

YOLINK

YoLink SpeakerHub

YS1604-UC

Set-up & User Guide

Rev 1.3

July 27, 2022

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This user guide is also available in video format, on our website and YouTube channel. See part N of this guide for more info.

User Guide Conventions

To assure your satisfaction with your purchase, please read this user guide we have prepared just for you.
The following icons are used to convey specific types of information:

 Very important information (can save you time!)

 Good to know info but may not apply to you

 Troubleshooting tips

 Mostly unimportant (it's ok to breeze past it!)

A Thank you!

Thank you for purchasing YoLink products!
Whether you are adding additional hubs to expand your system's range or if this is your first YoLink system, 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!

Eric Vanzo
Customer Experience Manager

B Introduction

YoLink Hubs are the gateway to the internet for your YoLink devices. As opposed to many smart home systems, the individual devices are *not* on your network or WiFI and are not directly connected to the internet. Instead, your devices communicate with the Hub, which connects to the internet, the cloud server and the app.

Your SpeakerHub can only connect to the internet via a **2.4 GHz** band provided by your WiFi network Like most IoT and home automation devices, your SpeakerHub connects only to the 2.4 GHz WiFi band. Nearly all residential WiFi routers have a 5 *and* a 2.4 GHz band. But your router may or may not display SSIDs for *both* bands or they may both have the *same name*. If you know which SSID is your 2.4 GHz band, this is the one your Hub will connect to. With some exceptions, your router and the SpeakerHub will connect automatically via 2.4 GHz. Some routers may attempt to connect your Hub to 5 GHz. Additional support may be needed, for example, changing your router settings.

You can have multiple hubs, including a combination of our original Hub and your new SpeakerHub. While the YoLink wireless network has a ¼ mile open-air range, additional hubs may be required in large buildings, such as high-rises, and/or to support thousands of devices



"5 GHz" should not be confused with "5G" cell phone service



Multi-step authentication networks, such as hotels and airports, are not compatible!

C Before You Begin

Find a suitable place for your SpeakerHub to live. SpeakerHub wants to be indoors, clean and dry.

SpeakerHub is not designed for wall-mounting.

Place your SpeakerHub at a location where you can hear the speaker clearly, at a moderate volume level.

Avoid placing your SpeakerHub inside a cabinet, or on or near metal, magnets, or sources of radio or electromagnetic energy or interference, such as radio transmitters, as well as other WiFi equipment.

Do not place your SpeakerHub on or near sources of heat or intense direct sunlight, such as a space heater.

An outlet will be required for the power adapter for your SpeakerHub. Ensure it can have a dedicated outlet; it will not work if it is unplugged; SpeakerHub does *not* have an internal battery.



You do not need to re-scan your existing devices if you are adding or replacing a Hub



Do not allow your SpeakerHub to get wet … or eat after midnight

D What's in the Box?



Quick Start Guide



SpeakerHub



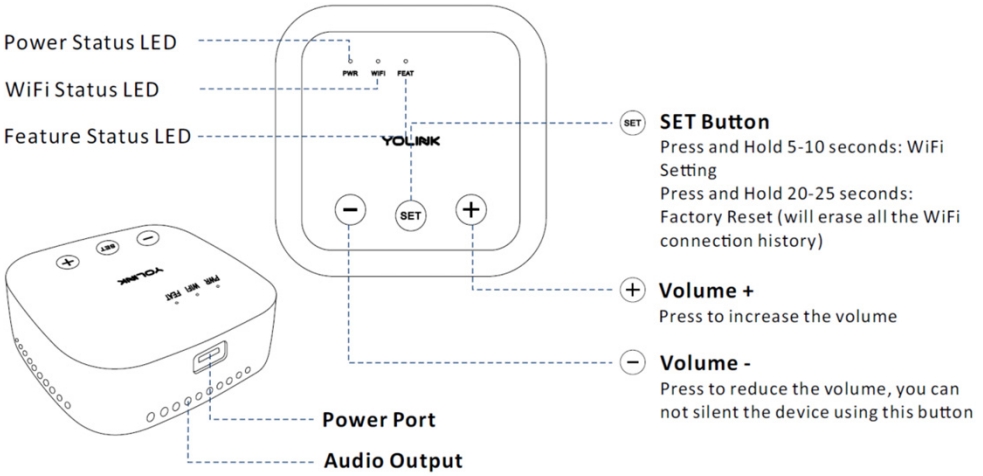
USB Cable
("Micro B")



