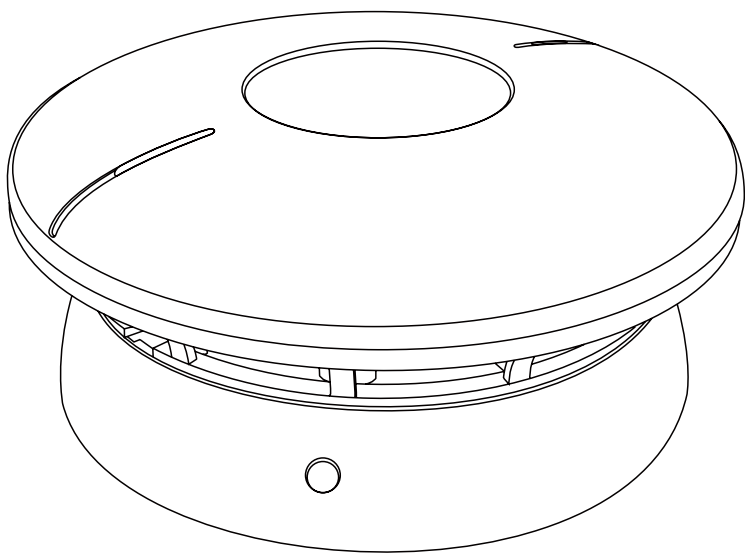




Smoke & CO Alarm

YS7A01-UC



Installation & User Guide

Revision Jun. 03, 2026

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

<https://www.yosmart.com/support/YS7201-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

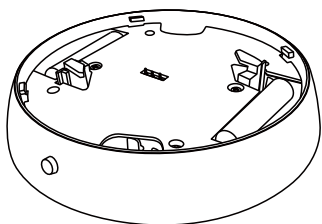


Your Smoke & CO Alarm connects to the internet via a YoLink hub, and it does not connect directly to your WiFi or local network. In order for remote access to the device from the app, and for full functionality, a hub is required.

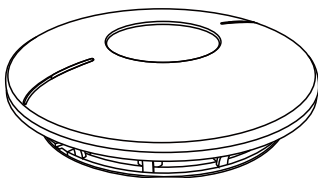
This guide assumes the YoLink app has been installed on your smartphone, and a YoLink hub is installed and online (or your location, apartment, condo, etcetera, is already served by a YoLink wireless network).



In the Box



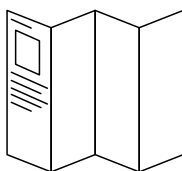
Communication Base



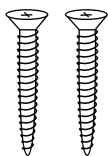
Smoke & CO Head AJ-939



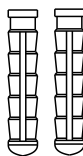
Two AA Batteries (Installed)



Quick Start Guide



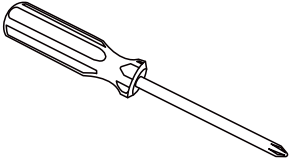
Phillips Screws (2)



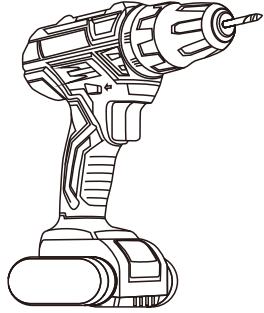
Plastic Anchors (2)

D Required Items

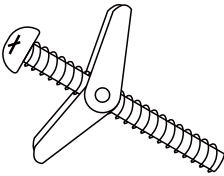
You may require these items:



