



Before installing anything, if you plan to use Wi-Fi for your data connection to the speaker, we recommend you make sure you have adequate Wi-Fi coverage in the specific location you are installing the speaker, use your mobile device to test for this.

All models include a 3 button / NFC control pad and a multi-color indicator light located on the backside of the unit is provided for manual control, pairing, and reset. As well as seismic and safety attachment points and a T-bar tile support rail.

POWER & DATA CONNECTION

Once you choose the placement of your speaker, we recommend powering up and testing the speaker before finalizing your installation and safety lines. Connect the speaker to power and data, depending on the model you chose this will vary:

CC1-T: Electric junction box is provided for connection to 100-240v always-on power source. And a standard 10/100 ethernet connection is provided for Data. This unit can also use Wi-Fi.

*Consult with a licensed electrician or qualified professional for proper installation and wiring.

CC1-T-PoE: This model does not have an Electric junction box, instead the 10/100 ethernet connection is PoE+ (power over ethernet) capable. This is the sole source of power for this model, and the power PoE source must be PoE+ or higher compatible. Data may be obtained via Ethernet jack or Wi-Fi.

*Refer to your network installation professional or network device documentation for more information and capabilities of your network equipment.

SPEAKER SPACING CONSIDERATIONS

To help figure out how many tile speakers would be right for your space here is the recommended Horizontal Spacing for a given Height. As a general guide if the speaker is 12' from floor to face of the speaker, you should consider placing the next speaker about 12' away. Your results may differ depending on room specific factors such as acoustics, furniture, partitions, finish materials, etc. you should test and adjust accordingly.

Ideally bringing your speakers closer together will give you better volume control, more even coverage, and the ability to actually operate each speaker at a lower volume... while maintaining a higher overall output and sound quality.

SPEAKER INSTALLATION

Your tile speaker is designed to drop directly into a standard 2x2' grid opening, in a standard drop-ceiling grid. We provide a 24" tile bar if your ceiling grid is 2x4'. You will need to cut your 2x4' tile to the required 2x2' size, and then install the provided T-Bar between the tile and tile speaker to complete the installation.

We recommend using the provided Eye Hook and seismic attachment safety points, you can obtain grid hanger wire and or Gripple safety hook/wire on our website (sold separately). Please refer to local code or consult a professional before attaching any safety lines to any other structures.

FCC REGULATION

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.

TYPE E1922 Wireless Speaker - FCC ID FHO-E1922

RF EXPOSURE INFORMATION

According to RF exposure regulations, under normal operations the end user shall refrain from being closer than 20 cm from the device.

Operating Frequency and Radio output power:

2412-2472 – 11.4 dBm/MHz EIRP

5180-5240 – 10 dBm/MHz EIRP

5260-5320 – 7 dBm/MHz EIRP

5500-5700 – 14 dBm/MHz EIRP

OTHER INFORMATION

- Ethernet - 10/100
- Wi-Fi - 802.11AC
- PoE+ (if equipped) - 802.3at (25w draw)
- Electrical (if equipped) - 100-240v AC 50/60hz - 1A
- Conforms to Plenum-Rated and Listed to UL Standard 1480

OTHER SAFETY INFORMATION

This device is designed to meet minimum standards for use in Plenum spaces, however additional steps may need to be taken to fully meet specific local codes or requirements in your jurisdiction, additional equipment may be required, such as electrical wiring connectors, rated wiring, or fire-rated back covers all sold separately.

USAGE AND CARE

The speaker is intended for indoor/protected use, and is not waterproof, does not submerge or subject to sustained jets of water such as sprinklers or direct rain. The speaker is protected from humidity exposure.

- The speaker can be operated safely with the average temperature of 32-104 degrees F.
- Never install in a confined space, block vents, or limit ventilation.
- Do not expose the CC1 to excessive heat sources or direct flame.
- Wireless connectivity can be affected by different building materials, you may need to experiment with placement for best connection to your wireless devices.
- Do not stick fingers or objects into vents or attempt to remove vents or speakers parts to repair, this will expose you to a risk of electric shock. There are no user serviceable parts inside.
- Never use abrasive cleaners or chemical solvents as this may damage the shell.
- Do wipe the speaker with a soft damp cloth as needed, manually clear debris from vents and grill on a regular basis.

