal operation, the alarm periodically reports its battery status to the app.



## Recommended Installation Locations

### NOTICE:

THIS EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION'S STANDARD 72 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269).

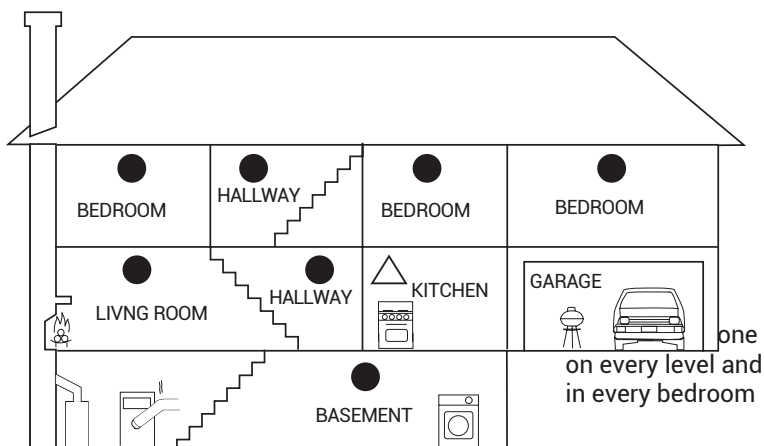
The National Fire Protection Association (NFPA) recommends installing a smoke alarm in the following areas:

- On every floor level, including finished attics and basements.
- In every sleeping area and in every bedroom.
- If your bedroom, hallway or large room is more than 30feet (9.1m) long, install an alarm at each end.
- At the top of the first-to-second floor stairway and on the basement ceiling near the entry of the stairs.
- Installing on the ceiling is recommended, but you should locate it at a minimum of 4inches (10cm) away from the side wall. (See Figure 1)



## Recommended Installation Locations, Continued

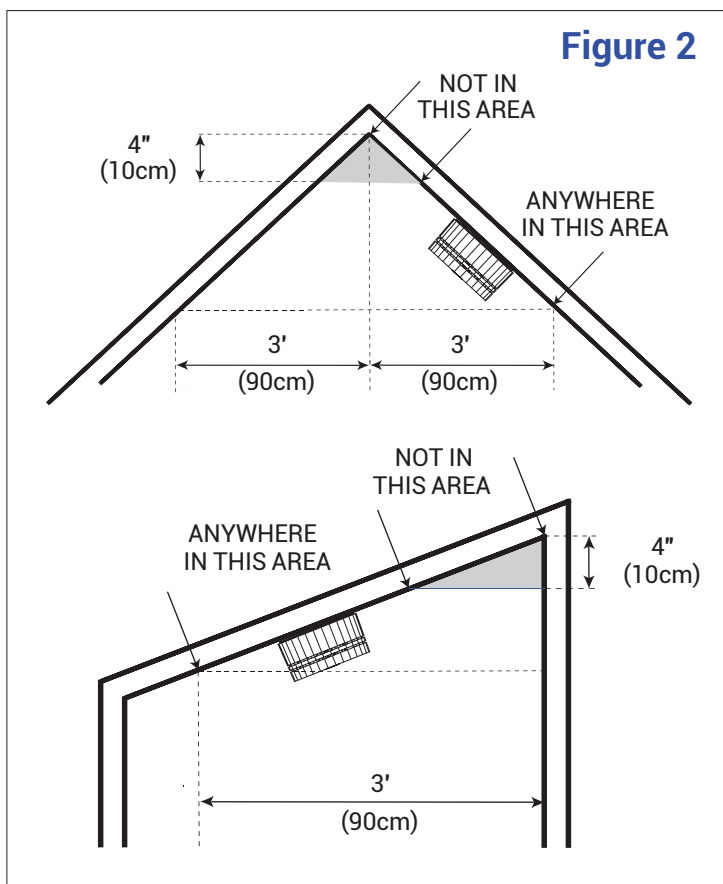
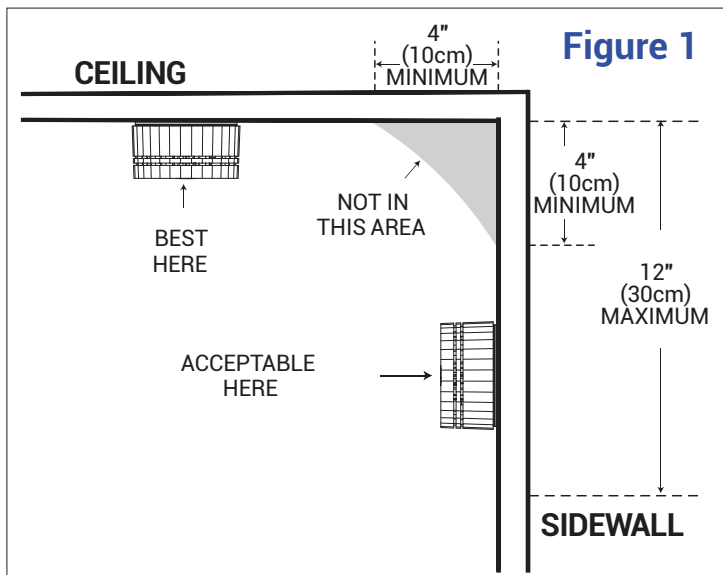
- When installing the alarm on the wall, a distance of 4-12 inches (10-30cm) should be kept below the ceiling. (See Figure 1)
- If you have a sloped, peaked or cathedral ceiling, the alarm should be installed within 3 feet (90cm) of the peak of the ceiling measured horizontally. (See Figure 2)



These alarms are intended primarily for private dwellings. For use in other applications the manufacturer's advice must be sought.

