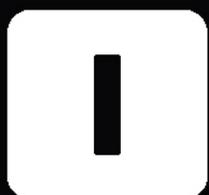


SONOS

Sub

Product Guide



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Sonos Sub

The Sonos Sub takes your audio experience to the next level when you add this wireless subwoofer to an existing Sonos room.

- Instantly adds a dimension of deep bass impact to your audio listening experience.
- Allows placement anywhere because it's wireless and compact—position it vertically or horizontally on any floor surface.

Note: The Sonos Sub is designed for use with any amplified Sonos speaker, such as the Playbase. It is not designed for use with unamplified Sonos speakers, such as the Connect™ and ZP80. Make sure you set up at least one amplifier Sonos speaker before adding the Sub.



New to Sonos?

Download the app from the app store on your mobile device. Open the app and we'll guide you through setup. If you're using a computer, get the app at www.sonos.com/support/downloads.

For the latest system requirements and compatible audio formats, go to <http://faq.sonos.com/specs>.

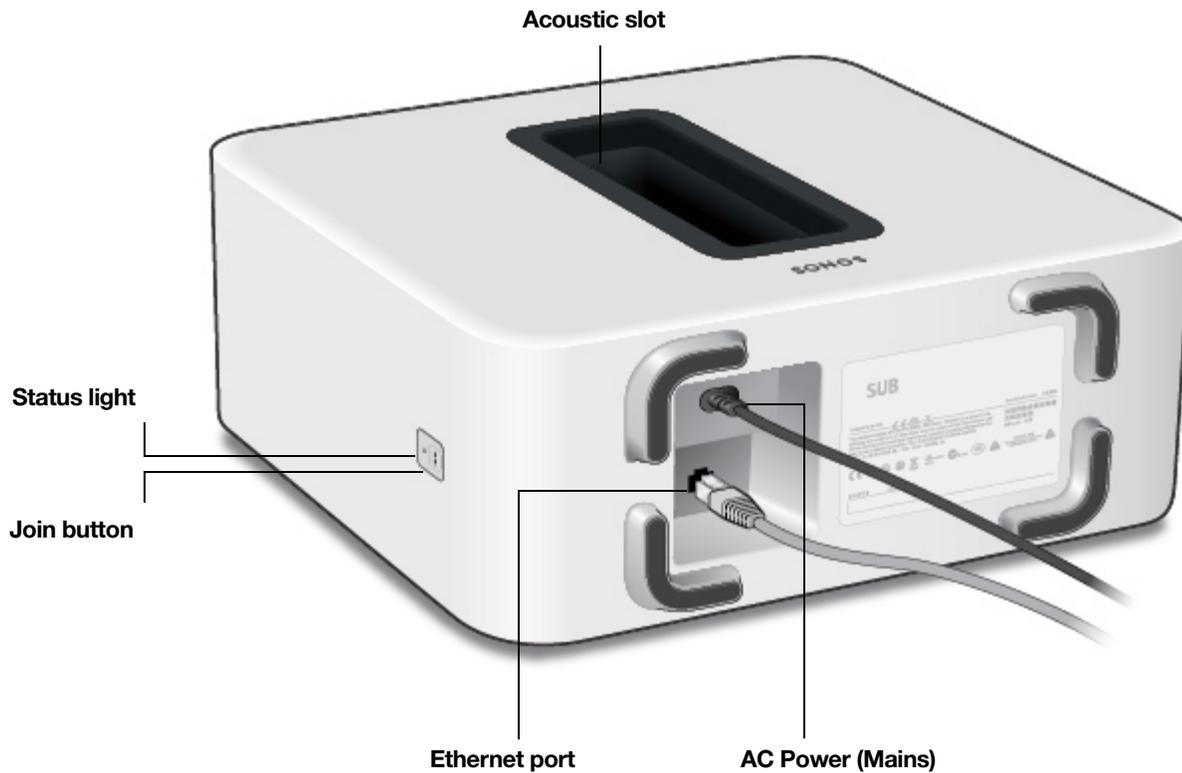
Already have Sonos?

You can easily add new speakers anytime (up to 32).

Just plug in the speaker, open the app and tap **...** > **Settings** > **Add a Player or Sub**.

If you're using a computer, go to **Manage** > **Add a Player or Sub**.

Explore the Sub



Acoustic slot

The top of the acoustic slot doubles as a handle so you can lift it. Sub placement: Make sure at least one side of the slot is free from obstruction. If you place it vertically against a wall, do not block the front opening. If you place the Sub horizontally on the floor, don't put anything on top of it.