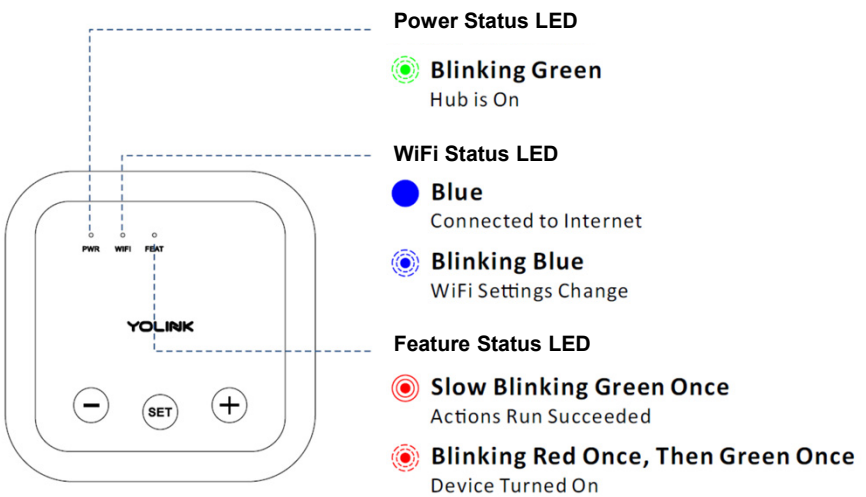
AC Adapter
Power Supply

E Get to Know Your SpeakerHub

Please take a moment to familiarize yourself with your new SpeakerHub, in particular the LED behaviors and SET button functions.



LED Behavior explanations



F Install the YoLink App

1

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

2

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

Available on the App Store

Apple phone/tablet
iOS 9.0 or higher

ANDROID APP ON Google Play

Android phone/tablet
4.4 or higher

3

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.

If you encounter an error message attempting to create an account, disconnect your phone from WiFi, and try again, connected only to the cellular network

Retain your username and password in a secure location

G Open the App

1

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.

2

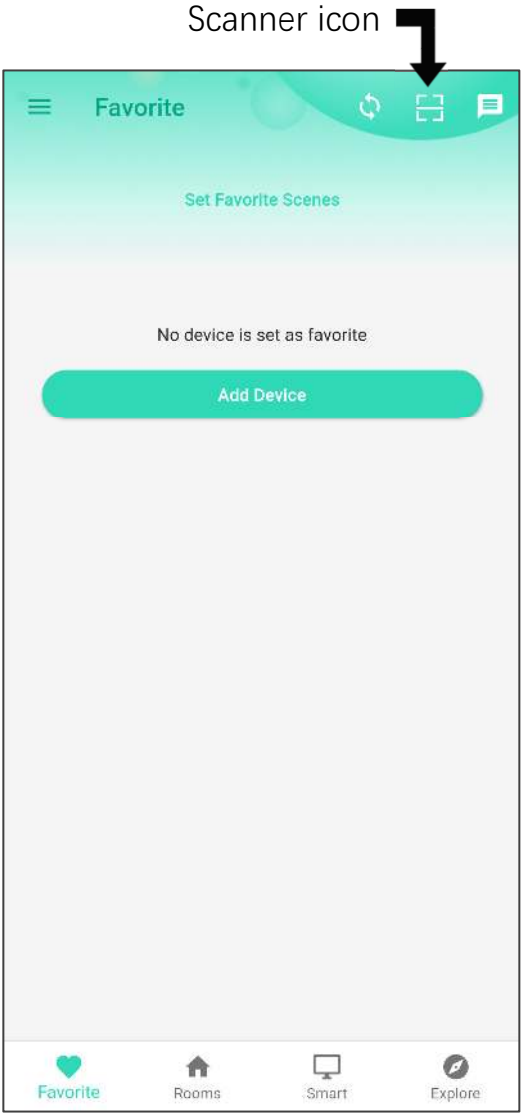
Log in to the app using your new username and password

3

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

4

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



H Add Your SpeakerHub to the App

1

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

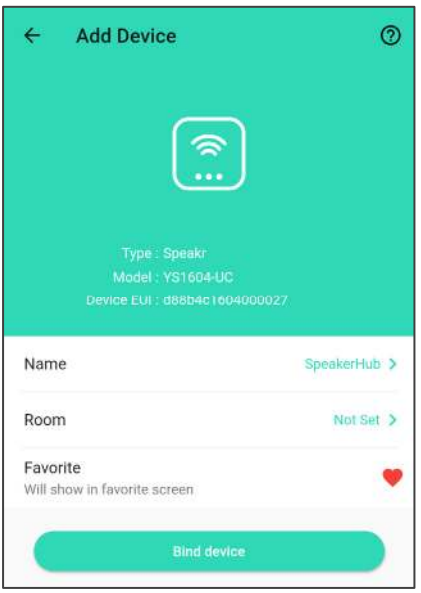


2

Hold the phone over the QR code (on the underside of the hub) so that the code appears in the viewfinder. If successful, the **Add Device** screen will be displayed

