



SONOS CONTROL

Product Guide

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The SONOS BRIDGE is protected by U.S. patent number D575,800.

The SONOS CONNECT is protected by U.S. patent numbers: D559,197 and D582,429.

The SONOS CONNECT AMP is protected by U.S. patent numbers: 7,378,903; 7,696,816; 7,792,311; D559,197; D575,801.

The SONOS CONTROL is protected by U.S. patent numbers: 7,571,014; 7,805,682; D559,197; D582,429.

Other patents are pending.

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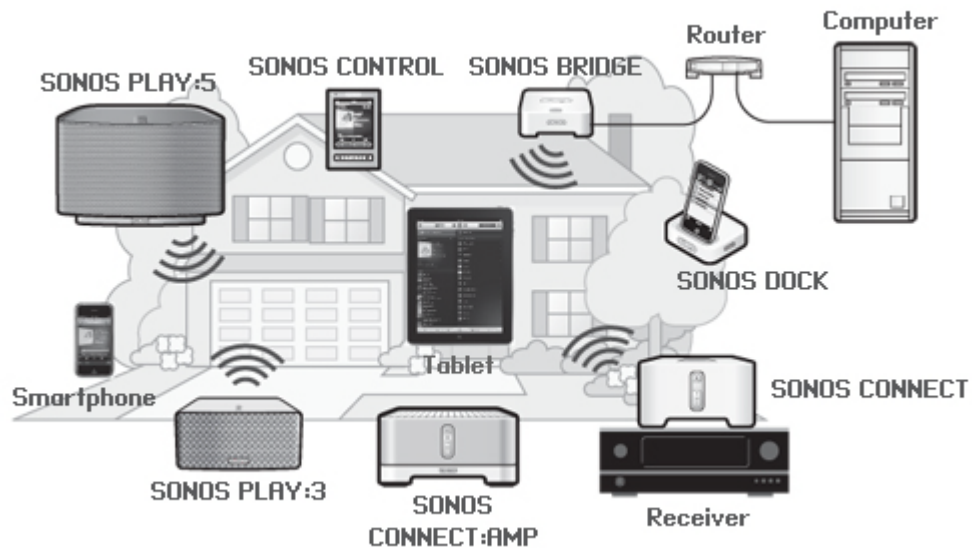
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SONOS CONTROL

- Lets you wirelessly control the music and where it's being played, from any room in your house—no pointing or line-of-sight requirements.
- Full-color LCD touch screen makes it simple to:
 - search or browse for songs
 - queue up tracks and playlists
 - select rooms—listen to different songs in every room, or listen to the same song in every room.
 - control volume, playback and system settings



Already have Sonos?

If you are adding a SONOS CONTROL (formerly called CR200) to an existing Sonos system, see "Adding a SONOS CONTROL" on page 5.

New to Sonos?

It takes just a few steps to get your Sonos system up and running. Unpack your Sonos components, and then turn to the Quickstart Guide included in the box. Set up at least one Sonos component before adding the SONOS CONTROL to your music system.


At a Glance




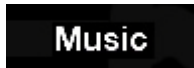
Navigation



Rooms

Touch  to select a room to play music in, to view the music selections playing in each room, or to create or modify room groups in order to share the same music across rooms. You can also use this button to lock the SONOS CONTROL so that nothing happens when you touch the screen (such as when cleaning the screen, or carrying the CONTROL in your pocket.)

To lock the SONOS CONTROL, touch and hold  for two (2) seconds. To unlock, simply touch and hold the button again.



Music menu

Touch to browse or select music, access playlists, and change the default settings for a Sonos component.




View Queue

Touch to view the tracks in the current queue.


**Scrolling/Browsing**

Scrolling/browsing. While touching the screen, drag your finger up or down to scroll through any displayed list. Flick the screen to scroll quickly. Touch an item in a list to make a selection.

**Back**

Touch  to return to the previous screen.

**Information**

Touch  on the Now Playing screen to view additional choices or view more information for a music selection.

Playback Controls

**Play / Pause**

Toggles between playing and pausing the current track.

**Next / Fast Forward**

Jumps to the start of the next track in the music queue. Touching and holding this control displays the track position slider while you move forward through the current track.