Medium Phillips Screwdriver



Drill & Drill Bits

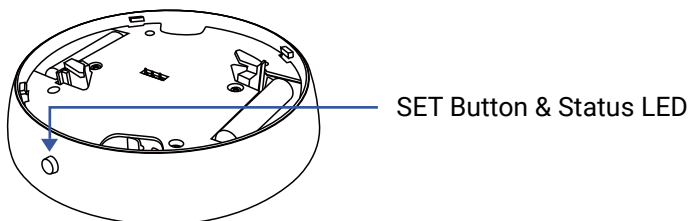


Special Anchors

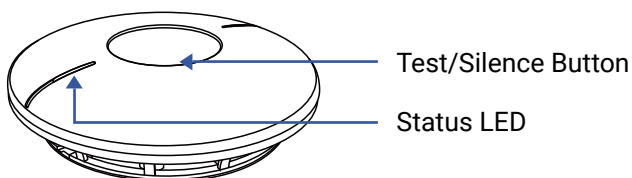
E

Get to Know Your Smoke & CO Alarm

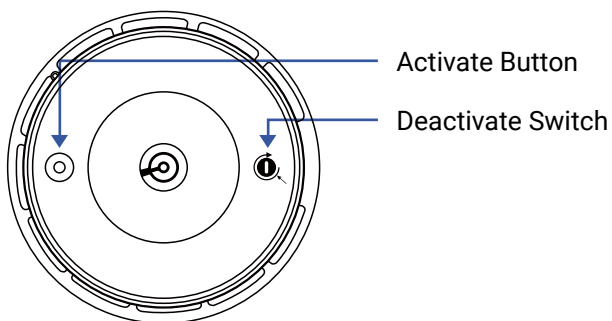
Communications Base



Smoke & CO Head Top



Smoke & CO Head Bottom





Get to Know Your Smoke & CO Alarm, Continued

LED Behaviors



Blinking Red Once, then Green Once
Device Start Up



Blinking Red And Green Alternately
Restoring to Factory Default Settings



Blinking Green
Connecting to the Cloud



Fast Blinking Green
Control-D2D Pairing in Progress



Slow Blinking Green
Updating



Blinking Red Once
Device is Connected to the Cloud and is Functioning Normally



Fast Blinking Red
Control-D2D Unpairing in Progress



Fast Blinking Red Every 30 Seconds
Batteries Are Low; Replace the Batteries

Head LED & Sound Behaviors:



Green LED Once a Minute
Normal Operation



3 Red LED Flashes
3 Beeps, 1.5 Second Pause
Smoke Alarm



4 Red LED Flashes
4 Beeps, 5 Second Pause
CO Alarm



1 Yellow LED Flash
1 Chirp, 60 Second Pause
Low Battery (Head Must be Replaced)



2 Red LED Flash
2 Beeps, 60 Second Pause
Trouble (Head Must be Replaced)

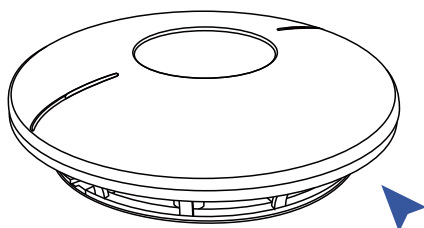


1 Yellow LED Flash
2 Chirps, 60 Second Pause
Head End-of-Life (Head Must be Replaced)



Anka Smoke & CO Head Manual

Visit the user manual of Anka Smoke & CO Head by clicking the following image:



or by scanning the QR code:



or by visiting:

<https://www.yosmart.com/support/AJ732-AJ939-UC/docs/instruction>



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
iOS 9.0 or higher



Android phone/tablet
6.0 or higher

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 with some helpful information. Please mark the yosmart.com domain as safe, to ensure you receive important messages in the future.

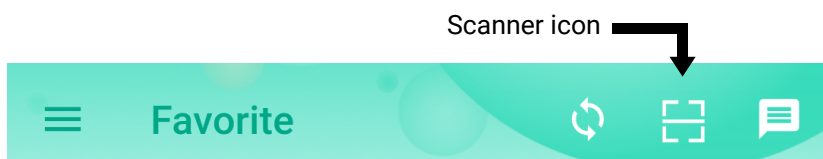
Log in to the app using your new username and password.

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.

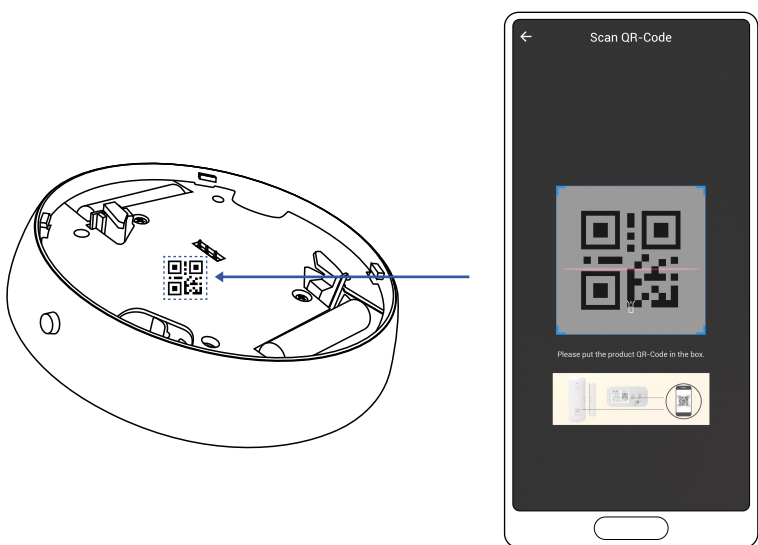


Add Your Smoke & CO Alarm to the App

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.