If you experience difficulties scanning in a new device, ensure the code is not dirty or smudged, and that the camera has adequate lighting. If you are still unable to scan a device, please make a note of the serial number for our customer support staff. This is the number right below the QR code, a long number preceded by "S/N:"

H Add Your SpeakerHub to the App, Cont.

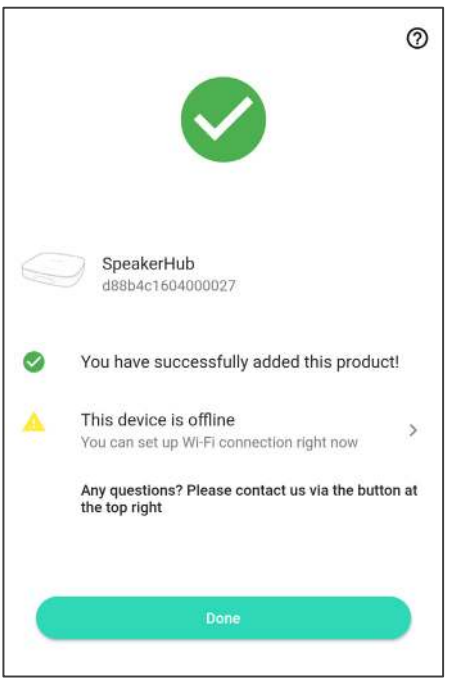


3

You can change the device name and assign it to a room later. Ensure that the Favorite icon is selected as shown (red heart). Tap **Bind device**

4

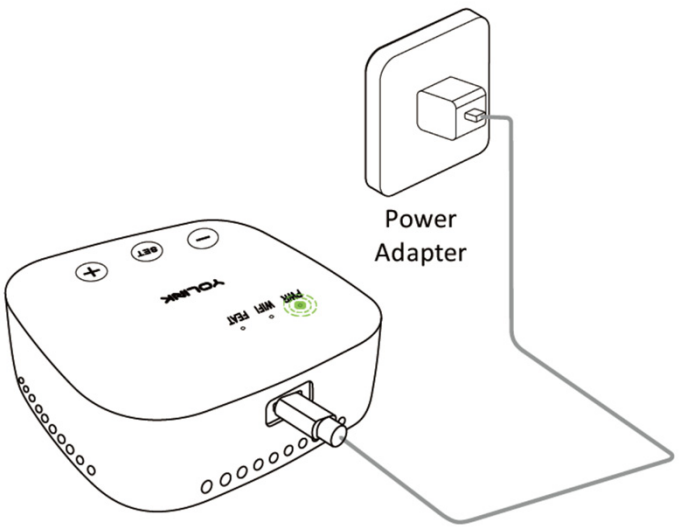
If successful, the screen will appear as shown. Tap **Done** (do not tap "set up WiFi connection" at this time)



I Power up the SpeakerHub

1

Connect the supplied USB cable to the hub and to the power adapter as shown.
Plug in the adapter. Observe the green power (PWR) LED is blinking



J Mobile Device Settings

1

iOS phones only: if prompted, enable Local Network Access. (Search “iOS location services” for more information)

2

If prompted, grant access to your location. Tap **Allow Once.** This is required for the next steps.

To check or edit Location Services on your phone:

iOS:   

Go to Settings, tap Privacy, tap Location Services

Ensure **Location Services** is on/enabled.

Scroll down to and tap the **YoLink** app

Select **While Using the App**

Enable **Precise Location**

Android:  

Go to **Settings**, tap **Location**.

Ensure Location is On.

