

Hub

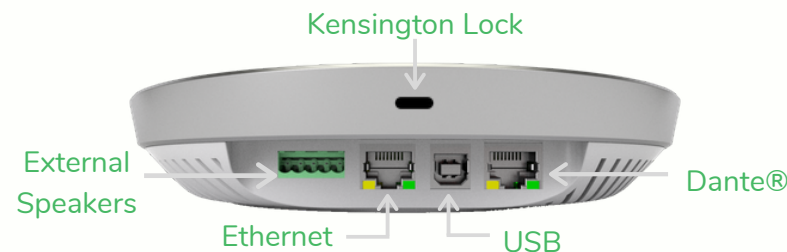
User Manual



model: hub1

Overview

Hub connects multiple Stem products through the network and acts as the central communication center for a room. Hub comes with multiple connectivity options including USB Type B, Dante®, SIP, and external speakers.



Setting Up

Hub is required when using more than one Stem device in a room. Additionally, Hub will never be used as standalone device.

Dante®

This connection provides a single output and input Dante® channel to and from all Stem devices in the room. For this connection, plug one end of an Ethernet cable into the Dante® port on the Hub, and the other end into your Dante® network.

USB

This connection is necessary for video or audio conferencing capabilities. For this connection, use the USB type B cable provided and connect one end into the USB port and the other to your PC.

Ethernet

This connection is mandatory as it will provide the unit with data, power, SIP, and the ability to communicate with other Stem devices. To make this connection, simply plug one end of an Ethernet cable into the Ethernet jack and the other end into a network that supports PoE+.

Note: If your network doesn't support PoE+, you should purchase a separate PoE+ injector or PoE+ enabled switch.

External Speakers

This unamplified connection will be used whenever external speakers / amplification is required. Use the provided male terminal connector to wire your speaker / amplifier cables into the Hub's female terminal block. After connecting external speakers, you must initiate Stem RoomAdapt to ensure speakers perform properly.

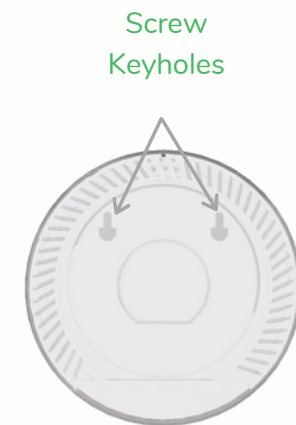
Finish Setting Up

Lastly, we recommend you complete setting up your room via the Stem ecosystem platform. For more information on setting up your room, you can visit stemaudio.com/manuals or stemaudio.com/videos

Note: The ecosystem platform is available on the Stem Control or in iOS, Windows, and Android apps. You can also access the platform through your web browser by typing in the product's IP address.

Mounting

1. Using a level, mark two points on your mounting surface at exactly 2.75 inches apart (7 cm).
2. Place screws in the two marked points via studs or anchors.
Note: Make sure your screws can support up to 5 lbs (2.25 kg)
3. Align the screws with the mounting holes on the Hub and lightly push in and down to lock the device in place.



4. That's it! Your Hub is now mounted!

Product Specs

Connectors

- USB: USB Type B
- Ethernet: RJ45 connector (requires PoE+)
- Dante®: RJ45 connector
- External speakers: Female Terminal Block

Specs

- Frequency response: 50Hz – 16KHz
- Broadcast level (peak): 90dB SPL @ 1Khz from 1m (5 watts RMS)
- Noise cancellation: > 15dB (without pumping noise)
- Weight: 0.5 lbs. (0.23 kg)
- Dimensions: Diameter: 7 in. (17.8cm) Height: 1.5 in. (3.8 cm)
- Power Consumption: PoE+ 802.3 at Type 2
- Operating Systems: Windows 98 and up / Linux / MacOS.

Complies with:

- AS/NZS CISPR 32:2015
- EN 55032:2012/AC:2013
- VCCI 32-1
- FCC 15.109:2019
- FCC 15.109(g):2019
- ICES-003:2016 updated April 2017



Warranty

The following warranty statement is effective for all Stem Audio products as of May 1st, 2019. Stem Audio warrants that this product is free of defects in both materials and workmanship. Should any part of this product be defective, the Manufacturer agrees, at its option, to repair or replace with a like-new replacement any defective part(s) free of charge (except transportation charges) for a period of two years for all products. This warranty period begins on the date the end-user is invoiced for the product, provided the end-user provides proof of purchase that the product is still within the warranty period and returns the product within the warranty period to Stem Audio or an authorized Stem Audio dealer according to the Product Return and Repair Policy listed below. All inbound shipping costs are the responsibility of the end-user, Stem Audio will be responsible for all outbound shipping costs.