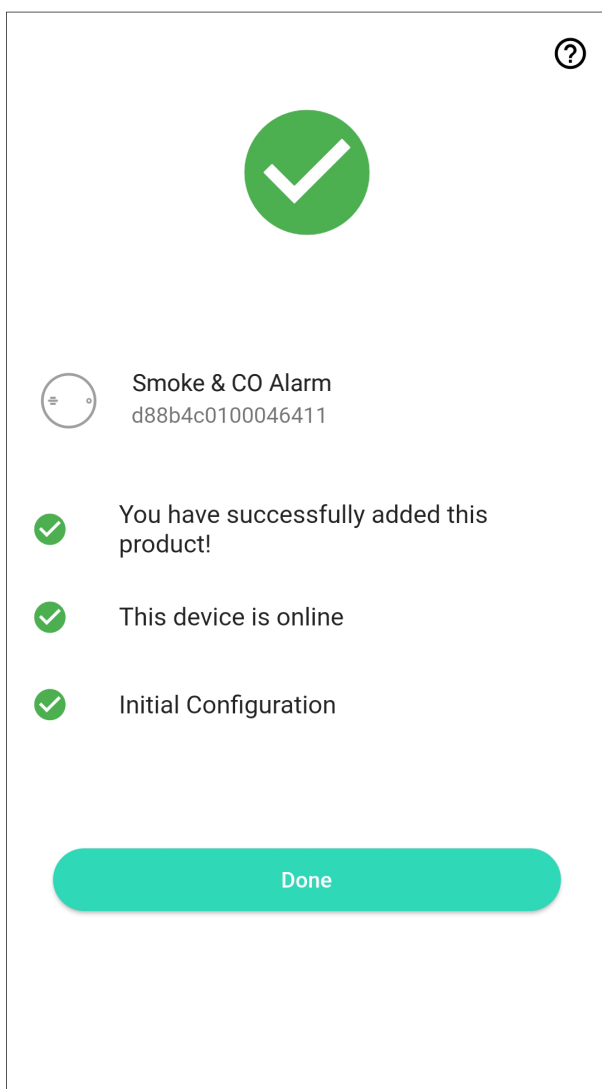
3. Hold the phone over the QR code so that the code appears in the viewfinder. If successful, the **Add Device** screen will be displayed.



Add Your Smoke & CO Alarm to the App, Continued

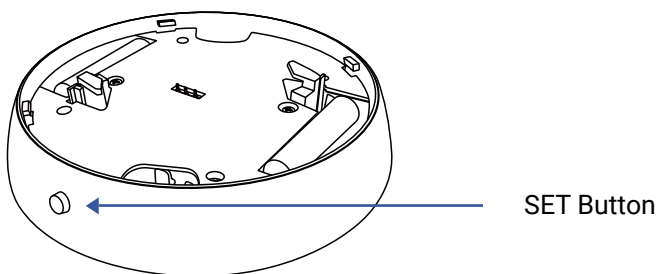
4. You can change the device name and assign it to a room later. Tap **Bind device**.

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



I Power Up

Turn on the Communication Base by briefly pressing the SET button, until you see the LED flash red then green.



J Installation



Before physically installing the device, please review the guide included with the smoke head, in particular, location considerations. It is recommended that you configure and test your Smoke & CO Alarm prior to installing it.



1. You must activate the head before installation.

Depress the Activation Button on the head. This is a one-time button that remains depressed. Pressing this button activates the head and starts the End-of-Life timer, so do not press this button until you are ready to install the device.

2. “Bench test” your new Smoke & CO Alarm before installation. Twist the head into the base until it snaps in place and is not loose. Press the test button on the top of the head, until the alarm sounds and the LEDs flash. Check and confirm the alarm is displayed in the app, as well. Confirm this result before proceeding to the next step.