**Previous / Rewind**

If you are more than 3 seconds into the track, this control returns to the start of the current track; if you are less than 3 seconds into the track, this control jumps to the start of the previous track. Touching and holding this control displays the track position slider while you skip backward through the current track.

Sensors and Indicators

**Light sensor**

The light sensor automatically turns on the button backlights based upon the brightness of the environment.

**Wireless signal strength indicator**

Indicates the current strength of the CONTROL's wireless signal.

**Battery charge indicator**

Indicates the CONTROL's remaining battery charge.

Volume

**Volume Control**

Use the volume control buttons to increase (+) or decrease (-) the volume in any room, or across a room group.



Mute

Temporarily silences the music in a room. Touch again to unmute.
To mute all rooms, touch and hold for 3 seconds. Touch and hold for 3 seconds to unmute all rooms.

Settings

Lock


You can lock the SONOS CONTROL so that nothing happens when you touch the LCD touch screen or buttons.

Choose one of the following options:

- From the **Settings** menu, select **Controller Settings** -> **Lock Controller**.

Or,

- Touch and hold  for two (2) seconds.

When ready to unlock, simply touch and hold  for two (2) seconds.

Sounds

The SONOS CONTROL makes a clicking sound when you touch a selection. You can choose to turn all sounds on, turn all sounds off, or enable keyboard sounds only.

From the **Settings** menu, select **Controller Settings** -> **Controller Sounds**.

Light Sleep

The SONOS CONTROL will go into light sleep (the screen will turn off) to preserve the battery life when it is unused for a specified period of time. When motion is detected or a button is pressed, the SONOS CONTROL awakens immediately.

From the **Settings** menu, select **Controller Settings** -> **Sleep Timer Undocked/Docked**.

- **Sleep Timer Docked** (when CONTROL is seated in charging cradle)
- **Sleep Timer Undocked** (when CONTROL is not seated in charging cradle or attached to power)

Screen Brightness

1. From the **Settings** menu, select **Controller Settings** -> **Screen Brightness**.
2. Drag your finger across the slider to adjust the brightness of the controller screen.

Button Brightness

1. From the **Settings** menu, select **Controller Settings** -> **Button Brightness**.
2. Drag your finger across the slider to adjust the brightness of the buttons on your controller.

The button brightness is controlled by the light sensor, so the button brightness will vary depending upon your environment (such as whether it's night or day, or whether you are inside or outside your home.)

Motion sensor

The SONOS CONTROL has a motion sensor to automatically wake it up when motion is detected. Select this setting if you wish to disable the motion sensor.

From the **Settings** menu, select **Controller Settings** -> **Advanced Settings** -> **Motion Sensor**.

Language

Use this setting to change the language setting for your SONOS CONTROL.

From the **Settings** menu, select **Controller Settings** -> **Advanced Settings** -> **Language**.

Adding a SONOS CONTROL

If you are setting up a new Sonos system, Sonos recommends you set up at least one Sonos component before adding the SONOS CONTROL to your music system.

Note: The SONOS CONTROL is compatible with Sonos software version 3.0 or later. If you are adding to an existing Sonos system, use a different controller to check for software updates. Once you update your Sonos system, you can add the SONOS CONTROL.

Once you've got one or more rooms set up, connect the power adapter to the back of the charging cradle (included) and plug the cradle into a power outlet. Place the SONOS CONTROL into the charging cradle to wake it up (the screen will come alive when it's ready), and then follow the CONTROL's on-screen instructions to add it to your Sonos system.



Usage Data

To help us improve our products and services, Sonos would like to collect usage data about how you use your Sonos system. We will never provide any of this information to third parties. To learn more, you can go to our Website at www.sonos.com/legal/usage-data.

During setup, you will be requested to allow Sonos to collect usage data. You can change your mind anytime by selecting **Advanced Settings** -> **Usage Data** from the **Settings** menu, and then selecting **Yes** or **No**.

Turning Off

1. Touch **Controller Settings** from the **Settings** menu.
2. Touch **Advanced Settings** -> **Turn Off Controller**.

To turn it back on, simply place the controller into the charging cradle. Use this setting to put your SONOS CONTROL into deep sleep anytime it will not be in use for an extended period of time, or when you are transporting the controller to another destination. (The SONOS CONTROL cannot be turned off while it is seated in the charging cradle.)