Controls and lights

Join button	Press Join to connect the Sub with your Sonos system.
Status light	Indicates the status. For more information, see http://faq.sonos.com/led .

Connector panel

Join button	Press the Join button to associate the Sub with your Sonos Wireless HiFi System.
Ethernet port	Use an Ethernet cable to connect the Sub to your home network.
AC power (mains) input	Use only the supplied power cord to connect to a power outlet (using a third party power cord will void your warranty). Be sure to use the proper power adapter for your country. <i>Push the power cord firmly into the Sub until it is flush with the surface.</i>



Adding the Sub to Sonos

You can easily add the Sonos Sub to an existing Sonos system.

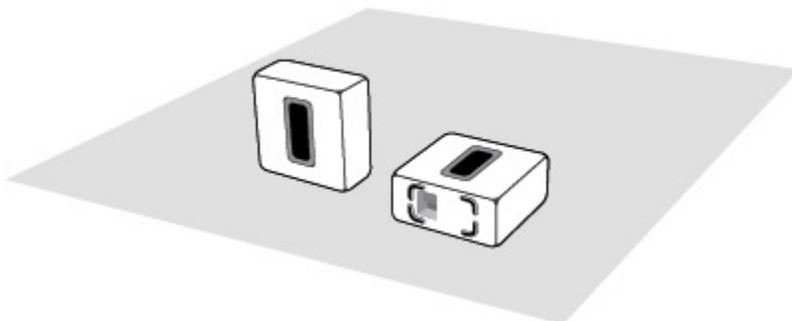
- You can pair the Sub with any amplified Sonos speaker, such as the Play:5. You cannot associate it with an un-amplified Sonos speaker such as the Connect or ZP80.
- The Sub is compatible with Sonos software versions 3.8 and later. **Be sure to check for software updates before adding the Sub to Sonos.**

1. Carefully unpack the package contents

Caution: Subwoofers are heavy. Exercise caution when unpacking your Sonos Sub. Use the acoustic slot as a handle to lift the Sub out of the box. (You should always bend your knees when lifting heavy objects to avoid undue stress on your back.)

2. Choose a location for the Sub. It is designed to provide optimal sound wherever you place it.

- You can position the Sub either vertically or horizontally. If you are going to use the Sub horizontally on a smooth floor, you can attach the 4 permanent felt feet (included with your Sub) to each of the corners. See [Attaching the feet for horizontal placement](#) for more information.



Make sure at least one side of the rectangular opening (acoustic slot) is unobstructed.

- If you place the Sub vertically flush against a wall, do not block the front acoustic slot.
- If you place the Sub horizontally on the floor, don't put anything on top of it. Leave at least 1" clearance along the top of the Sub if placing under furniture.

- The Sub is designed to be located on the floor. You can place it in a corner, against the wall, behind, under, or next to any piece of furniture on any kind of floor surface.

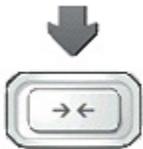
Note: The Sub contains strong magnets. Don't place the Sub near equipment that is sensitive to magnetic fields.

3. Attach the power adapter and plug in the Sub. *Be sure to push the power cord firmly into the Sub until it is flush with the surface.*



4. Choose one of the following options:

- Using the Sonos app on a mobile device: Select **...** > **Settings** > **Add a Player or Sub**.
- Using the Sonos app on a Mac or PC: Select **Add a Player or Sub** from the **Manage** menu.



Press and release the **Join** button on the side of the Sub. The indicator flashes green and white while the Sub is connecting.

To optimize your Sub's performance, during the setup process you will be prompted to make some choices—

- If you are joining a Connect:Amp or ZP100, select the size of your stereo speakers (Compact, Bookshelf/Ceiling or Floor.)
- Press Play  to compare the volume of two test sounds, A and B, and then select **No Difference**, **A is louder** or **B is louder**.
- Press Play  to listen to a test sound, and then select the best level for the Sub.

You may be prompted to update the Sub after you add it to Sonos.

Note: After the Sub is associated with a Sonos speaker, you will not see it displayed separately in **Rooms**. Any changes you make to that Sonos speaker (volume, mute, music selection) will also affect the Sub.

