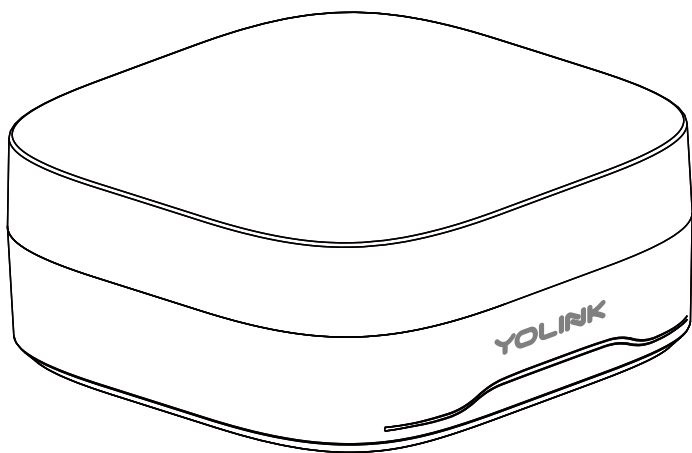




Smart IR Remote

YS4803-UC



Installation & User Guide

Revision Jun. 02, 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 IR Remote support page on our website, resources, information and videos by visiting

<https://www.yosmart.com/support/YS4803-UC>

Or by scanning the QR code:



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

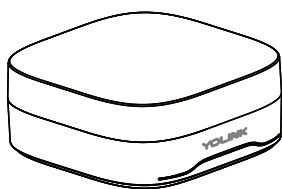


B Before You Begin, Continued

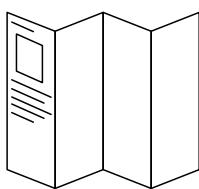


Your IR Remoter connects to the internet via a YoLink hub. and it does not connect directly to your WiFi or local network. In order for remote access to the device from the app, and for full functionality, a hub is required. This guide assumes the YoLink app has been installed on your smartphone, and a YoLink hub is installed and online (or your location, apartment, condo, etcetera, is already served by a YoLink wireless network).

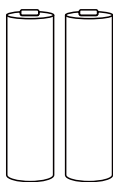
C In the Box



Smart IR Remote

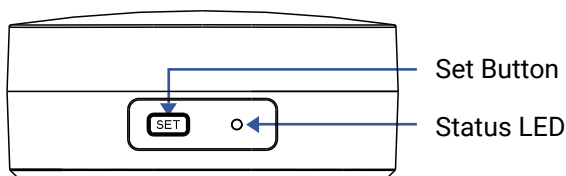


Quick Start Guide



2 x AA Batteries (Installed)

D Get to Know Your IR Remote



LED & Beep Behaviors

- | | | | |
|--|--|---|---|
|  | Blinking Red Once, then Green Once
Device Start-Up |  | Slow Blinking Green
Updating |
|  | Blinking Red And Green Alternately
Restoring to Factory Defaults |  | Fast Blinking Green
Control-D2D Pairing in Progress |
|  | Blinking Green
Connecting to Cloud |  | Fast Blinking Red
Control-D2D Unpairing in Progress |



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.

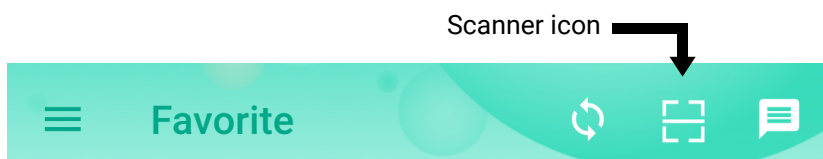
Log in to the app using your new username and password.

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.

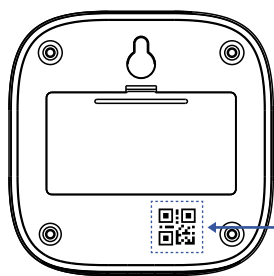


Add Your IR Remote to the App

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.