Turning Off the Music System

Your Sonos system is designed to be always on; the system uses minimal electricity whenever it is not playing music. To quickly stop streaming music in all rooms, touch **Pause All** from the **Rooms** screen.

Your Sonos components remain off until you touch  to restart each room or room group.

Clocks and Alarms

Setting date and time

1. From the **Music** menu, select **Alarms**.
2. Touch **Date and Time Settings** to select the way in which date and time settings are determined and displayed on the CONTROL.

Adding an alarm

1. From the **Music** menu, touch **Alarms** -> **Alarms**.
2. Touch **New Alarm**.
3. Select the desired settings for this alarm, including the alarm time, the room you would like the alarm to play in, the music source you'd like to play from, the frequency of the alarm, and the volume setting.

Note: If the music you've selected is not available when the alarm goes off (such as an Internet radio station that has dropped off), your alarm plays the Sonos chime instead.

4. Touch **Advanced** to select additional alarm preferences:
 - **Duration** — select the length of time you want the alarm music to play.
 - **Include Grouped Rooms** — if you touch Yes, the alarm plays in the rooms that are linked together when the alarm goes off (not in the rooms that were linked together at the time the alarm was set).
 - **Show Clock on this Controller** — select On if you want a clock to display on this controller when the alarm sounds.
 - **Shuffle Music** — select On if you want the play mode for the selected alarm music set to shuffle.
5. Touch **Save Alarm** when you finish choosing the alarm settings.

Deleting an alarm

1. From the **Music** menu, touch **Alarms** -> **Alarms**.
2. Select the alarm you wish to delete, and touch **Delete Alarm**.

Setting a sleep timer

1. From the **Music** menu, touch **Alarms** -> **Sleep Timer**.
2. Select a sleep timer duration.

Turning off the alarm


When the alarm goes off, touch **Stop Alarm** from the **Now Playing** screen to turn off the alarm.

Online Updates

Sonos periodically provides you with software updates to improve performance or to add new features. Your Sonos system must be registered to receive updates. If you have not yet registered, see "System Registration" on page 8.

Setting software update preferences - CONTROL

There are two options available:

- Periodically check for updates. When there is a software update available, the **Update Now!**  icon appears on the **Music** menu.
- Do not check for updates.

1. From the **Settings** menu, touch **Advanced Settings**.
2. Select the desired setting for the **Auto Check for Updates**.
 - **On**, to periodically check for updates.
 - **Off**, do not check for updates.

Updating your Sonos components

When there is a software update available, the **Update Now!**  icon appears on the **Music** menu.

- Touch the **Update Now!** icon to begin the update process.
 - Your Sonos components will all be updated, as they must carry the same software version number. This process may take several minutes per component, depending upon your network connection.
 - One or more components may need to be updated later if you purchase a new components with a later software version, or if you plug in a components that was not in use when you performed your last software update.

- If you have another Sonos controller, you will be prompted to update it the next time you use it.

Caution: Do not disconnect power from your Sonos components, or in any way disable your Sonos system while this process is running. Contact Sonos Customer Support if an error occurs.

System Registration

Registering your music system allows you to receive technical support, Sonos software upgrades, and several free music service trials. At no time is any of your information provided to other companies.

1. From the **Settings** menu, touch **Advanced Settings**.
2. Touch **System Registration**, and then follow the prompts to register your Sonos system.

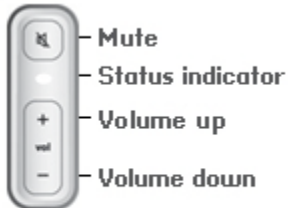
Renaming a Sonos Component

If you name a Sonos component incorrectly, or if you move it to another room, you can rename it to suit your preference.

1. From the **Settings** menu, touch **Room Settings**. If you wish to change the name of a BRIDGE, touch **BRIDGE Settings** instead.
2. Touch to select the room you wish to change.
3. Touch **Room Name**.
4. Choose one of the following options:
 - Drag your finger to scroll the room list, and touch to select the one you want.
 - Or, touch **Enter New** to type a unique name. Use the keyboard to enter the name, and then touch OK.