Tap **App Permissions**. Scroll down to and tap the YoLink app, then set permission to **Allowed Only While in Use**

J Mobile Device Settings, Continued

1

In your phone, open WiFi settings (Settings, WiFi)

2

Identify your 2.4 GHz network, if possible. If there is only one SSID (network ID) you recognize, you will use that one

3

Select the appropriate network and log-in, if needed

4

If your SSID is hidden, you must manually log into it on your phone, by selecting “Other…” in Other Networks or Choose a Network



If you experience difficulties connecting the SpeakerHub to your WiFi, try temporarily disabling or turning off your 5 GHz band. Check for this option in your router’s app, or by using a browser interface. For example, for the Eero router, in the app, go to Settings, Troubleshooting, “My device won’t connect”, then tap “Temporarily pause 5 GHz”



Some routers allow you to “white list” a device based on its **MAC address**. The MAC address for your SpeakerHub can be determined by combining “D88B4C04” with the last four digits of the EUI number. The EUI number can be found in the device settings screen.

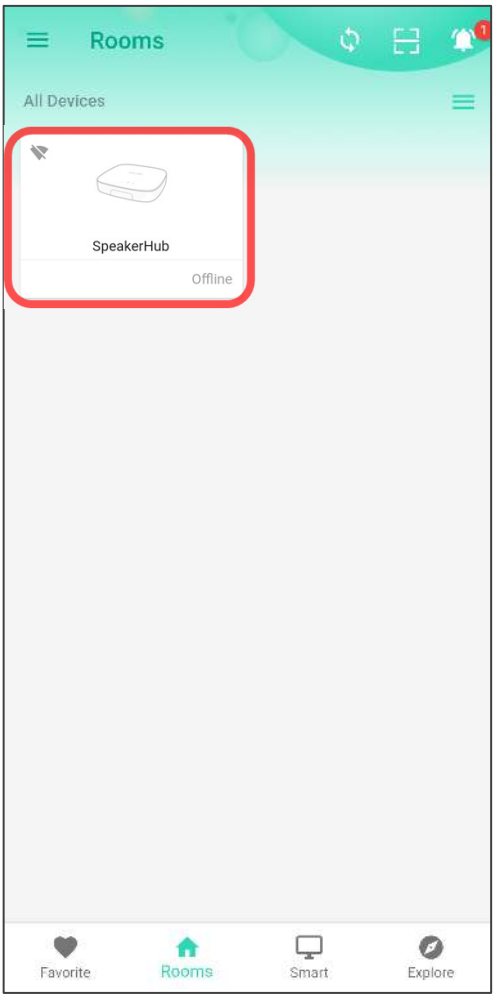
K Connect Hub to WiFi

1

From the Rooms or Favorites screen, tap on the SpeakerHub icon, as shown in the left figure