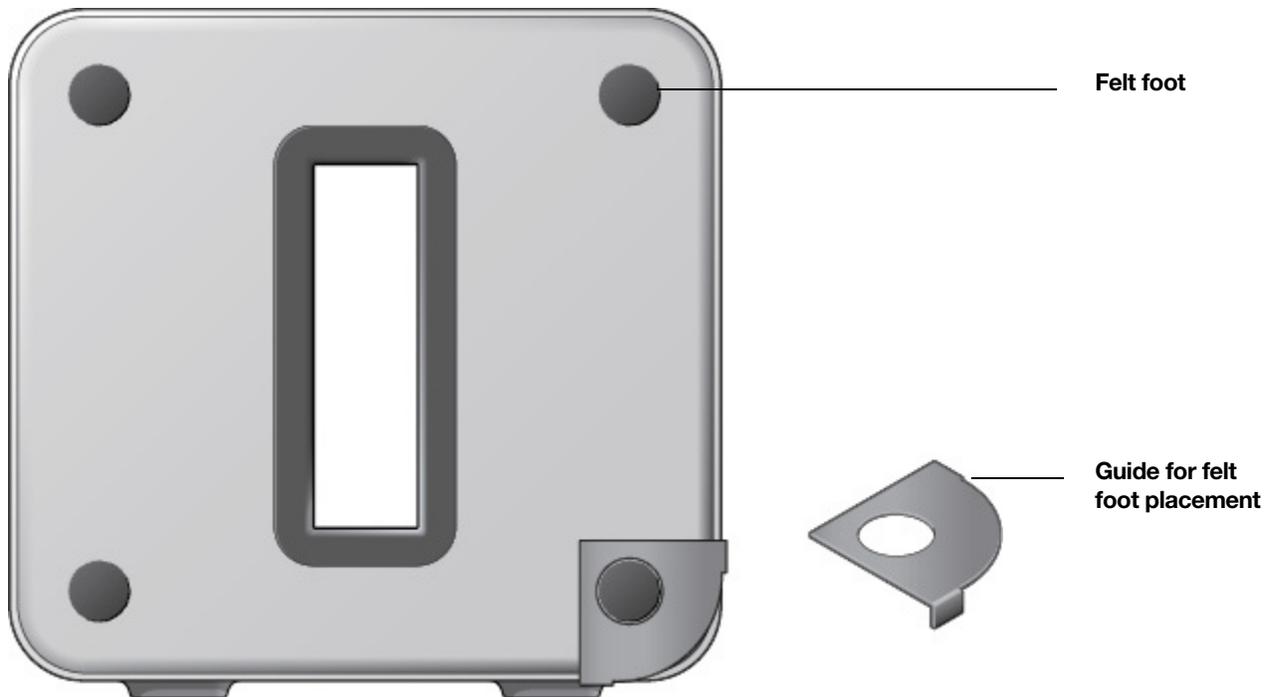
Attaching the feet for horizontal placement

If you are going to use your Sub placed horizontally on a smooth floor, the Sonos Sub includes four (4) permanent felt feet you can attach to the corners of the unit. If you are laying the Sub down on a rug or using it vertically, there's no need to adhere the felt feet.

Note: The felt feet are not adjustable—a strong adhesive will keep them permanently attached to the Sub once you apply them.

The Sonos logo appears on the front of the Sub—you will adhere the felt feet to the opposite side of the unit.

1. Lay the Sub down on a rug or on top of the Sub's felt packing bag so the Sonos logo is facing down and is not visible.
2. Place the enclosed guide on one corner of the unit and fold the flaps over the edge.



3. Peel the backing off one of the feet.
4. Press the felt foot (sticky side down) onto the unit inside the circular portion of the guide.
5. Repeat this process for the other three (3) corners.

Sub settings

The Sub's settings are determined during the initial setup process. If you wish to make changes, follow the steps below to adjust how the Sub works with the associated Sonos product or stereo pair.

Changing Sub settings

Using the Sonos app on a mobile device

1. Select **☰ > Settings > Room Settings**.
2. Select the room that is associated with the Sonos Sub. It appears as *Room (+Sub)* in **Room Settings**.
3. Select **Advanced Audio > Sub Settings**.
4. Choose one of the following options:
 - **Sub:** Choose **On** or **Off** to turn the sound from the Sub on and off.
 - **Sub Level:** Use the slider to increase or decrease the volume of the Sub. (You can use this setting to match the subwoofer level to the level of your main speakers.)
 - **Placement Adjustment** (phase): Select **On** or **Off**.