1

# Recommended Installation Locations, Continued



## J

## Locations To Avoid

For best performance, please avoid installing a smoke alarm in these areas:

- In dusty or dirty areas. Dirt and dust can build up and impair performance.
- In areas where the normal ambient temperature is below 40°F (4.4°C) or exceeds 100°F (37.8°C), such as garages and unfinished attics.
- In high humidity areas. Moisture or steam may cause nuisance alarms.
- Near fresh air vents, ceiling fans, or in very drafty areas. Drafts can blow smoke away from the unit, preventing it from reaching the sensing chamber.
- In kitchens, garages, and furnace rooms. Burning material creates combustion particles which could cause your smoke alarm to go off unnecessarily.
- Less than 4inches (10cm) from the peak of an "A" frame type ceiling. The "Dead air" space may prevent smoke from reaching the smoke alarm.
- Near fluorescent lights, amateur radios, or other devices that may transmit an RF signal, as electrical "noise" can interfere with the sensor.

## **K** Install the Smoke Alarm

The smoke alarm is designed to be mounted on the ceiling, or on the wall if necessary. Screw the smoke alarm to the ceiling or wall using the included screws.

1. Remove the mounting bracket from the back of the alarm by holding the mounting bracket and twisting the alarm in the direction indicated on the alarm cover. (See Figure 3)

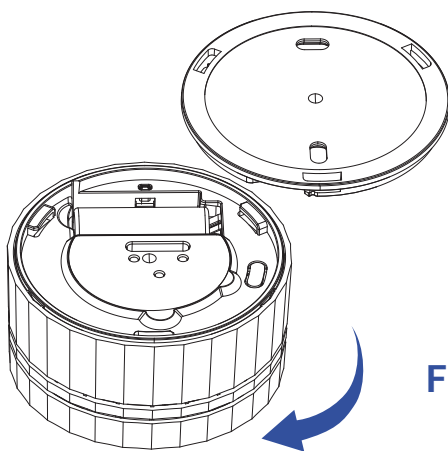


**Figure 3**

2. Locate the mounting bracket in your chosen position, and mark the screw holes on the ceiling or the wall.

**K**

## Install the Smoke Alarm, Continued

- 3.** Drill the holes at the marks with a 3/16" (5 mm) drill bit. Insert the anchor plugs and screw the mounting bracket to the ceiling or wall using the screws provided. (See Figure 4)
- 4.** Attach the smoke alarm to the mounting bracket and turn clockwise to lock the alarm. (See Figure 5)
- 5.** Test the smoke alarm. See "WEEKLY TESTING".

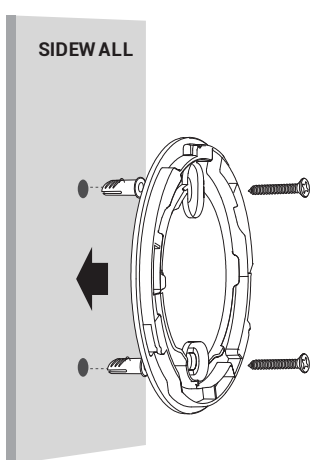


**Figure 4**

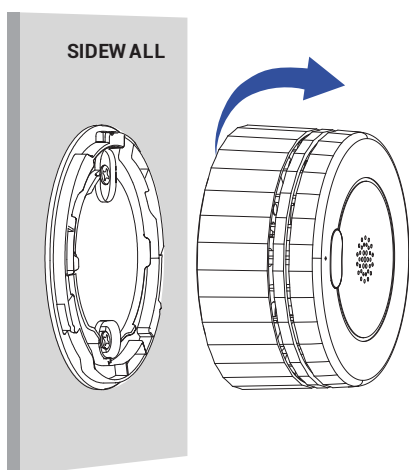


**Figure 5**

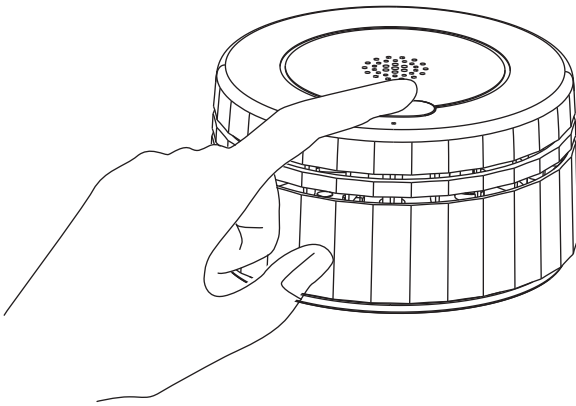


## Testing And Maintenance

### WEEKLY TESTING

**It is important to test this unit weekly to make sure it is working properly.**

Use the Test/Hush button to test the smoke alarm. Press and hold the Test/Hush button on the cover of the unit until the alarm sounds (the unit may continue to alarm for a few seconds after you release the button). If it does not alarm, make sure the unit is receiving power, and test it again. If it still does not alarm, replace it immediately. During testing you will hear a loud, repeating horn pattern: 3 beeps, pause, 3 beeps, pause.