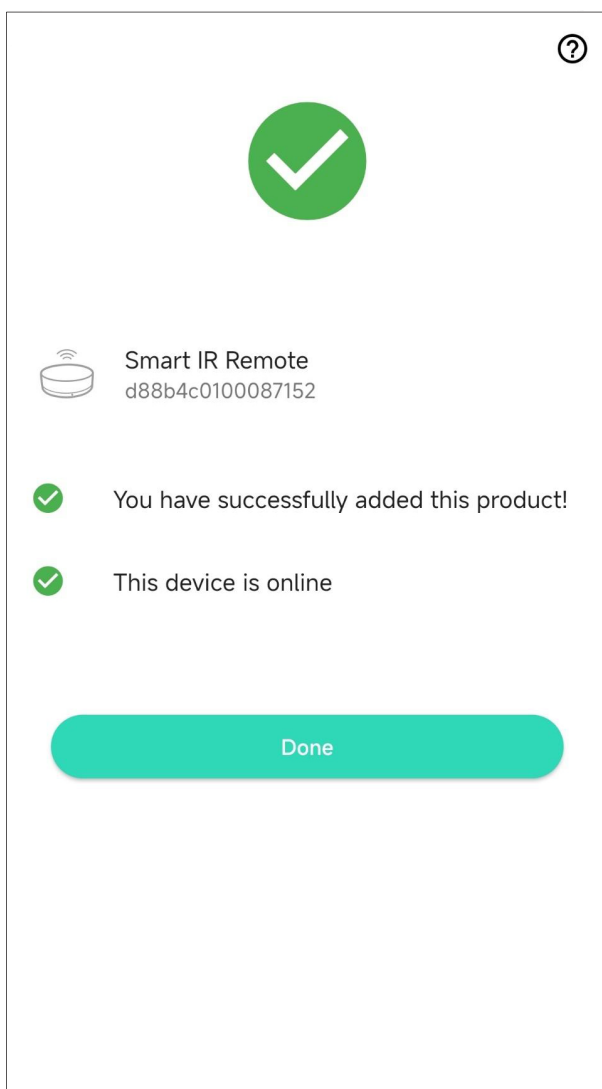
3. Hold the phone over the QR code so that the code appears in the viewfinder. If successful, the **Add Device** screen will be displayed.

F

Add Your IR Remote 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**.





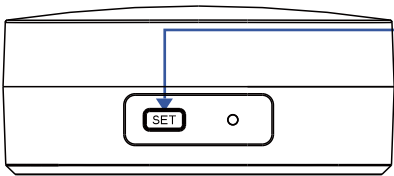
Installation

Place your Smart IR Remote in front of your infrared appliance.

Please keep no objects between the Smart IR Remote and controlled infrared appliance.



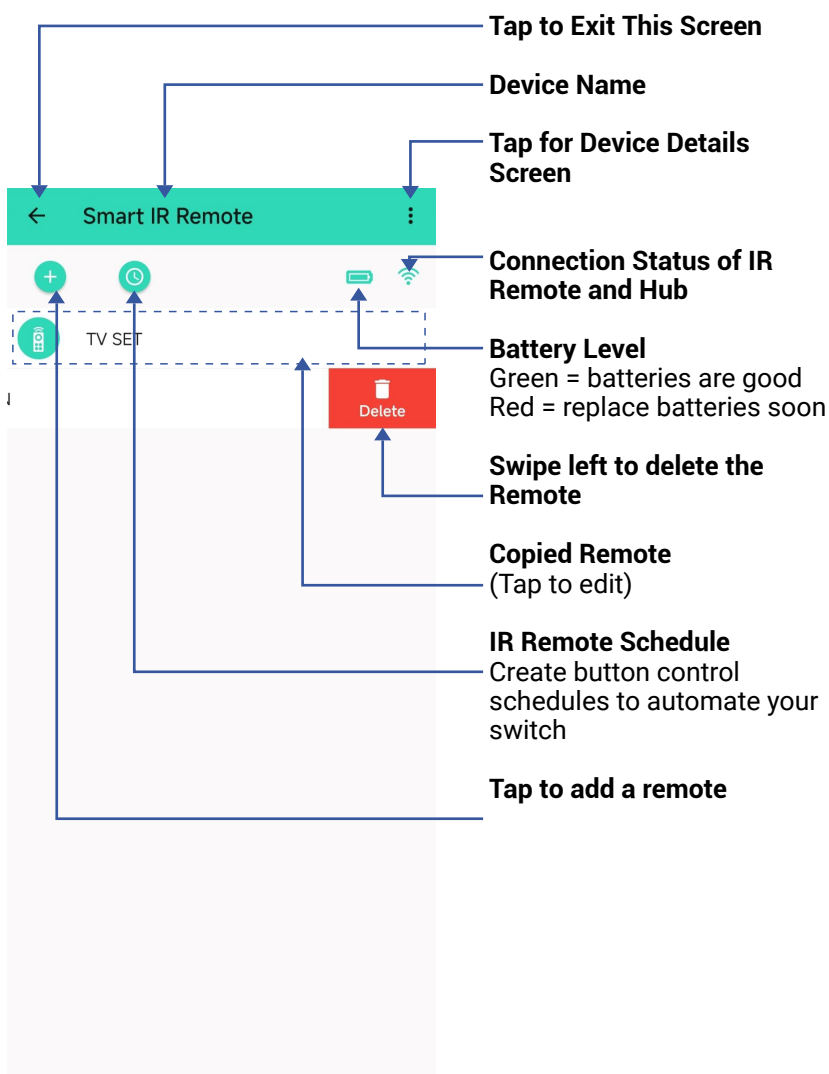
Power Up



Press the SET button briefly, long enough for the LED to illuminate, blinking red then green