2

Tap on the WiFi icon as shown on the right figure

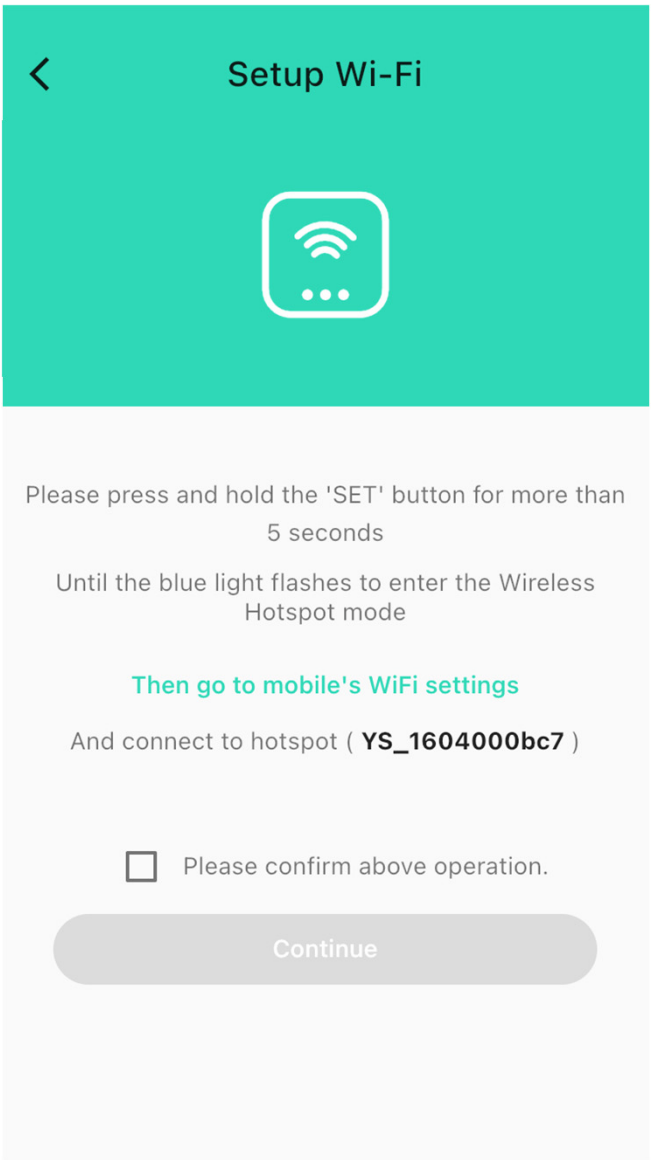




K Connect Hub to WiFi, Continued

3

Please review the instructions on the **Setup Wi-Fi** screen. After pressing the SET button on the SpeakerHub, you will then log into the SpeakerHub's hotspot on your phone. This will need to be done with no delays between steps, otherwise the Hub will exit hotspot mode (in 5 minutes).



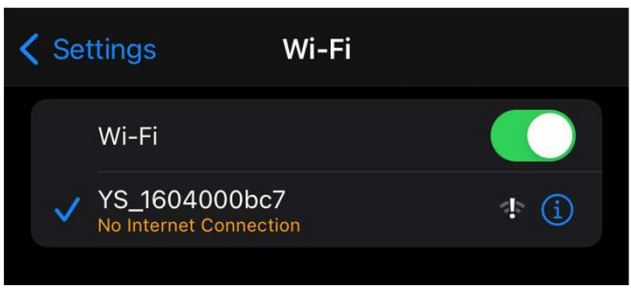
K Connect Hub to WiFi, Continued

4

As directed in the app, press the hub's SET button for ***5*** **seconds** or until the WiFi LED flashes rapidly

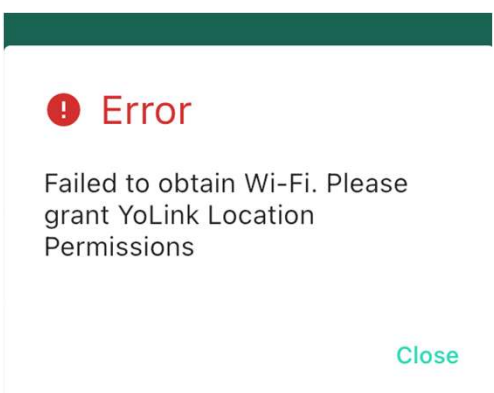
6

Log-in to the SpeakerHub hotspot. It is identified as YS_1604000bc7. Disregard any messages about no internet connection. If requested, approve "Once" or "This Time Only"



7

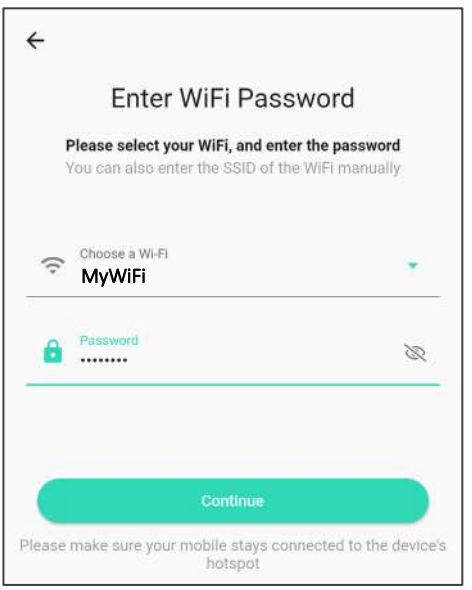
If you get an error message as shown below, or if requested, grant access to your phone's location data, also known as "Location Services"
(As noted in Part J). Tap Allow Once, if applicable.



K Connect Hub to WiFi, Continued

7 If you see a “connect to device timeout” message, tap **Close**

8 Return to the app. Check the “Please confirm the above operation” checkbox. Tap **Continue.** The **Enter WiFi Password** screen appears as shown

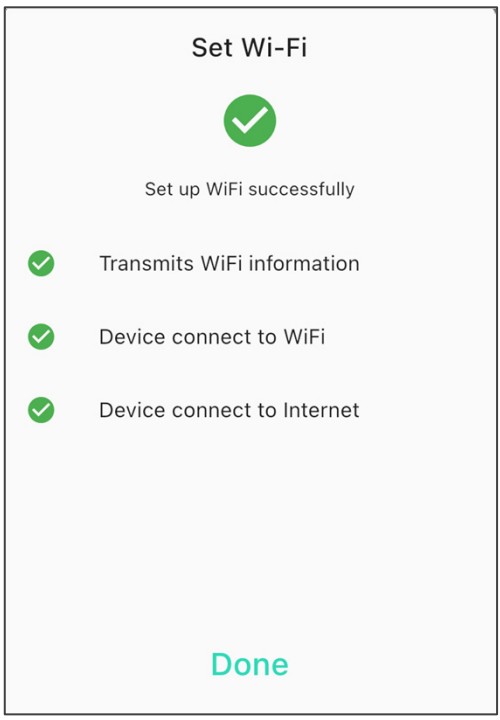


9 In the **Choose a WiFi** box, select or enter your 2.4 GHz SSID (unless it is hidden, it should appear in the list, when you tap in this area). Enter your WiFi password, then tap **Continue**