## Testing and Maintenance, Continued



- Test the alarm device weekly to ensure proper operation. If the alarm ever fails to test correctly, have it replaced immediately. If the alarm is not working properly, it cannot alert you to a problem.
- NEVER use an open flame of any kind to test this alarm. You might accidentally damage or set fire to the unit or to your home.
- DO NOT stand close to the alarm when the horn is sounding, always stand an arms-length away from the unit when testing.



## Testing and Maintenance, Continued

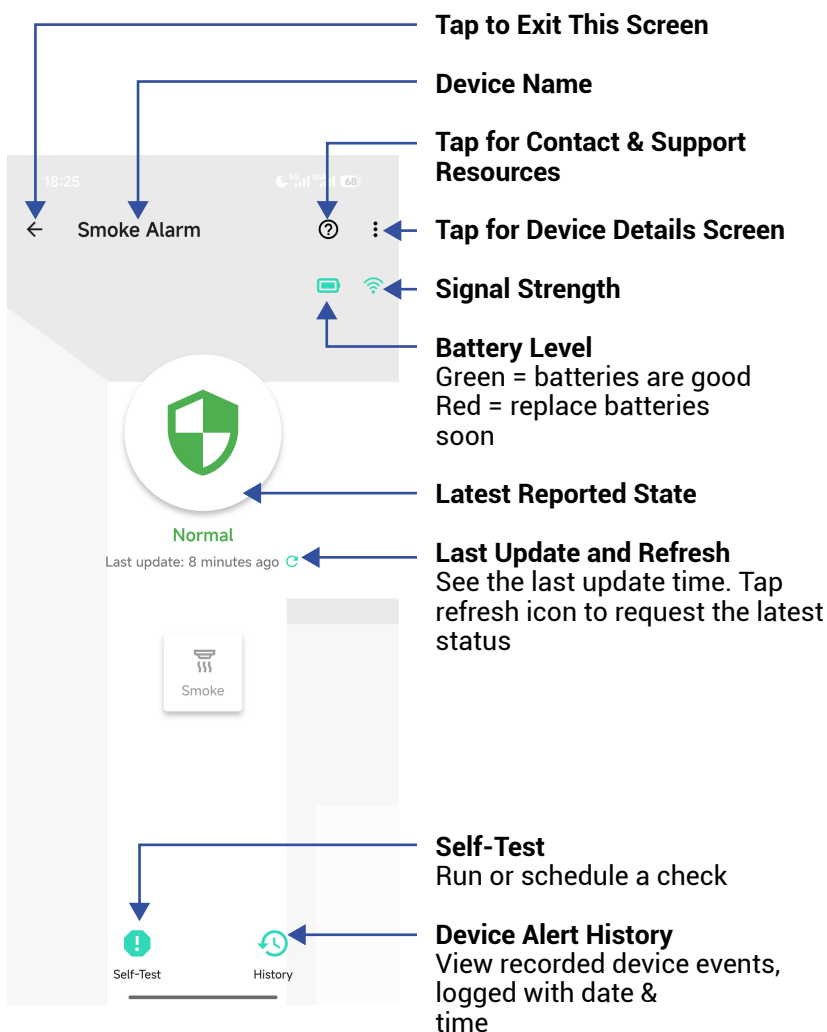
### **REGULAR MAINTENANCE**

To keep the alarm working properly, follow these simple methods:

- Test the alarm at least once a week to verify the unit's alarm and indicator are working properly.
- Clean the alarm annually by using compressed air or a vacuum cleaner hose. Never use water, cleaners or solvents since they may damage the unit.
- If the smoke alarm cannot be cleaned to avoid unwanted alarms, replace the alarm immediately.
- When you hear the low battery warning ("chirp" approximately once every 54 seconds), please replace the battery immediately to continue your protection.

# M App Functions: Device Screen

In the app, tap the Smoke Alarm tile to open its device screen.





# App Functions: Device Details Screen

Tap the three dots (in the upper right corner) to open the Details screen.

18:26

5G

50A

58

<

Details

?

Type

Photoelectric Smoke Alarm

Name

Smoke Alarm >

Room

7A12 >

Favorite

Will show in favorite screen

♡

History

Get device activity logs

>

Alert

>

Silence Duration

10 min >

Group Interlink

>

Time

9/21 02:26:17 (GMT-8)

GMT-8 >

State

Normal

D2D Control Management

>

Other

Model

YS7A12-UC

Device EUI

d88b4c00000307a9

 >

SN

3D8A33C624

 >

Temperature

95 °F

Signal Intensity

Strong (~27 dBm)

Battery



Firmware

1214

Delete

Device Type

Name  
Tap to rename the alarm

Room  
Assign the alarm to a room

Favorite  
Show or hide it in Favorites

History  
View recorded device events

Alert  
Tap to edit Alert Settings

Silence Duration  
Select the available silence duration

Group Interlink  
Manage linked alarm groups

Time  
Sync device time

State

D2D Control Management  
Manage local D2D pairings



# App Functions: Device Details Screen, Continued

D2D Control Management >

Other

Model YS7A12-UC

Device EUI d88b4c00000307a9  >

SN 3D8A33C624  >

Temperature 95 °F

Signal Intensity Strong (-27 dBm)