- **Speaker Size Adjustment (Crossover):** This setting only appears when the Sub is associated with a Connect:Amp: Amp or ZonePlayer 100. *You may wish to choose a different setting from the list if:*
 - the main speakers sound distorted at high volumes—moving to a smaller speaker size setting can help.
 - your attention is drawn to the Sub's location while listening to music—moving to a larger speaker size setting can help.

1	Compact	110 Hz
2		
3		
4	Bookshelf / Ceiling	80 Hz
5		
6	Floor	60 Hz
7		

Using the Sonos app on a Mac or PC

1. Select **Manage > Settings** (PC) or **Sonos > Preferences** (Mac).
2. Select **Room Settings**.
3. Select the room that is associated with the Sonos Sub. It appears as *Room (+Sub)* in **Room Settings**.
4. Select the **Sub** tab.
5. Choose one of the following options:
 - **Sub:** Check to turn the sound from the Sub on; uncheck to turn it off.
 - **Sub Level:** Use the slider to increase or decrease the volume of the Sub. (You can use this setting to match the subwoofer level to the level of your main speakers.)
 - **Placement Adjustment** (phase): Check or uncheck the box to adjust the phase.
 - **Speaker Size Adjustment (Crossover):** This setting only appears when the Sub is associated with a Connect, Connect:Amp or ZonePlayer 100. *You may wish to choose a different setting from the drop-down list if:*
 - the main speakers sound distorted at high volumes—moving to a smaller speaker size setting can help.

- your attention is drawn to the Sub's location while listening to music—moving to a larger speaker size setting can help.

1	Compact	110 Hz
2		100 Hz
3		90 Hz
4	Bookshelf / Ceiling	80 Hz
5		70 Hz
6	Floor	60 Hz
7		50 Hz

Recalibrating the Sub

After initial setup, you may wish to make some adjustments to optimize your Sub's performance. If you move the Sub to another location, purchase new speakers, or simply want to adjust the sound, follow the steps below to recalibrate the Sub.

Using the Sonos app for Android

1. Select **...** > **Settings** > **Room Settings**.
2. Select the room that is associated with the Sonos Sub. It appears as *Room (+Sub)* in **Room Settings**.
3. Select **Advanced Audio** > **Recalibrate Sub**.
4. Follow the prompts to optimize your Sub's performance:
 - Select the size of your stereo speakers (Connect:Amp or ZP100 only).
 - Press Play  to compare the volume of two test sounds, A and B, and then select **No Difference, A is louder** or **B is louder**.
 - Press Play  to listen to a test sound, and then select the level you prefer.

Using the Sonos app on a Mac or PC

1. Select **Manage** > **Settings** (PC) or **Sonos** > **Preferences** (Mac).
2. Select **Room Settings**.
3. Select the room that is associated with the Sonos Sub. It appears as *Room (+Sub)* in **Room Settings**.
4. Select the **Basic** tab, and then select **Recalibrate Sub**.
5. Follow the prompts to optimize your Sub's performance:
 - Select the size of your stereo speakers (Connect:Amp or ZP100 only).
 - Press Play  to compare the volume of two test sounds, A and B, and then select **No Difference, A is louder** or **B is louder**.
 - Press Play  to listen to a test sound, and then select the level you prefer.

Changing the Sub's room association

You can easily associate the Sub with a different Sonos speaker (Connect:Amp, Play:1, Play:3, Play:5, Playbar, or ZP100).

If you are moving the Sub to a new room, first unplug the Sub, locate it on the floor in another room, and then plug it back in. The status light on the side of the Sub will begin to flash. Once it lights solid again, you are ready to proceed.

Using the Sonos app on a mobile device

1. Select **☰ > Settings > Room Settings**.
2. Select the room that is currently associated with the Sonos Sub. It appears as *Room (+Sub)* in **Room Settings**.
3. Select **Remove Sub**.
4. Choose one of the following settings:
 - If you want to associate the Sub with a different Sonos speaker, select **Choose Room for Sub** and then select another room.
 - If you are not going to use the Sub right now, select **Don't use Sub**. It will appear on **Rooms** as *Sub (unused)* until you select it and associate it with another Sonos speaker.

Using the Sonos app on a Mac or PC

1. Select **Manage > Settings** (PC) or **Sonos > Preferences** (Mac).
2. Select **Room Settings**.
3. Select the room that is associated with the Sonos Sub. It appears as *Room (+Sub)* in **Room Settings**.
4. From the **Basic** tab, select **Remove Sub**.
5. Choose one of the following settings:
 - If you want to associate the Sub with a different Sonos speaker, select **Choose Room for Sub** and then select another room.
 - If you are not going to use the Sub right now, select **Don't use Sub**. It will appear in **Rooms** as *Sub (unused)* until you select it and associate it with another Sonos speaker.