I App Functions: Device Screen

In the app, tap on your IR Remote icon. Your IR Remote 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 IR Remote **Details** screen. Your IR Remote's screen should be similar to the one shown below.

Details

Type Smart IR Remote

Name Smart IR Remote >

Room 1.27 >

Favorite Will show in favorite screen

History Get device activity logs >

Other

Model YS4803-UC

Device EUI d88b4c0100087152

SN 3E4C03541B >

Signal Intensity Strong (-15 dBm)

Firmware 030A

Delete

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

Model Number

Device EUI
Unique Identifier Number

Device Serial Number

Signal Intensity
(From YoLink Hub)

Firmware Revision
(Refer to page 19)

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



App Functions: Copy the Remote Button

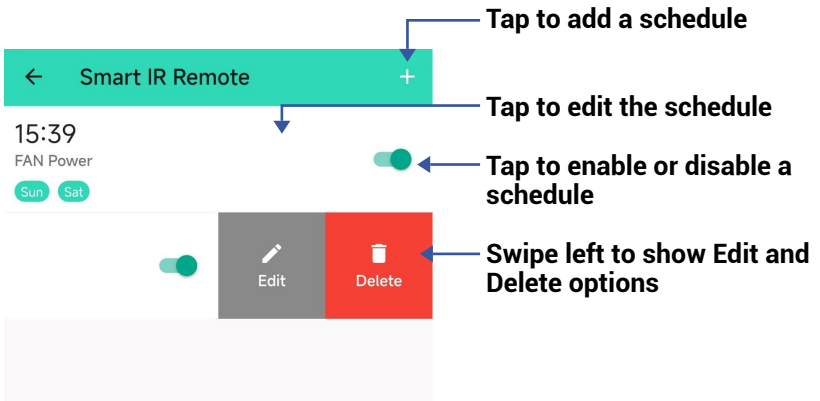
1. On the device screen, tap “+” icon icon to add a remote
2. Select a remote type, tap “√” icon icon in upper right to save
3. Enter a name for the remote, tap “Confirm”
4. Tap “+” icon to add a button
5. Select a button
6. Place it to an empty enough position on the remote panel
7. Tap the button and select “Learn” to copy the button of the remote controller
8. Press the corresponding button on the remote controller



1. Maximum 64 buttons can be copied to one Smart IR Remote.
2. No limit to the number of remote controller added.
3. If you want to add an Air Conditioner remote, each button copied controls a group of actions, including mode, temperature, wind speed, etc.



App Functions: Schedule



You can have a maximum 10 schedules at one time.

The schedule runs on the device (no internet connection required).

You can add more schedules in Automation settings. Automation settings are saved in the cloud.



App Functions: Smart – Scene

The screenshot shows the 'Scene' settings interface. At the top is a teal header with a back arrow, the title 'Scene', a circular arrow icon, and a checkmark icon. Below the header are several sections: 'Name' with the text 'Air Conditioner' and a right arrow; 'Icon' with a square icon containing the number '1' and a right arrow; 'Favorite' with an outlined heart icon; 'Group' with the text 'HomeScene' and a right arrow; and 'Behavior' which contains a list of behaviors. The first behavior is 'Smart IR Remote' with a light blue icon. Below it is a '+' icon, then a 'FAN Power' behavior with a red icon, and finally a '-' icon. Annotations with arrows point to various elements: 'Tap to view the scene history' points to the circular arrow icon; 'Tap to save the settings' points to the checkmark icon; 'Name' points to the 'Air Conditioner' text; 'Tap to edit the scene name' points to the right arrow next to the name; 'Icon' points to the '1' icon; 'Tap to select a scene icon' points to the right arrow next to the icon; 'Favorite' points to the heart icon; 'Tap to make it a favorite scene' points to the heart icon; 'Assign the scene to a scene group' points to the 'HomeScene' text; 'Delete the behavior' points to the '-' icon; 'Add behavior' points to the '+' icon; 'Tap to sort behaviors' points to the list icon; and 'Delete the behavior' also points to the 'FAN Power' text.