Battery 

Firmware 1214

Delete

**Model Number**

**Device EUI**  
Unique Identifier Number (Unique)

**Device Serial Number**

**Temperature**  
The temperature reported by the alarm

**Signal Intensity**  
(From YoLink Hub)

**Battery**

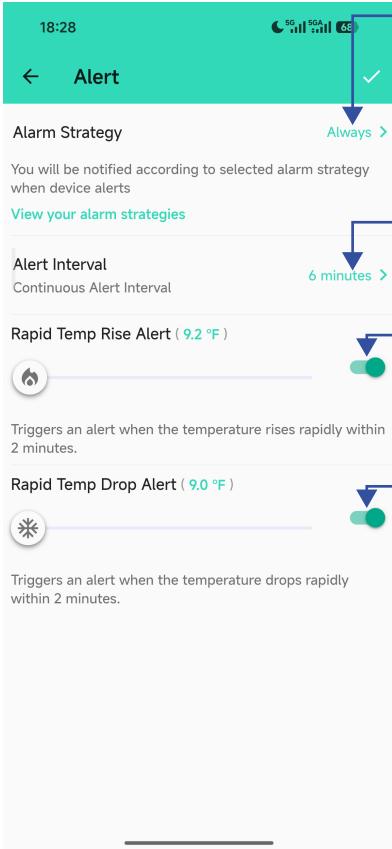
**Firmware Revision**

**Delete**  
Remove the device from your YoLink account



# App Functions: Alert Screen

Tap Details > Alert to configure alarm notifications and rapid temperature-change alerts.



## Alarm Strategy

Select the notification and action strategy

## Alert Interval

Repeat remote reminders while an alarm continues

## Rapid Temp Rise Alert

Enable and set an alert for a temperature rise within 2 minutes

## Rapid Temp Drop Alert

Enable and set an alert for a temperature drop within 2 minutes

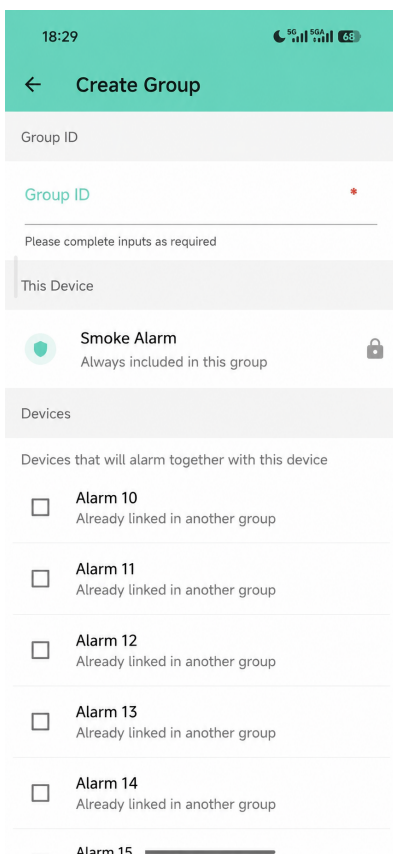
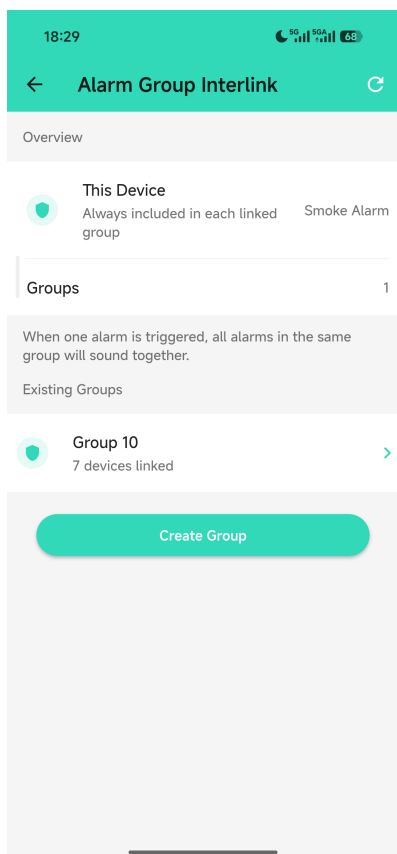


# Alarm Group Interlink

Link compatible smoke or CO alarms so that when one alarm detects smoke, all alarms in the same group sound together.

Open Details > Group Interlink and tap Create Group. Enter a Group ID, select the alarms to include, and follow the on-screen prompts to save. The current alarm is automatically included.

To review or change a group, select it under Existing Groups and follow the app prompts.

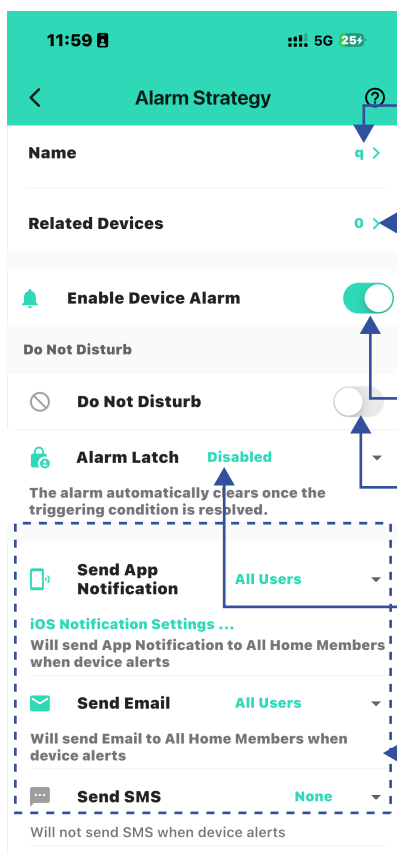




# App Functions: Alarm Strategy Screen

Configure your notifications in Alarm Strategy settings.