Product Return and Repair Policy

1. Return to seller if purchased through an authorized dealer Proof of purchase date from reseller within the warranty period must be provided by the end-user Seller may, at its discretion, provide an immediate exchange or repair or may return the unit to the manufacturer for repair
2. Return to Manufacturer
 - a. An RMA (return merchandise authorization) number must be obtained by the end user from Stem Audio
 - b. The end-user must return the product to Stem Audio with proof of purchase (showing purchase date) for a warranty claim, and display the RMA number on the outside of the shipping package.

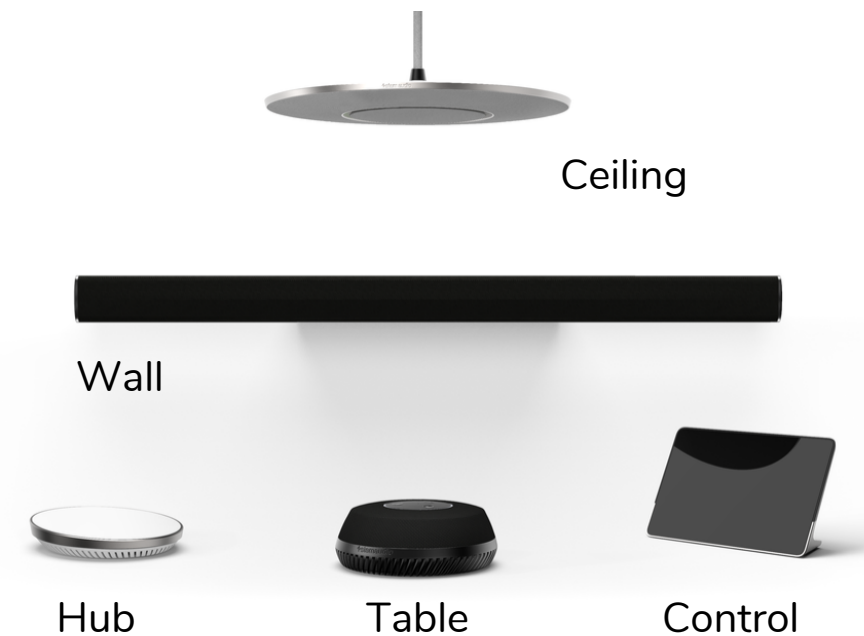
THIS WARRANTY IS VOID IF:

The product has been damaged by negligence, accident, act of God, or mishandling, or has not been operated in accordance with the procedures described in the operating and technical instructions; or; The product has been altered or repaired by other than the manufacturer or an authorized service representative of the Manufacturer; or; Adaptations or accessories other than those manufactured or provided by the Manufacturer have been made or attached to the product which, in the determination of the Manufacturer, shall have affected the performance, safety or reliability of the product; or; The product's original serial number has been modified or removed.

NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE, APPLIES TO THE PRODUCT. MANUFACTURER'S MAXIMUM LIABILITY HEREUNDER SHALL BE THE AMOUNT PAID BY THE END USER FOR THE PRODUCT.

The manufacturer shall not be liable for punitive, consequential, or incidental damages, expenses, or loss of revenue or property, inconvenience, or interruption in operation experienced by the end-user due to a malfunction in the purchased product. No warranty service performed on any product shall extend the applicable warranty period. This warranty extends only to the original end-user and is not assignable or transferable. This warranty is governed by the laws of the State of California. For more information or technical support please refer to our website www.stemaudio.com, email us at customerservice@stemaudio.com, or call (949) 877-7836.

The Ecosystem



Need Some Help?

Website: stemaudio.com

Email: customerservice@stemaudio.com

Telephone: (949) 877-STEM (7836)

Product Quickstart Guides:

stemaudio.com/manuals

Product Setup Videos:

stemaudio.com/videos