K Connect Hub to WiFi, Continued

10

The “**Set up WiFi successfully**” message should appear on the screen as shown. Tap **Done**



11

The SpeakerHub’s blue internet status LED should be on, indicating an internet connection is established

12

At first, in the app, your SpeakerHub may appear offline. Tap the Refresh icon or swipe down on the screen to refresh the screen.

13

If your SpeakerHub indicates Online as shown, you can proceed to part L

L The YoLink App

New to the YoLink app? Please visit our SpeakerHub support page, for additional support information and resources for your SpeakerHub, as well as for the YoLink app. Take a look around the SpeakerHub area, then, click YoLink Academy for documents and videos that will explain the features of the app and show you how to change notification settings, and how to set up scenes and automations, etc.

Scan the QR code or click the link to visit our SpeakerHub support page on yosmart.com

https://shop.yosmart.com/pages/speakerhub-product-support

M SpeakerHub Device Settings

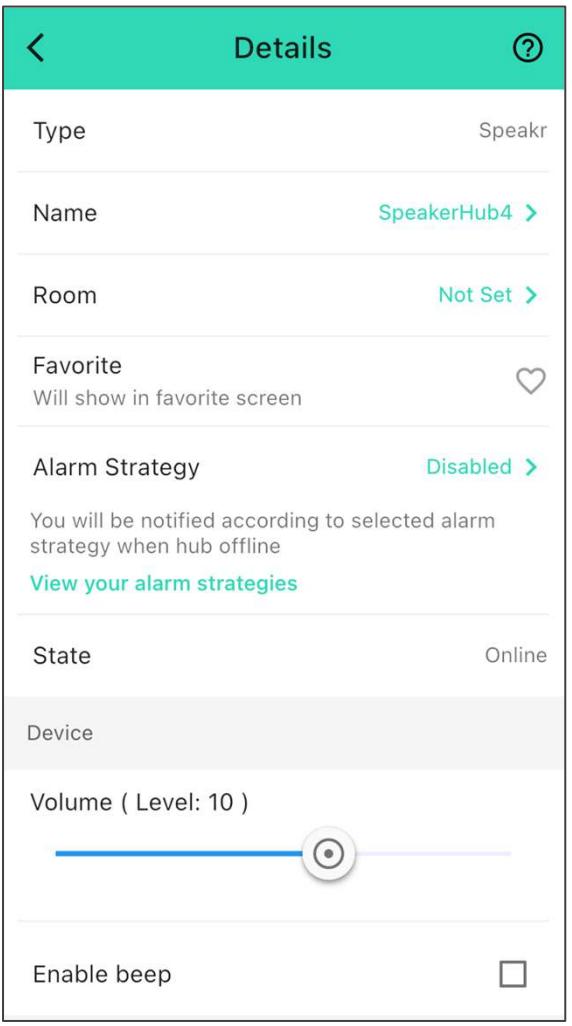
1

From the **Rooms** screen, tap the SpeakerHub icon. Please review the image before tapping the three dots ("more") icon.