To receive notifications, go to Menu > Settings > Account Settings > Advanced Settings in the YoLink app and enable your preferred notification methods: push notifications, email, or SMS. For email notifications, verify your email address. For SMS notifications, add your phone number.



## Name

Tap to edit the name

## Related Devices

Tap to add more devices (that can alert) to this strategy, a device can be related to only one strategy

## Tap to Enable or Disable the Strategy

## Do Not Disturb

Schedule pauses for remote notifications

## Alarm Latch

Keep the app alarm visible after the condition clears, until acknowledged or reset

## Notification Recipients

Choose the recipients offered for each channel, such as All Users, Admin, Authorized Users, or None



# App Functions: Alarm Strategy Screen, Continued

Set how alerts reach you and which actions run.

The screenshot shows the 'Alarm Strategy' screen with the following sections and annotations:

- Do Not Disturb**: A toggle switch is shown in the 'Off' position.
- Alarm Latch**: Set to 'Disabled'. An arrow points from this section to the 'Send App Notification' section.
- Send App Notification**: Set to 'All Users'. An arrow points from this section to the 'iOS Notification Settings' section.
- iOS Notification Settings ...**: A link to configure iOS notification options. An arrow points from this section to the 'Send Email' section.
- Send Email**: Set to 'All Users'. An arrow points from this section to the 'Send Email' text block.
- Send SMS**: Set to 'None'. An arrow points from this section to the 'Send SMS' text block.
- Trigger Action**: Set to 'None'. An arrow points from this section to the 'Trigger Action' text block.
- Save**: A large green button at the bottom. An arrow points from this button to the 'Save' text block.

## Send App Notification

Select who receives app push alerts

## iOS Notification Settings

Configure the available iOS notification options

## Send Email

Select recipients for email alerts

## Send SMS

Select recipients for SMS alerts. Message allowances and plan limits may apply (subscribe required if desired to send to all members). Enable phone notification permissions. Verify the email address and phone number used for the selected channels.

## Trigger Action

Select a supported device action (sirens or speakerhubs, sold separately) or Scene.

## Save

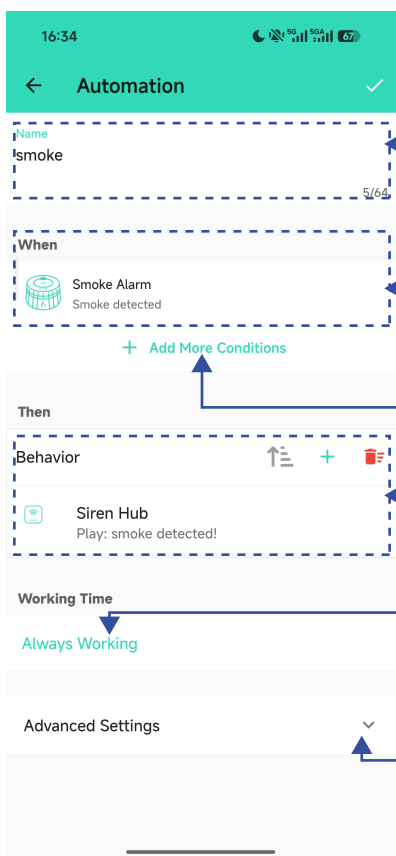
Save changes to the strategy



# App Functions: Automation

Use the Smoke Alarm as an automation condition. For example, smoke detection can trigger a sirenhub to sound. The sirenhub is sold separately.

Set the condition and action in the YoLink app, then save and test the automation. Cloud automations require an online hub and an internet connection.



**Name**  
Enter a recognizable name

**When**  
Select the source device and event

**Add More Conditions**  
Add another condition if needed

**Then / Behavior**  
Add a notification or another supported action

**Working Time**  
Choose when the rule can run.  
Always Working applies no time restriction

**Advanced Settings**  
Expand to review options available in your app version



### **What Is Control-D2D?**

Control-D2D lets your smoke alarm directly trigger a compatible YoLink device, such as a siren or light-control device, when smoke is detected.

The alarm is the controller; the device receiving the command is the responder. Compatible response devices are sold separately.

### **Works Locally After Setup**

Once paired, the direct response can run during hub, Wi-Fi or internet outages. Both devices must have power and remain within wireless range.

App setup, remote notifications and cloud Automation still require an online hub and internet connection.