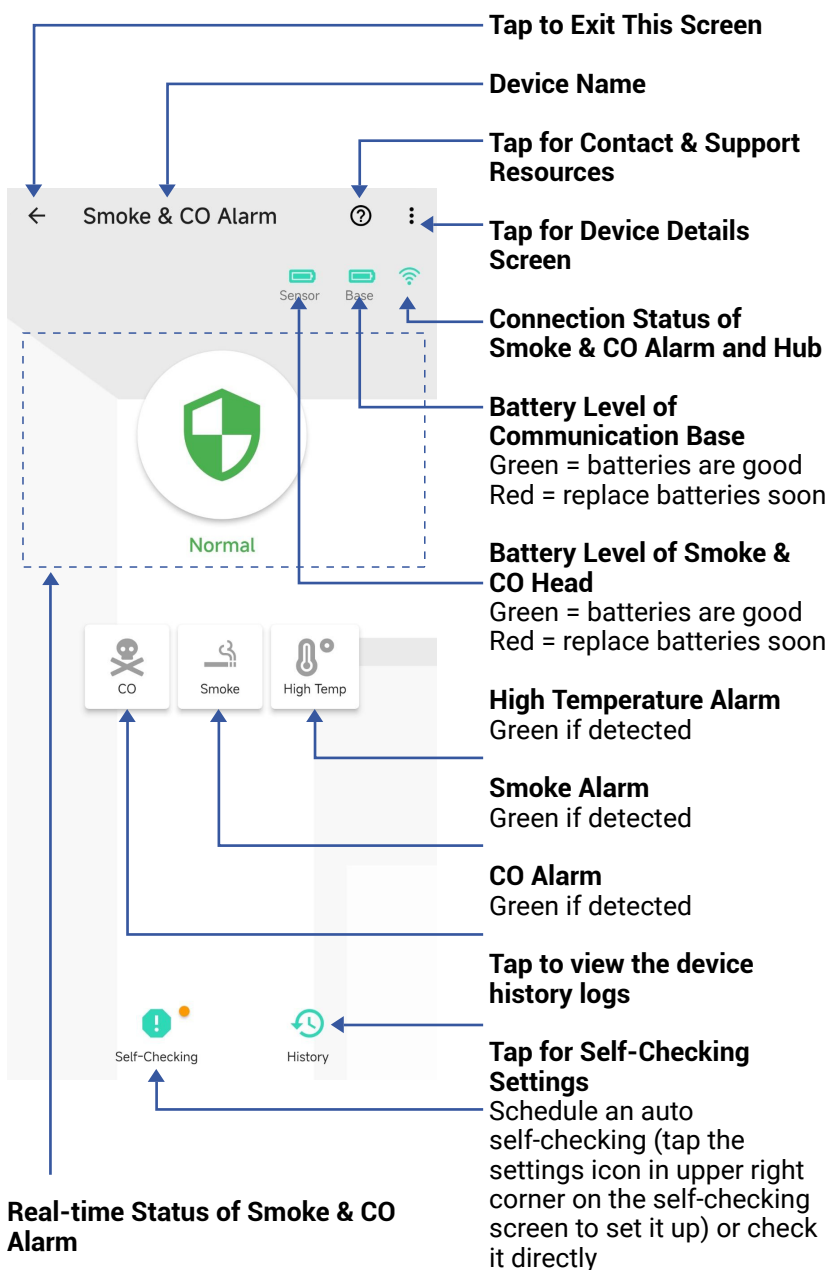
3. Determine the appropriate location for your Smoke & CO Alarm. Review the guide packaged with the head, or the Anka Smoke & CO Head Manual step.

4. Remove the head from the base, as required. Secure the base to the ceiling or wall, using the two supplied screws and anchors, or using your own specialty anchors (e.g. toggle bolts or concrete anchors).

5. Twist the head into the base.

6. Test the device.

In the app, tap on your Smoke & CO Alarm icon. Your Smoke & CO Alarm main screen should be similar to the one shown below.





App Functions: Device Details Screen

Tap the three dots (in the upper right corner) to open the Smoke & CO Alarm **Details** screen. Your Smoke & CO Alarm's screen should be similar to the one shown below.

← Details ?

TypeSmoke & CO Alarm

NameSmoke & CO Alarm >

RoomNot Set >

Favorite

Will show in favorite screen

♥

History

Get device activity logs

>

Alarm Strategy

Disabled >

You will be notified according to selected alarm strategy when device alerts

View your alarm strategies

Alert Interval

Continuous Alert Interval

2 minutes >

Time

2/1 13:37:09 (GMT+4)

Sync With Mobile >

State

Normal

Other

Model

YS7A01-UC

Device EUI

d88b4c0100033557

Device Type

Device Name
(Tap to Edit)

Room
(Tap to Edit)

Favorite
(Red if Favorite, Tap to Edit)

Device history
Tap to view device history

Alarm Strategy
Tap to edit the sensor's Alarm Strategy

Alert Interval
Choose how often you want to be reminded after an alarm

Time
Tap to sync with mobile

State



App Functions: Device Details Screen, Continued

←

Details

?