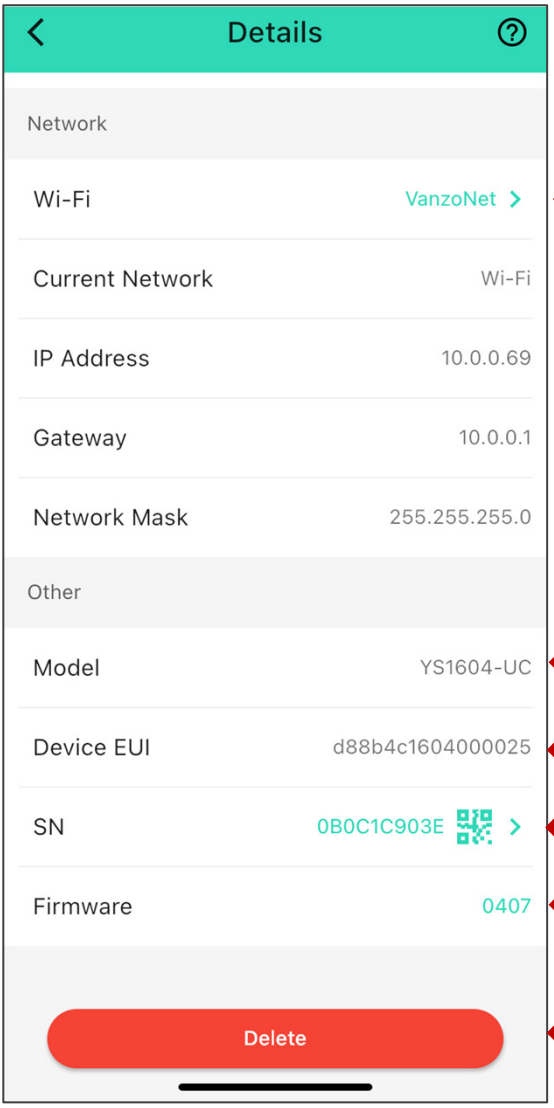
2

Please review the summary of the SpeakerHub device details screen before proceeding to the next step.



- Device type
- Device name
- Device room
- Favorite icon (select to add the device to your Favorites screen)
- Alarm strategy for this device
- Device online/offline state
- Speaker volume level (1 minimum, 16 max.)
- Enable speaker beep (enables feedback beep as well as other device sounds, such as start-up sound)

M SpeakerHub Device Settings, Continued



Your WiFi network name

IP Address info

Device model number

Device EUI (ID) number

Device serial number

Device firmware version (see part P)

Tap to delete the device from your account

M SpeakerHub Device Settings, Continued

Your SpeakerHub can broadcast a message via the following methods:

- Manually, from the device screen
- Automatically per your **Alarm Strategy** settings
- As part of a scene, triggered from a strategy, manually triggered by the user in the app, manually triggered by an **AlarmFob** or **FlexFob** activation
- As part of an automation, triggered by a device changing state or by schedule

The easiest way to start using your SpeakerHub is with it configured as a "trigger action" of an alarm strategy. An alarm strategy is just a fancy name for the checklist of things you want to happen when one of your devices alerts. As an example of an alert, when a leak sensor detects water. And as an example of a checklist: send me a text message and activate the SpeakerHub.

The easiest way to familiarize yourself with SpeakerHub's audio capabilities is to manually broadcast a message directly from the **Device** screen.

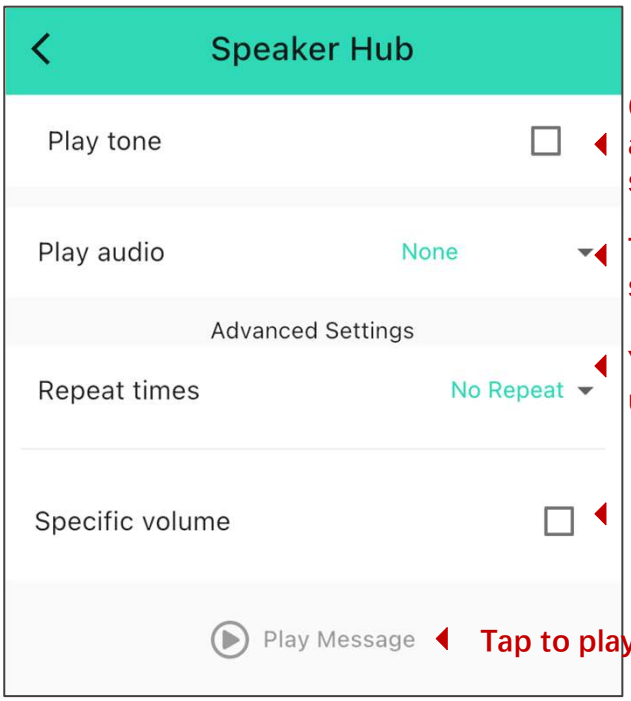


Do not panic if half of these terms are Greek to you. We will get you bilingual soon enough!

M SpeakerHub Device Settings, Continued

Tap the back arrow to return to the main SpeakerHub screen shown in step 1. Tap the “play” icon (triangle)

This screen is used to create a one-time broadcast over the SpeakerHub. It is also good for testing your messages before adding them to a scene or automation.