### **Different from Group Interlink**

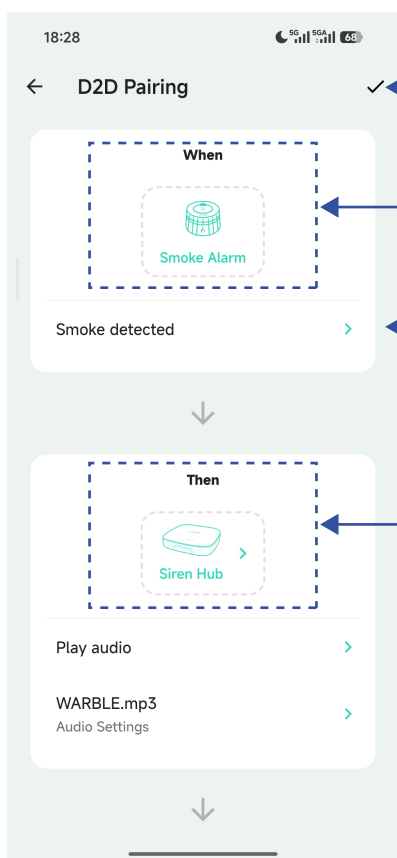
Group Interlink makes configured smoke or CO alarms sound together. Control-D2D pairs the alarm with a compatible response device. Configure and check each function separately.



# Control-D2D, Continued

## Pair Using the App

Open Details > D2D Control Management and tap + ADD. Select Smoke detected as the trigger, choose a compatible YoLink device and its action, then follow the on-screen prompts to complete pairing.



✓ **Check Mark**  
Complete the pairing using the on-screen prompts

**When**  
Your smoke alarm is the controller

**Alert**  
Select Smoke detected as the trigger

**Then**  
Select a compatible YoLink device as the responder, such as a Siren Hub



**Note:** App D2D Pairing requires an online hub. After pairing, Control-D2D operates without a hub or internet. Test before use.



## Control-D2D, Continued

### **Check the Pairing**

Review the saved controller, trigger, responder and action in D2D Control Management. Confirm that the selected response device is powered and within range.

Follow the response device's instructions to verify its action. Use only approved smoke-alarm testing methods. A self-test record alone does not confirm every linked action.

### **Change or Remove a Pairing**

Open Details > D2D Control Management. Select the pairing and follow the on-screen prompts to review, edit, or remove it.

After removal, test again to confirm that the responder no longer performs the action through this pairing. Other D2D pairings or cloud automations may still trigger the responder.

### **Avoid Conflicting Actions**

While online, cloud Automation and D2D may both operate. Review both configurations if the responder behaves unexpectedly.



## App & Third-Party Services

### **Third-Party Integrations**

The Smoke Alarm works with Alexa, Google Assistant, IFTTT, and Home Assistant. Available features vary by platform.

### **Alexa, Google Assistant & IFTTT**

In the YoLink app, open Settings > Third-Party Services. Select the service and follow the on-screen instructions to link your account.

### **Home Assistant**

For setup instructions, visit:  
[www.home-assistant.io/integrations/yolink/](http://www.home-assistant.io/integrations/yolink/)

### **Share Access**

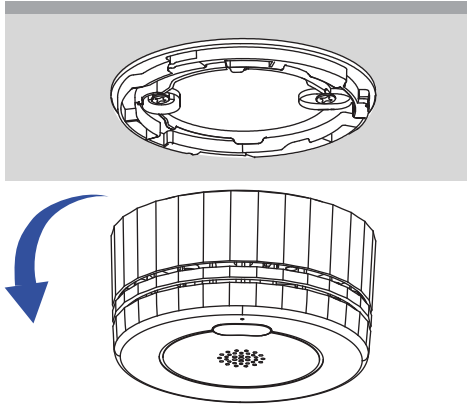
Use the app's home-sharing settings to give household members access. Review their permissions and notification settings.

A compatible YoLink Hub and an internet connection are required for these services.

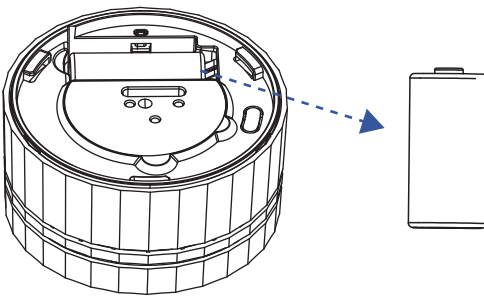


## Battery Replacement

- 1 Hold the mounting bracket and twist the alarm in the direction marked on its cover.



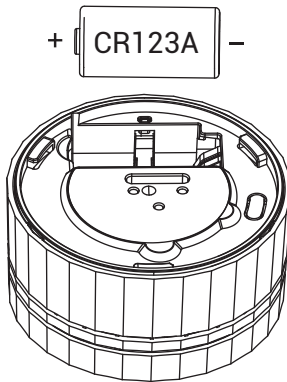
- 2 Remove the old battery from the alarm.





## Battery Replacement, Continued

- 3 Install one 3V EVE CR123A battery, matching the polarity marks. Reattach the alarm and test it with Test/Hush.



### WARNING!

- Use only batteries specified by this User's Manual. Use of a different battery will have a detrimental effect on smoke alarm operation. Constant exposures to high or low temperatures or high humidity may reduce battery life.
- Unit will not operate without battery power. Alarm will warn you in advance when battery is running low so that you can replace it.



# Factory Reset

## Before You Reset

A factory reset erases all device settings, including saved network information. Record settings you need before proceeding.

## Reset the Alarm

1. Briefly press the RESET button 5 times.
2. Then press and hold RESET for 1 second, until the green LED turns solid and then goes off.
3. The alarm automatically enters networking mode. The green LED flashes rapidly.

