Overview
Optimized for tabletops and flat surfaces, the Stem Table is a high-quality conference speakerphone that turns any environment into a professional conference room. Equipped with nine microphones that perform real beamforming and an innovative downward-facing speaker for amplified performance, Table takes the quality of your meetings to the next level.

Setting Up
All Stem endpoints can be used as solo standalone devices or in uni or with other devices within the Stem ecosystem. If you are installing this device as an individual unit, follow the standalone setup instructions. If you are installing multiple Stem devices in your room, then skip ahead to the multiple device setup instructions.

1. Place the device in the desired location in the room.
2. Using an Ethernet cable, connect the device to a network that supports PoE+. This connection provides the device with power, data, and other IoT and SIP capabilities.

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

3. If you need video conferencing capabilities, use the USB type B cable provided and connect the device to your PC.

5. 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.

That's it! Table is all set up to work as a standalone device.

Multidevice Setup (option 2)
1. Place the device in the desired location in the room.
2. Using an Ethernet cable, connect the device to a network that supports PoE+. This connection provides the device with power, data, and other IoT and SIP capabilities.

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

3. When setting up multiple Stem devices in a room, make sure you have a Hub. All communications between the device and the far-end will be done through the Hub, so no USB connection is needed.

4. You must 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.

5. That's it! Table is all set up to work within the Stem ecosystem.

Using Table
The Directional Array
During a call, Table uses proprietary beamforming technology to locate the voice source and to steer an array towards it. This allows Table to focus on the speaker in the room and cancel out all other noise. The beamforming process is dynamic as it adjusts the direction of the array when the source of sound changes or moves. In a call, when a voice is detected in the room, one or multiple blue lights located in the light ring will indicate which direction Table’s audio beam is focusing on. This is the direction that will be heard best by the far- end of the call (the person you are talking to).

Volume Control
Change the speaker volume by using + to increase, or - to decrease the volume.

Mute
To mute Table’s microphones during a call, press the mute button located on the top of the device. When muted, the light ring on the device will slowly pulse red.

To unmute, just press again.

Table
User Manual

Standalone Setup (option 1)

Overview
All Stem endpoints can be used as solo standalone devices or in uni or with other devices within the Stem ecosystem. If you are installing this device as an individual unit, follow the standalone setup instructions. If you are installing multiple Stem devices in your room, then skip ahead to the multiple device setup instructions.

1. Place the device in the desired location in the room.
2. Using an Ethernet cable, connect the device to a network that supports PoE+. This connection provides the device with power, data, and other IoT and SIP capabilities.

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

3. If you need video conferencing capabilities, use the USB type B cable provided and connect the device to your PC.

5. 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.

That's it! Table is all set up to work as a standalone device.

Model: Table 1
Light Ring Guide

Directional blue light
Partial blue ring shifting
turning off clockwise
Full blue ring
circulating counterclockwise
Single blue light
Solid red ring
(approx. two seconds)
Rapid red pulsing
Slow red pulsing

Light Ring Activity
pickup in progress
testing the environment
Device is adapting &
Device is restarting
Device is booting up
Device error
Device is being pinged
Device is muted

Product Specs
Connectors
USB-C Type B
Ethernet: RJ45 connector (requires PoE+)
USB: USB Type B

Specs
Frequency response 50Hz – 16KHz
Power consumption
Input Power: 12V DC, 1.2A
Output Power: 12V DC, 1.5A
Power consumption: 9W
Speakers: 4 watts (RMS) per channel
Microphones: 9

Dimensions: Diameter: 7.75 in. (19.7 cm) Height: 3 in. (7.6 cm)
Weight: 2.5 lbs. (1.1 kg)

Description:
Automatic voice-level adjustment (AGC)
Beamforming algorithm (forms and directs audio beams towards a defined direction)
Direction-finding algorithm (determines the presence and direction of a speaker)
Each microphone is equipped with a noise-canceling microphone (with rejection levels of 30dB)
Directional microphone algorithms tune in and direct audio towards a defined direction

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Acoustic echo cancellation: > 40dB with conversion speed of 40dB/sec
High-end performance conforms to ITU-T G.167
100% full duplex – no attenuation (in either direction) during full duplex
Noise cancellation: > 15dB (without pumping noise)

Warranty
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 product any defective part(s) free of charge (except transportation charges) for a period of two years from the date of sale. This warranty is effective for all Stem Audio products as of May 1st, 2019. Stem Audio reserves the right to examine any product(s) returned hereunder of warranty claim. This product will be returned to the end-user owner of record at the Manufacturer’s expense, after confirmation of defect by the Manufacturer. The Manufacturer will require the end-user to provide proof of purchase in order to determine if the product is still within the warranty period. This warranty is non-assignable or transferable. This warranty is governed by the laws of the State of California.

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 product any defective part(s) free of charge (except transportation charges) for a period of two years from the date of sale. This warranty is effective for all Stem Audio products as of May 1st, 2019. Stem Audio reserves the right to examine any product(s) returned hereunder of warranty claim. This product will be returned to the end-user owner of record at the Manufacturer’s expense, after confirmation of defect by the Manufacturer. The Manufacturer will require the end-user to provide proof of purchase in order to determine if the product is still within the warranty period. This warranty is non-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.

Need Some Help?
Website: stemaudio.com
Email: customerservice@stemaudio.com
Phone: (949) 877-STEM (7836)
Product Setup Videos: stemaudio.com/manuals
Product Setup Videos: stemaudio.com/videos