View your alarm strategies

Alert Interval

Continuous Alert Interval

2 minutes >

Time

2/1 13:37:10 (GMT+4)

Sync With Mobile >

State

Normal

Other

Model

YS7A01-UC

Device EUI

d88b4c0100033557

SN

656B68A975

 >

Temperature

75 °F

Signal Intensity

Strong (~28 dBm)

Battery



Firmware

0108

Delete

Model Number

Device EUI
Unique Identifier Number

Device Serial Number

Temperature

Signal Intensity
(From YoLink Hub)

Battery

Firmware Revision
(Refer to page 27)

Remove Device from
Current Account
Tap to delete the device
from your YoLink account

16



App Functions: Alarm Strategy Screen

You can set up notifications in Alarm Strategy settings, make sure you have enabled App, Email, SMS notification from the app->Menu->Settings->Account Settings->Advanced Settings, and verified your email address and added your phone number in the app.

The screenshot shows the 'Alarm Strategy' settings screen. The header is green with a back arrow, the title 'Alarm Strategy', and a help icon (?). Below the header, there are several sections: 'Name' with the value 'Always' and a chevron; 'Related Devices' with the value '1' and a chevron; 'Enable Device Alarm' with a toggle switch that is turned on; 'Do Not Disturb' with a toggle switch that is turned off; 'Send App Notification' with a dropdown menu set to 'Admin'; 'Send Email' with a dropdown menu set to 'None'; 'Send SMS' with a dropdown menu set to 'None'; and 'Trigger Action' with a dropdown menu set to 'None'. At the bottom is a green 'Save' button. Annotations with arrows point to the help icon, the 'Always' value, the '1' value, the 'Enable Device Alarm' toggle, and the 'Do Not Disturb' toggle.

Strategy 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

Tap to Set Up Dnd (Do Not Disturb)



App Functions: Alarm Strategy Screen, Continued

The screenshot shows the 'Alarm Strategy' screen with a teal header. The screen contains several settings sections: 'Name' (Always >), 'Related Devices' (1 >), 'Enable Device Alarm' (toggle on), 'Do Not Disturb' (toggle off), 'Send App Notification' (Admin >), 'Notification Settings' (Will send App Notification to the administrator of this home when device alerts), 'Send Email' (None >), 'Send SMS' (None >), and 'Trigger Action' (None >). A teal 'Save' button is at the bottom. Blue arrows point from text boxes on the right to specific settings: 'Send App Notification' to the 'Admin' dropdown, 'Notification Settings (iOS only)' to the 'Notification Settings' link, 'Send Email' to the 'None' dropdown, 'Send SMS' to the 'None' dropdown, and 'Trigger Action' to the 'None' dropdown.

Send App Notification

Tap to select Admin to enable App push, select All, if desired for all members

Notification Settings (iOS only)

Tap to change notification tone, if desired

Send Email

Tap to select Admin to enable email notification, select All, if desired to send to all members

Send SMS

Tap to select Admin to enable limited text messages, select All, if desired to send to all members

Trigger Action

Tap to choose trigger actions (YoLink sirens, YoLink SpeakerHubs, scene)



App Functions: Smart - Automation

The Smoke & CO Alarm can be set up as a condition in automation.

The screenshot shows the 'Automation' settings screen. At the top is a green header bar with a back arrow, the title 'Automation', and a checkmark icon. Below this is the 'Name' field, currently set to 'co alarm'. The 'When' section shows a condition 'Smoke & CO Alarm' with a 'CO Alarm' sub-condition. The 'Then' section shows a behavior 'Siren Alarm7107' with the action 'Start Alarm'. The 'Working Time' section is set to 'Always Working'. At the bottom is the 'Advanced Settings' section. Annotations with arrows point to various UI elements: the checkmark icon, the 'Name' field, the 'When' section, the '+' icon to add a behavior, the trash icon to delete a behavior, the sort icon, the 'Always Working' option, and the 'Advanced Settings' section.

Tap to save the settings

Edit the name of the automation

Tap to set a condition for the automation

Add behavior
Tap to add a behavior

Delete the behavior

Tap to sort behaviors

Always Working
Tap to set when the automation can be activated

Advanced Settings
Tap to edit advanced automation and logging settings

The Automation settings are saved in the cloud.

You can edit the Advanced Settings, including save the log, retry if action fails, notify if action fails, etc.



Control D2D

YoLink Control-D2D (device-to-device) pairing is a feature unique to YoLink products. One device can be paired to one (or more) devices. When two or more devices are paired, a link is created, “locking-in” the behavior, so that the device(s) will carry out their paired behavior when required, regardless of a connection to the internet or cloud, and even without AC power (in the case of battery-powered or battery backed-up devices). For example, a Door Sensor can be paired to a Siren Alarm, so that when the door is opened, the siren is activated.