Tap to view the scene history

Tap to save the settings

Name
Tap to edit the scene name

Icon
Tap to select a scene icon

Favorite
Tap to make it a favorite scene

Assign the scene to a scene group

Delete the behavior

Add behavior
Tap to add a behavior

Tap to sort behaviors



The Scene settings are saved in the cloud.

If you have two or more alternating scenes, such as "Armed" and "Disarmed" or "Day Mode" and "Night Mode", you can place them into a custom scene Group. As only one scene in a Group can be active, when you activate the Night Mode scene, the Day Mode scene will be indicated as inactive. This is only a visual indicator; in this example, any specific required actions for the Day Mode (such as device actions, etc.) must be accomplished by separate automation settings.



App Functions: Smart - Automation

The IR Remote can be set up as an action in automation.

The screenshot shows the 'Automation' app interface with the following sections and annotations:

- Automation Header:** A green bar with a back arrow, the title 'Automation', and a checkmark icon. An arrow points to the checkmark with the text: **Tap to save the settings**.
- Name:** The text 'high temp turn on the fan' is displayed. An arrow points to it with the text: **Edit the name of the automation**.
- When:** A section for setting conditions. An arrow points to the 'When' header with the text: **Tap to set a condition for the automation**. Below it, a condition is listed: '8003 Temp Humidity Sensor' with the value 'High temperature alert'.
- Then:** A section for adding behaviors. An arrow points to the 'Then' header with the text: **Add behavior** and **Tap to add a behavior**. Below it, a list of behaviors is shown: 'Smart IR Remote' and 'FAN Power'. An arrow points to the 'FAN Power' behavior with the text: **Delete the behavior**. Another arrow points to the '+' icon between the behaviors with the text: **Tap to sort behaviors**.
- Working Time:** A section for setting when the automation can be activated. An arrow points to the 'Always Working' option with the text: **Always Working** and **Tap to set when the automation can be activated**.
- Advanced Settings:** A section for editing advanced automation and logging settings. An arrow points to the 'Advanced Settings' header with the text: **Advanced Settings** and **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.



App & 3rd-Party Services

The YoLink IR Remote works with automation platforms such as IFTTT.

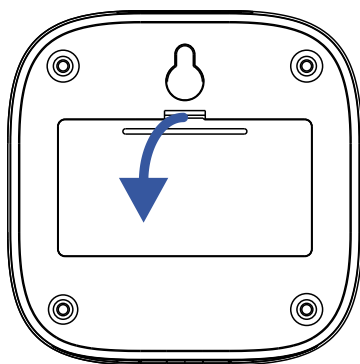
To set up 3rd-party integrations, in the app, go to Settings, Third-Party Services, and follow the instructions.



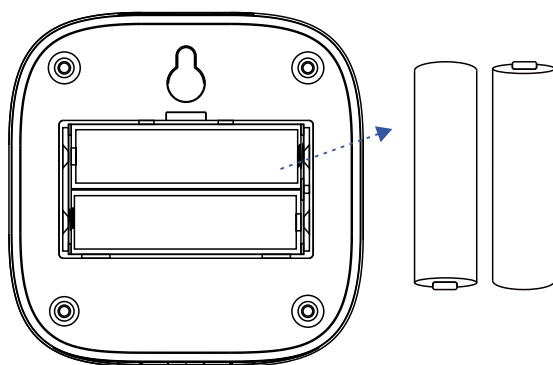
IR Remote can not directly integrate with Alexa due to Alexa's limitations, but you can set up a scene in YoLink App first and then control the scene in Alexa.

P Battery Replacement

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

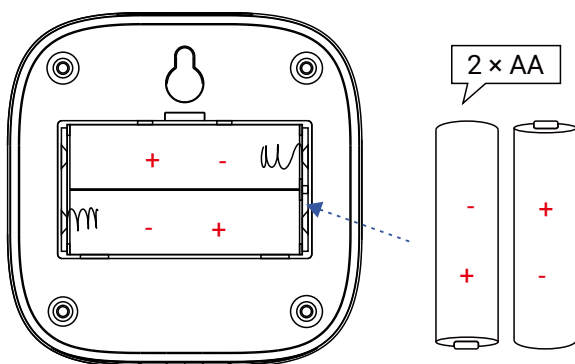


- 2 Remove the old batteries, and then press the SET button several times.