Turning Off the Status Light

A constant white light displays on the front of most Sonos components to indicate that the unit is functioning in normal operation. If you have a component located in a bedroom, you may want to turn this light off so that when the unit is in normal operation, it does not display. However, if the status indicator light begins to flash amber, please go to <http://faq.sonos.com/led> for additional information.



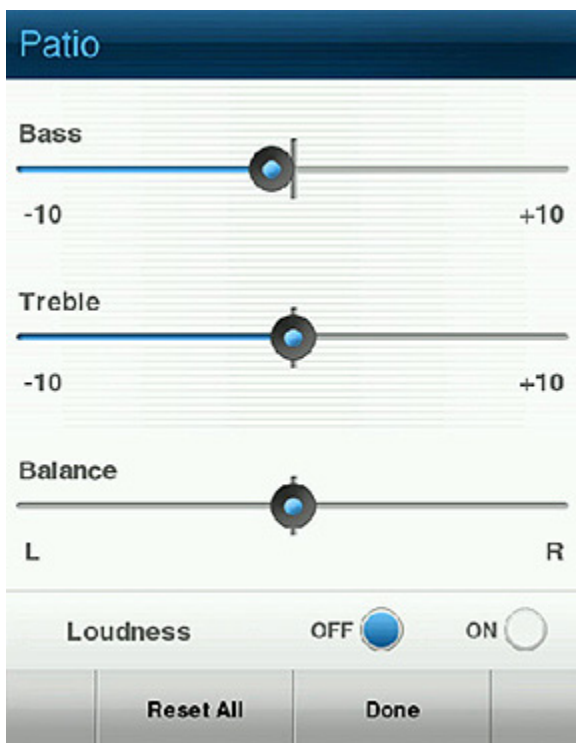
1. From the **Settings** menu, touch **Room Settings**. To turn off a BRIDGE status indicator light, touch BRIDGE Settings instead.
2. Touch the room you wish to affect.
3. Touch **White Status Light**. If the option is set to:
 - **Off**, the status indicator light remains off during normal operation.
 - **On**, the status indicator light remains on during normal operation.

Equalization (Sound Settings)

The SONOS PLAY:3, PLAY:5, CONNECT, and CONNECT:AMP ship with the equalization settings preset in order to provide the optimal playback experience. If desired, you can change the sound settings (bass, treble, balance, or loudness) to suit your personal preferences.

Note: The loudness setting is designed to compensate for normal changes in the ear's sensitivity at low volumes — you can turn this setting on to boost certain frequencies, including bass, at low volume.

1. From the **Settings** menu, touch **Room Settings**.
2. Touch to select a room.
3. Select **Music Equalization**, and drag your finger across the sliders to make adjustments.
 - Slide controls to the right to increase, left to decrease.
 - To change the **Loudness** setting, touch **ON** or **OFF**.
 - To change the settings for a Sonos component back to the original default values, touch **Reset All**.