Got a new router?

If you purchase a new router or change your internet service provider (ISP), you'll need to restart your Sonos products after the router is installed.

Note: If you keep a Sonos product connected to your router and an ISP technician connects it to the new router, then you'll only need to restart your other Sonos products.

1. After the router is set up, disconnect the power cords from your Sonos products for at least 5 seconds.
2. Reconnect all the power cords—if you keep a Sonos product connected to your router, start with that one. The speaker status light turns solid white on each product when the restart is complete.
If you don't have a Sonos product connected to your router, you'll need to change your network password in the Sonos app.

Change your network password

If you change your network password (and you don't have a Sonos product connected to your router), you'll need to update the password in the Sonos app.

1. Connect a Sonos speaker to your router with an Ethernet cable.
2. Choose an option:
 - On a mobile device, go to **...** > **Settings** > **Advanced Settings** > **Wireless Setup**.
 - On a PC, go to **Manage** > **Settings** > **Advanced**. On the **General** tab, select **Wireless Setup**.
 - On a Mac, go to **Sonos** > **Preferences** > **Advanced**. On the **General** tab, select **Wireless Setup**.
3. Enter the new network password.

Once the password is accepted you can unplug the speaker from the router and move it back to its original location.

Important safety information

Warning: Under no circumstances should the product be repaired by anyone other than an authorized Sonos repair center, as this will invalidate the warranty. Please contact Sonos Customer Support for more information. Do not open the system as there is a risk of electric shock.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry soft cloth. Household cleaners or solvents can damage the finish on your Sonos products.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
9. Protect the power cable from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Refer all servicing to Sonos qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cable or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
13. The Mains plug should be readily available to disconnect the equipment.



14. Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

15. Do not expose apparatus to dripping or splashing and do not place objects filled with liquids, such as vases, on the apparatus.

Caution: Do not sit or stand on the Sub. It could tip over resulting in personal injury.

Specifications

Feature	Description
Audio	
Amplifier	Two Class-D digital amplifiers
Speakers	Two force-cancelling speakers positioned face-to-face for deeper, richer sound and zero cabinet buzz or rattle.
Dual Acoustic Ports	Tuned to enhance the Sub performance.
Frequency Response	Plays down to 25 Hz.
All Digital Sound	All filter settings, active equalization, and time alignment are done digitally through state-of-the-art DSP (Digital Signal Processing) circuitry for zero-loss audio quality and energy.
Automatic Equalization	The system automatically adjusts audio settings across all connected components.
Networking	
Ethernet Port	One 10/100Mbps Ethernet port allows a connection to your network or to other Sonos speakers.
Wireless Connectivity	Connects to your home Wi-Fi network with any 802.11 b/g/n router. 802.11n only network configurations are not supported—you can either change the router settings to 802.11 b/g/n or connect a Sonos product to your router.
SonosNet™ Extender	Functions to extend and enhance the power of SonosNet, a secure AES encrypted, peer-to-peer wireless mesh network dedicated exclusively for Sonos to reduce Wi-Fi interference.
General	
Side Panel Button (Join Button)	Join household
Side Panel LEDs	Indicate Sub status
Power Supply	100 - 240 VAC, 50/60 Hz, auto-switchable

Feature	Description
Dimensions (H x D x W)	15.3 x 6.2 x 15.8in. (389 x 158 x 402mm)
Weight	36.3 lbs (16kgs)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	4°F to 158°F (-20°C to 70°C)
Multiple Orientations	Stand upright or lay flat for flexible placement.
Rubber and Felt Feet	Built-in rubber feet; optional felt feet included.
Supported Devices	Sub works with all Sonos amplified products: Connect:Amp; Play:5; Play:3; Play:1; Playbar; ZP100 Does not work with the non-amplified Sonos Connect or ZP80.

* Specifications subject to change without notice.

Product guide feedback?

We'd love to hear from you! We'll read your feedback carefully and use it to help us improve our product guides. Write to us at: docfeedback@sonos.com

If you're having a problem with your Sonos system, please contact Customer Care so they can help. Email them at <http://www.sonos.com/emailsupport>.

Need more help?

- Tap **...** > **Help & Tips** to get some simple tips for getting the most out of your speakers.
- Visit our Frequently Asked Questions (FAQ) pages at www.sonos.com/support.
- Ask us a question at <http://www.sonos.com/emailsupport>.