## Reconnect and Test

Reconnect the alarm through the YoLink app. Review Group Interlink, D2D pairings, notifications and automations, then verify the required functions.

RESET is separate from Test/Hush. Use Test/Hush for the regular alarm test.



## Firmware Updates

### **Check for an Update**

Open the alarm's Details screen and tap Firmware. If an update is available, follow the on-screen instructions.

### **During the Update**

Keep the YoLink Hub online and the alarm within wireless range. Leave the battery installed and wait for the update to finish.

### **After the Update**

Check the device status and firmware version in Details. Review any changed app controls.

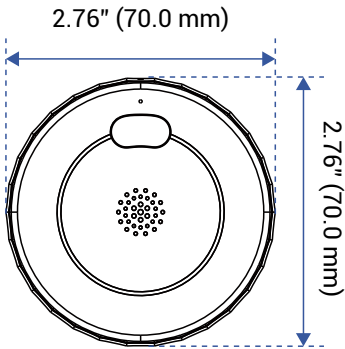
If the update fails, check the connection and try again, or contact Customer Support.



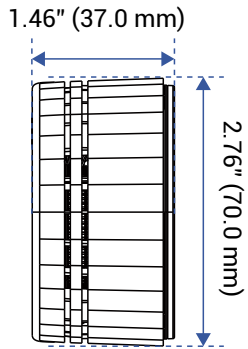
## Specifications

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Model                             | YS7A12-UC                          |
| Sensor Type                       | Photoelectric                      |
| Power Supply                      | DC 3V (EVE CR123A)                 |
| Battery Life                      | Up to 5 years*                     |
| Alarm Sound Level                 | ≥ 85 dB at 3 m<br>(straight ahead) |
| Operating Temperature             | 40°F to 100°F<br>(4.4°C to 37.8°C) |
| Operating Humidity                | ≤ 95% RH<br>(non-condensing)       |
| Alarm Sensitivity                 | 1.9%/ft ± 0.33%/ft OBS             |
| Dimensions<br>(Diameter x Height) | Ø70 x H37 mm<br>Ø2.76 x 1.46 in    |

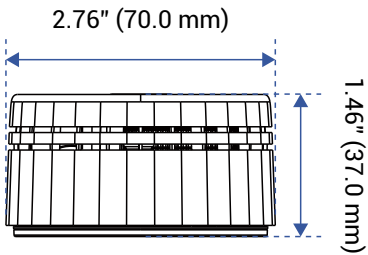
\*Battery life depends on use, settings and operating conditions. Replace the battery promptly when a low-battery warning appears.



FRONT



SIDE



TOP

### **Device Is Offline**

Check that the YoLink Hub has power and internet access. Confirm the alarm's battery is installed correctly and replace it if low.

Move the hub closer if necessary, while keeping the alarm in a suitable installation location. Walls and building materials can reduce wireless range.

If the alarm is not connected to a network, briefly press RESET once to enter networking mode.

### **No App Notifications**

Check Alert > Alarm Strategy, recipients, Do Not Disturb, account settings and phone notification permissions. Keep the hub online.

### **Alarm Does Not Sound During Testing**

Check the battery and repeat the Test/Hush test. If it still fails, replace the alarm promptly and contact Customer Support.



## Troubleshooting, Continued

### **Low Battery, Fault or End of Life**

Replace the battery for a low-battery warning.  
Replace the alarm for a malfunction or end-of-life warning.

### **Linked Response Does Not Work**

For Group Interlink, review group membership and wireless range.

For Control-D2D, review the saved pairing, trigger and response action. Check responder power and range. Reconfigure as needed.

For cloud Automation, check the trigger, action, working time and internet connection.

### **App Self-Test Fails**

Check the hub connection and battery, then test locally with Test/Hush. If the local test fails, replace the alarm.

### **Factory Reset**

Follow the instructions in the Factory Reset section only when needed . It erases settings. If the problem continues, contact Customer Support.

## **z** Warnings

- Install, operate and maintain the alarm as described in this guide. Test it weekly and after installation or battery replacement.
- Never ignore an alarm. Never remove the battery to silence an unwanted alarm. Identify the smoke source and confirm that conditions are safe before using Silence or Test/Hush.
- Use one new, specified 3V EVE CR123A non-rechargeable battery. Observe the polarity markings.
- Do not recharge, short-circuit, disassemble, heat or burn the battery. Dispose of used batteries according to local requirements.
- Use the alarm indoors within the temperature and humidity limits in Specification section. Keep it away from water and condensation.
- Keep the sensing openings clear. Do not paint the alarm. Clean the alarm as described in Testing and Maintenance.

## Z Warnings, Continued

- Keep the alarm away from open flames, excessive heat, impacts and strong vibration.
- Do not modify or repair the alarm. Contact Customer Support if it is damaged or does not operate correctly.
- Remote alerts require an online hub, internet access and correctly configured app and phone settings. Check these settings regularly.
- Temperature-change alerts and connected-device actions supplement smoke detection. They do not replace the smoke alarm, weekly testing or an escape plan.
- Interlink and D2D require prior configuration, device power and sufficient wireless range. Check the intended response after changes.
- Replace the alarm when it reports a fault or end of life. Follow the replacement guidance in this manual.