Check this box if you want a sound played before your spoken message

Tap for the voice message settings

You can repeat the message up to 3 times

Check this box to set a specific volume level

Tap to play your custom message

"Play Tone" include a **Notification Tones** and a **Customer Source** sub-list of tones and sounds. **Customer Source** includes customer-supplied audio files. Audio file uploading is not available at the date of user guide publication (this feature will be added soon).
Additional Customer Source audio files have been factory-installed in the SpeakerHub.

Type your desired spoken message into the Message box. You can test your message by tapping the **Play Message** button. Some words may not be pronounced as desired. Phonetically spelling the word may help.

Here is an example message:

Tone: Customer Source: ARPEGGIO.MP3

Message: "Garage door one is still open"

Messages you configure here are not saved. This is for testing a message or sending a one-time broadcast. Configure custom messages in Scenes or Automation. See our YoLink Academy tutorials for more information!



Do you want to get the most out of your SpeakerHub?

We know you didn't buy a SpeakerHub just because it would look good on your nightstand. You have plans for it, like for it to inform you of a water leak, or of a high temperature alert in the freezer or of motion being detected in the back yard (or all of the above!). Visit the SpeakerHub product support page, as well as the YoLink Academy page, to learn how to configure custom alert messages, and automations, to tailor SpeakerHub to your application and your requirements. See the links on the last page of this manual.

0 Firmware Updates

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 FEAT (feature) indicating light will slowly blink red during the update, and the update may continue for several minutes beyond the light turning off

P Factory Reset

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



Only deleting a device from the app will remove it from your account

Instructions:

Hold the SET button down for 20-25 seconds until the FEAT (feature) LED blinks red. Release the button as soon as it blinks red, as holding the button longer than 25 seconds will **abort** the factory reset operation.

Factory reset will be complete when the status light stops blinking

Q CE Mark Warning

The host manufacturer has the responsibility that the host device should be compliance with all essential requirement of RER. This restriction will be applied in all member states. The simplified UK declaration of conformity referred shall be provided as follows: Hereby, YoSmart Inc. declare that the radio equipment type YoLink SpeakerHub is in compliance with Directive UK Radio Equipment Regulations (SI 2017/1206); UK Electrical Equipment (Safety) Regulation (SI 2016/1101); and UK Electromagnetic Compatibility Regulations (SI 2016/1091).

PRODUCT NAME:	RESPONSIBLE PARTY:	TELEPHONE:
YOLINK SPEAKERHUB	YOSMART, INC.	(949) 825-5958

MODEL NUMBER:	ADDRESS:	EMAIL:
YS1604, YS1604-EA	15375 BARRANCA PKWY SUITE J-107, IRVINE, CA 92618 USA	SERVICE@YOSMART.COM

R 2-Year Limited Electrical Warranty

YoSmart warrants to the original residential user of this product that it will be free from defects in materials and workmanship, under normal use, for 2 years from the date of purchase. User must provide a copy of original purchase receipt. This warranty does not cover abuse or misused products or products used in commercial applications. This warranty does not apply to YoLink devices that have been improperly installed, modified, put to a use other than designed, or subjected to acts of God (such as floods, lightning, earthquakes, etc.). This warranty is limited to repair or replacement of the YoLink 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. Please contact us, to implement this warranty (see Customer Support, below, for contact information)

S Warnings

Power the Hub with the provided adapter, only

The hub is designed and intended for indoor use and is not waterproof. Install indoors, avoiding subjecting the Hub to water or damp conditions

Do not install the hub inside or near metals, ferromagnetism or any other environment which may interface with the signal

Do not install the Hub near flames/fire or expose to high temperatures

Please do not use strong chemicals or cleaning agents to clean the hub. Please use a clean, dry cloth to wipe the hub to avoid dust and other foreign elements entering the Hub and affecting the operation of the Hub

Avoid allowing the hub to be exposed to strong impacts or vibration, which may damage the device, causing malfunctions or failure

T Contact Us / Customer Support

We are here for you, if you ever need any assistance installing, setting up or using a YoLink app or product! Need help or have questions? Please email us 24/7 at service@yosmart.com

For additional SpeakerHub support resources, visit our SpeakerHub support page at:

www.yosmart.com/speakerhub-product-support

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

www.yosmart.com/support-and-service

or scan the QR codes:

Support Home Page

SpeakerHub Support Page

Finally, if you have any feedback or suggestions for us, please email us at feedback@yosmart.com

Thank you for trusting YoLink!

Eric Vanzo
Customer Experience Manager

YOLINK

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