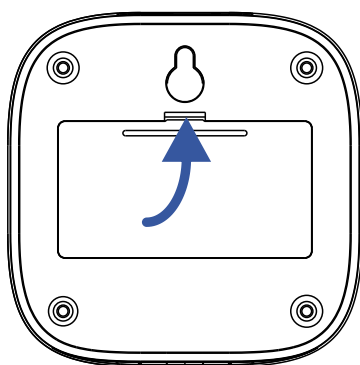


P Battery Replacement, Continued

- 3 Install two new alkaline non-rechargeable AA batteries, and then close the battery cover.



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



Do not mix old and new batteries



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.

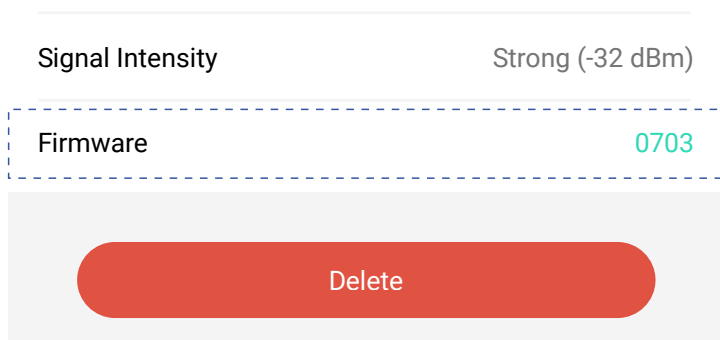


PLEASE NOTE: Only deleting a device from the app will remove it from your account. Factory reset will not delete the device from the app.

R 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.

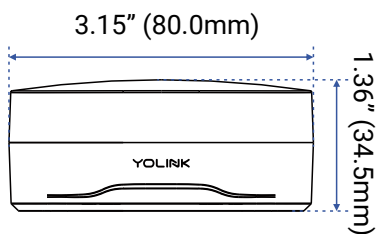


Specifications

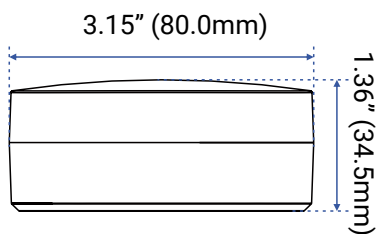
Voltage:	3V DC (2-AA battery)
Infrared Frequency:	38k
Infrard Rmt Disanc:	7~8m
Dimensions, Imperial (L x W x D):	3.15 x 3.15 x 1.36 inches
Dimensions, Metric (L x W x D):	80 × 80 × 34.5 mm
Environment:	Working Temperature: 32°F - 122°F (-10°C - 50°C) Working Humidity: 0% - 80% non-condensing



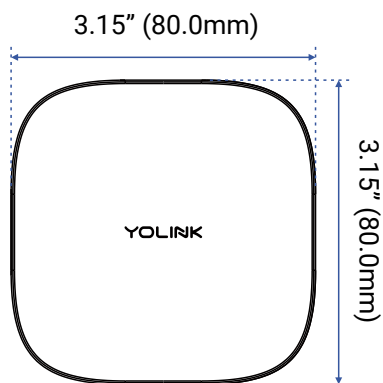
Specifications, Continued



FRONT



SIDE



TOP

T 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 Smart IR Remote to the App section and double-check or re-do these steps.

A. Device is offline:

- 1) Ensure the device is turned on (See Power Up section, if needed).
- 2) Check batteries, verify proper installation.
- 3) Replace the batteries
- 4) If hub is offline, reconnect your hub to the Internet and press the set button of Smart IR Remote once.

B. Press button via App, infrared appliance has no action:

- 1) If button has not copied, copy the button first.
- 2) If there are objects between Smart IR Remote and controlled infrared appliance, re-adjust the Smart IR Remote.

C. Performing a factory reset can clear up some issues. Refer to page 18 for instructions. If the device remains non-operational, it may be defective. Please contact us for assistance with replacing your YoLink product.

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



Warnings

- This device only support 38k series remotes.

Please install, operate and maintain the IR

- Remote 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

Do not use rechargeable batteries



Do not use zinc blend batteries



Do not mix new and old batteries



Do not puncture or damage batteries.

- Leakage can cause harm on skin contact, and is toxic if ingested

Do not dispose of batteries in fire as they

- may explode! Please follow local battery disposal procedures

Do not install or use the device outside of

- the temperature and humidity range listed in the Environmental section in Specifications, on page 20



Warnings

- 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 IR Remote 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

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

To avoid damaging the device, if storing the

- device for an extended period, remove the batteries



Warnings

- 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



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:
IR REMOTE

PARTY:
YOSMART, INC.

TELEPHONE:
831-292-4831

MODEL NUMBER:
YS4803-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

YOLINK

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