### **2 Year Limited Electrical Warranty**

YoSmart Inc. warrants to the original user ("customer") of this product that it will be free from defects in materials and workmanship, under normal use, for 2 years from the date of purchase.

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 does not cover neglected or abused products.

This warranty is limited to the 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. The customer must provide proof of purchase, in the form of the original purchase invoice or order number. The purchase must have been made from an authorized seller.

To implement this warranty please contact us by one of the methods listed on the Contact Us page of this user guide.



# Agency Placement Recommendations

## NFPA 72 Chapter 29

"For your information, the National Fire Alarm and Signaling Code, NFPA 72, reads as follows:"

### "29.5.1 \*Required Detection."

\*29.5.1.1 Where required by other governing laws, codes, or standards for a specific type of occupancy, approved single and multiple-station smoke alarms shall be installed as follows:

- (1) \*In all sleeping rooms and guest rooms.
- (2) \*Outside of each separate dwelling unit sleeping area, within 21ft (6.4 m) of any door to a sleeping room, with the distance measured along a path of travel.
- (3) On every level of a dwelling unit, including basements.
- (4) On every level of a residential board and care occupancy (small facility), including basements and excluding crawl spaces and unfinished attics.
- (5) \*In the living area(s) of a guest suite.
- (6) In the living area(s) of a residential board and care occupancy.



## Agency Placement Recommendations, Continued

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## California State Fire Marshal (CSFM)

Early warning detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows:

A smoke alarm installed in each separate sleeping area (in the vicinity, but outside bedrooms), and Heat or smoke alarms in the living rooms, dining rooms, bedrooms, kitchens, hallways, finished attics, furnace rooms, closets, utility and storage rooms, basements, and attached garages.



## Limitations Of Smoke Alarms

- Smoke alarms can help save lives by providing an early warning of a fire, but they are not foolproof. Smoke Alarms can only work if they are properly located, installed, and maintained, and if smoke reaches them.
- This smoke alarm device is NOT designed to be the PRIMARY protection for buildings that require complete fire alarm systems. Buildings of this type include hotels, motels, dormitories, hospitals, nursing homes, and group homes. This is true even if they were once single family homes. However, this smoke alarm device may be used inside individual rooms as supplemental protection.
- Smoke alarms cannot work without power. The battery powered alarm use only batteries specified by this User's Manual. Use of a different battery will have a detrimental effect on smoke alarm operation.
- Smoke alarms should be tested at least once a week to ensure continued protection. Smoke Alarms cannot prevent or extinguish fires. They are not a substitute for property or life insurance.

## Limitations Of Smoke Alarms, Continued

- Smoke alarms cannot provide an alarm if the smoke does not reach them. Therefore, smoke alarms may not sense the smoke from fires in chimneys or walls, on roofs, or on a different floor.
- Smoke alarm devices can sound their alarms only when they detect smoke. Smoke alarm devices detect combustion particles in the air. They do not sense heat, flame, or gas. This smoke alarm device is designed to give audible warning of a developing fire. However, many fires are fast-burning, explosive, or intentional. Others are caused by carelessness or safety hazards. Smoke may not reach the unit quickly enough to ensure safe escape.
- Smoke alarms may not alert all individuals. The alarm horn is loud in order to alert individuals to a potential danger. However, there may be limiting circumstances where a household member may not hear the alarm. The use of alcohol or drugs may also impair one's ability to hear the smoke alarm. Special purpose units, like those with visual and vibration alarms, should be installed for hearing impaired residents.



## Limitations Of Smoke Alarms, Continued

- Smoke alarm devices have limitations. This smoke alarm device is not foolproof and is not warranted to protect lives or property from fire. Smoke alarm devices are not a substitute for insurance. Homeowners and renters should insure their lives and property. In addition, it is possible for the smoke alarm device to fail at any time. You should always replace a smoke alarm after 10 years from date of purchase.



## FCC Statement

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.

Note: 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.



## FCC Statement, Continued

- 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 equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

PRODUCT NAME:  
PHOTOELECTRIC SMOKE ALARM

---

RESPONSIBLE PARTY:  
YOSMART, INC.

---

TELEPHONE:  
831-292-4831

---

MODEL NUMBER:  
YS7A12-UC

---

ADDRESS:  
25172 ARCTIC OCEAN DRIVE, SUITE 106, LAKE  
FOREST, CA 92630 USA

---

EMAIL:  
SERVICE@YOSMART.COM

---



## ISED Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development

Canada's licence-exempt RSS(s). Operation is subject to the

following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment should be installed and operated with a minimum distance of 10 cm between the radiator and your body.



## Contact Us

We are here for you, if you ever need any assistance installing, setting up or using a YoLink app or product!

Need help? For fastest service, please email us 24/7 at [service@yosmart.com](mailto:service@yosmart.com)

Or call us at **831-292-4831** (US phone support hours: **Monday - Friday, 9AM to 5PM** Pacific)

You can also find additional support and ways to contact us at:

[www.yosmart.com/support-and-service](http://www.yosmart.com/support-and-service)

Or scan the QR code:



Support Home Page

Finally, if you have any feedback or suggestions for us, please email us at [feedback@yosmart.com](mailto:feedback@yosmart.com)

Thank you for trusting YoLink!

YoLink Customer Support

# YOLINK

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