SUPPORT

For CC1 speaker device, installation, or initial setup support please contact Terrapin via our website at www.terrapinshells.com. For questions regarding anything Sonos app or other Sonos component related questions or issues please refer to the Sonos website help section.

WARRANTY

The Terrapin CC1-T is warranted against manufacturing defects please refer to the Terrapin website for our warranty coverage details and terms.

DISCLAIMER

Terrapin shall not be liable for improper use, installation, etc and must be held harmless for any damage, injury, undesired operational effects that may occur from not following installation and/or safety information provided with this product. Use common sense when installing or using this product, it is your responsibility to consult with necessary professionals to ensure this product is installed and operates properly, specifically in regards to your local codes and regulations.

SONOS DETAILED SETUP INSTRUCTIONS

IMPORTANT Setup your CC1 product as outlined below. Verify the speaker connects to your system and works before complete final installation and securement.

We recommend wired network setup for optimal performance as building conditions and the plenum rated enclosure may limit Wi-Fi range.

Note: you should stay close to the device in case the App requests you to hold your phone near the speaker or requires you to press multiple buttons on the unit to complete registration. These setup and registration procedures may vary and are randomly requested by the Sonos app, we have no control over which action you will be requested to perform. The App will refer to CC1 products as a SYMFONISK speaker, and may reference a different image for the product, this is normal.


Begin Here

- Connect your Sonos compatible CC1 product to power and wait for the LED to start flashing and then go solid. It may take up to 5 minutes before your speaker is ready to be setup or added to your existing system, even if the light has gone solid.
- [Download the Sonos app for iOS or Android](#). The app will guide you through the set up process.
- This product requires the use of the Sonos S2 app. You can find out which products require or work with S2 in the [S2 compatibility article](#) on Sonos website.

Set up a new Sonos system with your SYMFONISK Terrapin Tile Speaker

1. Open the Sonos app for iOS or Android.
2. Tap **Set up a new system**, then create or sign in to your Sonos account.
3. Tap **Add** on the popup in the Sonos app showing your Symfonisk speaker product.
4. Follow the steps in the app to set up your CC1 (Known as SYMFONISK in the Sonos app) speaker and add your music services.

Add SYMFONISK Terrapin Tile Speaker to your existing Sonos system

1. Open the Sonos app for iOS or Android.
2. From the  **Settings** tab, tap **System > Add Product** OR Look for the pop-up indicating the new speaker has already been discovered, select the appropriate unit and continue.
3. Follow the steps in the app to connect the CC1 (Known as SYMFONISK in the Sonos app) speaker to your Sonos system.

REGISTERING PRODUCT NOTICE

You may be asked to place your phone near the speaker so it can hear a special tone or to connect via bluetooth or Wi-Fi direct. In any case, have your phone near the front face of the speaker for this to work. And you must allow your Sonos app to use your device's microphone if prompted. Some mobile devices may not be compatible. In this case the app may ask you to TAP your phone, the TAP point is in the Control Pad on the back of the speaker (this has the NFC logo on it).

In the event these options fail the Sonos app may request a PIN during setup, you will find this on a sticker on the back of your speaker, it is unique to each speaker and is not known or obtainable by anyone else. Please refer to the unique MAC/Serial number on each speaker to make sure you are working with the correct unit during the setup process, the app will display the matching number so you can confirm before continuing.

Setup Troubleshooting

If the Sonos app is not finding your new speaker, but you can see the rest of your system. Try connecting the speaker to a hardwired network connection for setup and initial update. You can disconnect the network cable after the speaker is added and working, and it will switch to wifi. If the problem persists we recommend trying using a different phone or tablet to complete the setup.

If you continue to experience problems - perform a Factory Reset on the unit by unplugging the power cord, then press & hold the PLAY button while plugging the unit back into power. Continue to hold the PLAY button



CC1 1x2 DROP-TILE SONOS SPEAKER
CC1-T-AC-** / CC1-T-POE-**

until the indicator light flashes Orange/White. Release button and wait till indicator light flashes Green. The speaker is now ready to be set up again. Refer to your Sonos app to repeat the setup procedure.