Several important points:

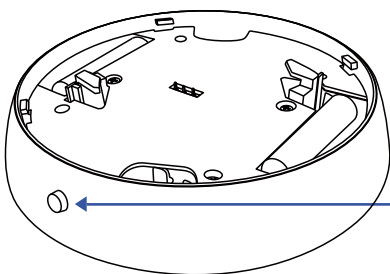
- The use of Control-D2D is entirely optional. It is more common to use the app’s automation and scene settings to create desired behaviors, such as motion sensors turning on the lights automatically. Your application may require functionality during the loss of internet/WiFi, in which case Control-D2D pairing may be preferred.
- A device that controls another device is referred to as a Controller. The device that is controlled is referred to as a Responder.

0 Control D2D, Continued

- While online, any paired behaviors as well as automation and scene settings (desired siren behaviors set in advance by you, such as the door sensor/siren example) will both be carried out. Paired behaviors and app settings can coexist, but use care to not create conflicting actions between the two, as the device may not operate as desired.
- A device can have up to 128 pairings.

The following instructions use pairing your Smoke & CO Alarm with a YoLink Siren as an example, when Smoke & CO detects smoke/CO/high temp, then start siren alarm.

1. To configure your Smoke & CO Alarm as a controller, press and hold the SET button for 5-10 seconds until the LED quickly blinks green, then, release the button.

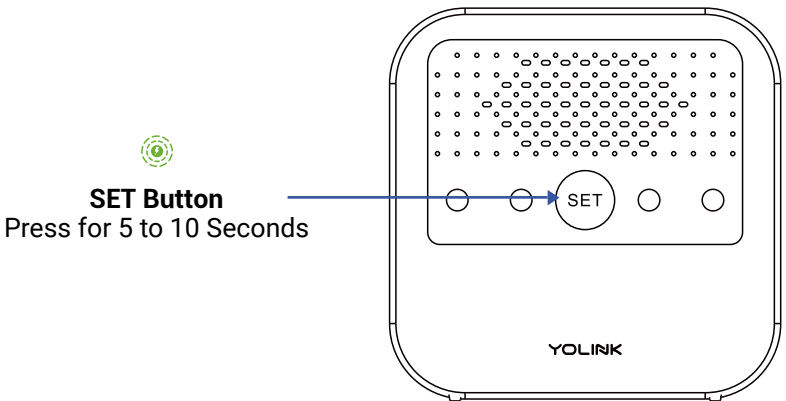


SET Button
Press for 5 to 10 Seconds



Control D2D, Continued

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



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

When Smoke & CO detects smoke/CO/high temp, then start siren alarm.

Unpair your Smoke & CO Alarm:

1. On the Smoke & CO Alarm, press the hold the SET button for 10 to 15 seconds, until the LED quickly blinks red, then release the button.

2. On the Siren, press and hold the SET button for 10 to 15 seconds, until the LED quickly blinks red, then release the button.

O Control D2D, Continued



The LED will flash green prior to the 10 second mark, going into pairing mode, but keep pressing until the LED flashes red. The Controller's pairing is now removed. This Smoke & CO Alarm will no longer control the Siren.

P App & 3rd-Party Services

The YoLink Smoke & CO Alarm works with several voice assistants, such as Alexa, and it works with other automation platforms such as IFTTT and Home Assistant.

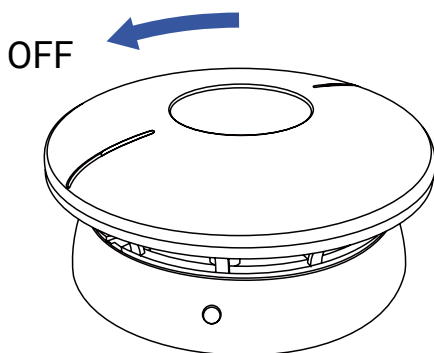
To set up 3rd-party integrations (Alexa and IFTTT), in the app, go to Settings, Third-Party Services, and follow the instructions.

Refer to the Home Assistant website and the YoLink integration page for instructions.

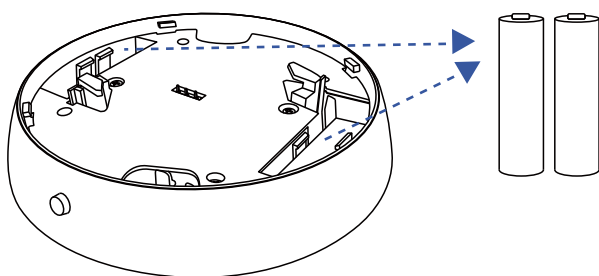
<https://www.home-assistant.io/integrations/yolink/>

Q Battery Replacement

- 1 Remove the head from the base.

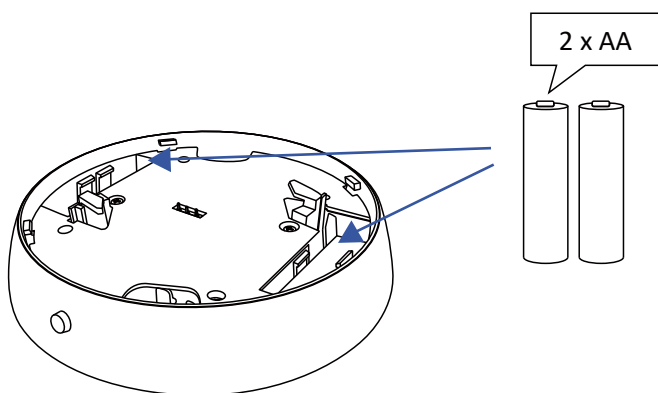


- 2 Remove the old batteries in the base, and then press the SET button several times.

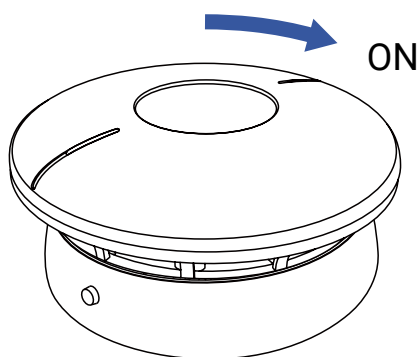


Q Battery Replacement, Continued

- 3 Install two new non-rechargeable AA batteries, and then reconnect the head and base, press the SET button once.



- 4 Using the app, check the online status of the device and verify there is no low-battery indicator.



Do not mix old and new batteries.
The head battery is not replaceable.

Factory Reset

Factory reset will erase device settings and restore it to factory default settings. Doing a factory reset will not remove the device from your account and it will not harm the device, or lose any data or require you to redo your automations, etc.

Instructions:

Hold the SET button down for 20-30 seconds, until the LED blinks red and green alternately. Then, release the button. (Holding the button down longer than 30 seconds will abort the factory reset operation)

Factory reset will be complete when the LED stops blinking.

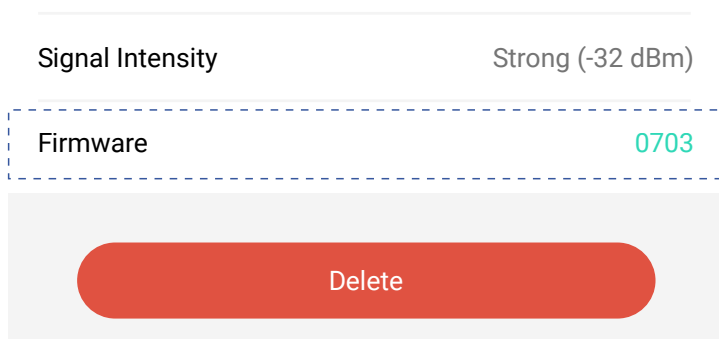


PLEASE NOTE: Only deleting a device from the app will remove it from your account. Factory reset will not delete the device from the app.

S Firmware Update

Your YoLink products are constantly being improved, with new features added. It is periodically necessary to make changes to your device's firmware. For optimal performance of your system, and to give you access to all available features for your devices, these firmware updates should be installed when they become available.

In the Detail screen of each device, at the bottom, you will see the Firmware section, as shown in the image below. A firmware update is available for your device if it says "#### ready now"



Tap in this area to start the update.

The device will update automatically, indicating progress by percentage-complete. You may use your device during the update, as the update is performed "in the background". The LED will slowly blink green during the update, and the update may continue for several minutes beyond the LED turning off.



Specifications

Input Voltage:	3V DC (2 - AA lithium/ Alkaline Non-rechargeable battery)
Smoke & CO Head input voltage:	1 X CR123A lithium battery
Battery Life:	10 years
Device Current Draw:	$\leq 135\text{mA}$ (working), $\leq 5\mu\text{A}$ (standby)
Detection Contents:	Smoke; carbon monoxide; temperature
Temperature Value Accuracy:	1 ($^{\circ}\text{F}/^{\circ}\text{C}$)
Detection Temperature:	$-4^{\circ}\text{F} - 122^{\circ}\text{F}, \pm 3.6^{\circ}\text{F}$ $(-20^{\circ}\text{C} - 50^{\circ}\text{C}, \pm 2^{\circ}\text{C})$
Dimensions, Imperial (L x W x D):	$\Phi 4.80 \times 0.87$ inches
Dimensions, Metric (L x W x D):	$\Phi 122 \times 22$ mm



Specifications, Continued

Environment:

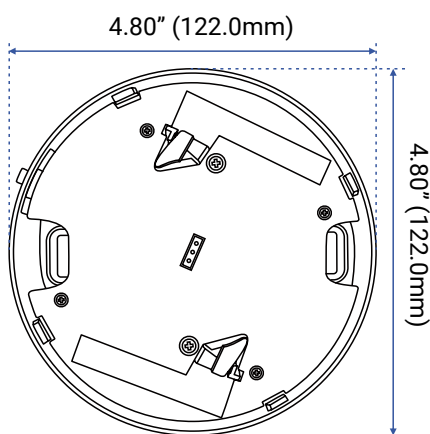
Temperature:

-4°F - 122°F

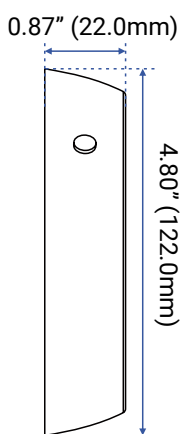
(-20°C - 50°C)

working Humidity:

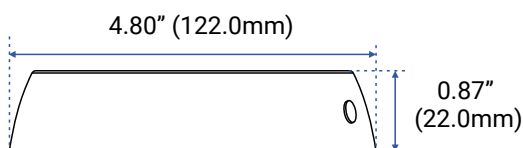
≤ 95% non-condensing



FRONT



SIDE



TOP



Troubleshooting

These troubleshooting suggestions assume the device has been successfully added to the app. If the device is not working correctly and it is not in the app, return to the Add the Smoke & CO Alarm to the App section and double-check or re-do these steps.

A. Device is offline:

- 1) If base is not connected to the cloud, press the SET button on the communication base once.
- 2) If Hub is offline, reconnect the Hub to the Internet and press the SET button on the communication base once.
- 3) If base is out of range with Hub, relocating the base or Hub may be required.
- 4) For a base with low-battery indicators or alerts, please replace the batteries.
- 5) For a head with low-battery indicators or alerts, please reconnect the base and head then press the TEST and SET button to verify again, if issue persists, please contact us via the info on the last page of this guide.



B. The app shows "abnormal" status:

- 1) If the activate button has not been pushed, push the activate button on the smoke & CO head to activate the detector.
- 2) If the activate button has been pushed, re-connect the smoke & CO head and the communication base, make the metal circle and three probes properly connected. Then, long-press the test button to perform a self-test.

C. If a Control-D2D-paired functionality is not working:

- 1) Review and re-do the pairing steps, as needed. You can unpair the devices and re-pair them.

D. Performing a factory reset can clear up some issues. Refer to page 26 for instructions. If the device remains non-operational, it may be defective. **Please contact us for assistance with replacing your YoLink product.**

E. Other issues, please contact us via the info on the last page of this guide.

V Warnings

- Please install, operate and maintain the Smoke & CO Alarm only as outlined in this manual. Improper use may damage the unit and/or void the warranty
- Use only new, name brand, alkaline non-rechargeable AA batteries for the base
- Do not install or use the device outside of the temperature and humidity range listed in the Environmental section in Specifications, on page 28
- This device is not waterproof and is designed and intended only for indoor use. Subjecting this device to outdoor environment conditions such as direct sunlight, extreme hot or cold temperatures, rain, water and/or condensation can damage the device and will void the warranty

Install or use this device only in clean

- environments. Extremely dusty or dirty environments may prevent the proper operation of this device, and will void the warranty

If your Smoke & CO Alarm gets 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

V Warnings, Continued

- Do not install or use this device where it will be subjected to high temperatures and/or open flame
- 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



Warranty

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.

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, and (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: 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.



FCC Statement, Continued

- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

PRODUCT NAME:
SMOKE & CO ALARM

PARTY:
YOSMART, INC.

TELEPHONE:
831-292-4831

MODEL NUMBER:
YS7A01-UC

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

EMAIL:
SERVICE@YOSMART.COM



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

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

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

Thank you for trusting YoLink!

YoLink Customer Support



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