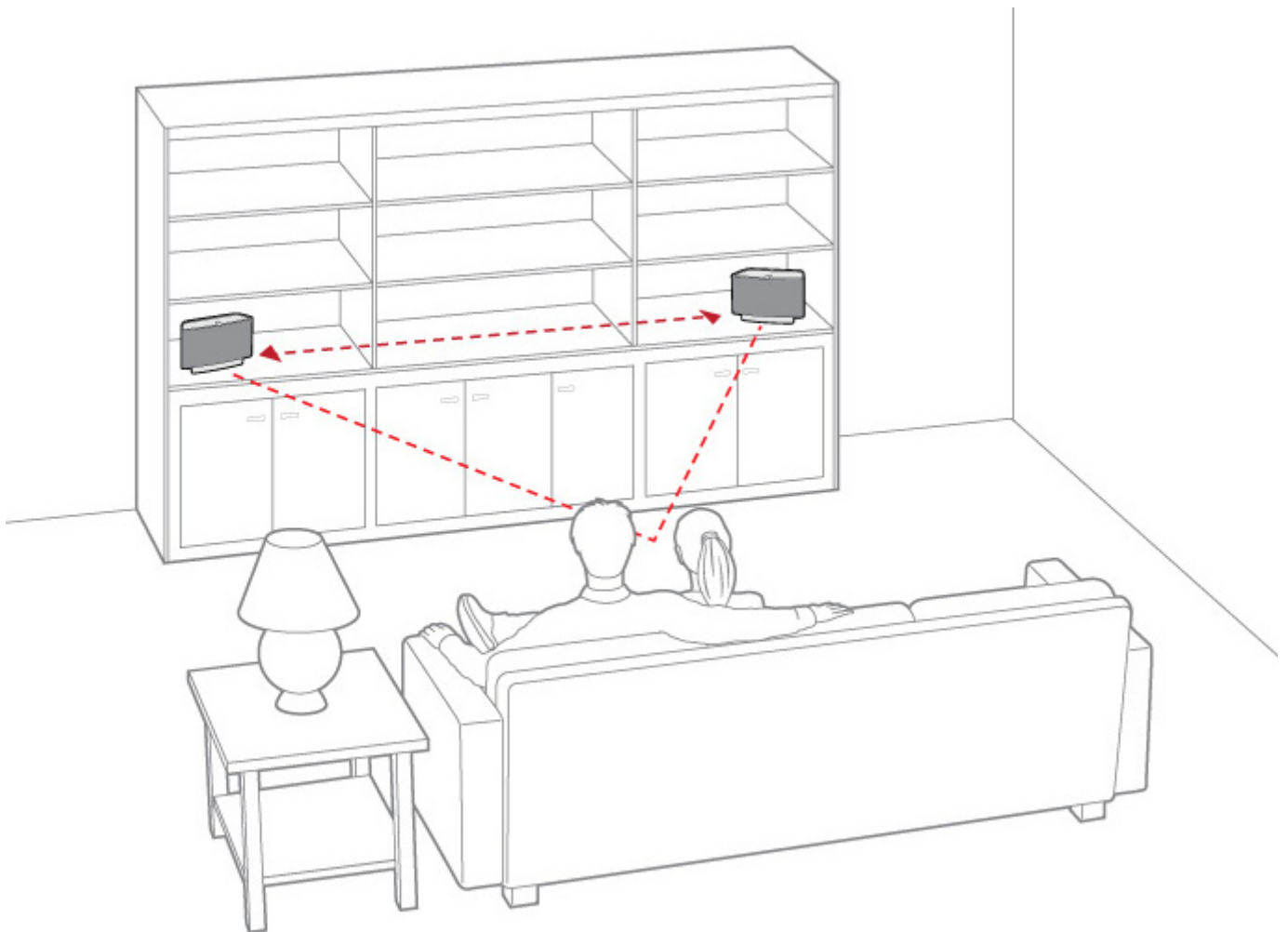


Creating a Stereo Pair

The Stereo Pair setting allows you to group two PLAY:5s or two PLAY:3s in the same room to create a wider stereo experience. In this configuration, one component serves as the left channel and the other serves as the right channel.

Optimum placement information

- When creating a stereo pair, it is best to place the two PLAY:5 or PLAY:3 units 8 to 10 feet away from each other, angled inward to form a triangle with your favorite listening position.
- Your favorite listening position should be 8 to 12 feet from the units. Less distance increases bass, more distance improves stereo imaging.



Note: The Stereo Pair setting is for use with PLAY:3s and PLAY:5s only. You can pair two PLAY:3s or two PLAY:5s. You cannot pair a PLAY:3 with a PLAY:5.

1. From the **Settings** menu, touch **Room Settings**.
2. Select one of the components you wish to create a stereo pair with.
3. Touch **Create Stereo Pair**, and touch **Next**.
4. Select the other component you wish to pair.
5. Press **Mute** on the component you wish to become the left channel.


The components automatically connect to form a stereo pair.

Separating a stereo pair


1. From the **Settings** menu, touch **Room Settings**.
2. Select the stereo pair you wish to separate (the stereo pair appears with L + R in the name.)
3. Touch **Separate Stereo Pair**, and then touch **Yes** to confirm.

The components appear separately on the **Rooms** screen.

Recharging

The SONOS CONTROL can be recharged by placing it in the Sonos Charging Cradle. The Battery Charge Indicator  on your controller displays the current battery charge level. To extend the battery life, it's best not to let the Lithium Ion battery discharge completely before recharging. Keep the controller seated in the charging cradle when not in use, as this type of battery does not suffer from memory effect and can be charged anytime.

If the battery charge begins to run low, a message will appear on your controller screen indicating that it's time to recharge. Simply place it in the cradle to recharge.

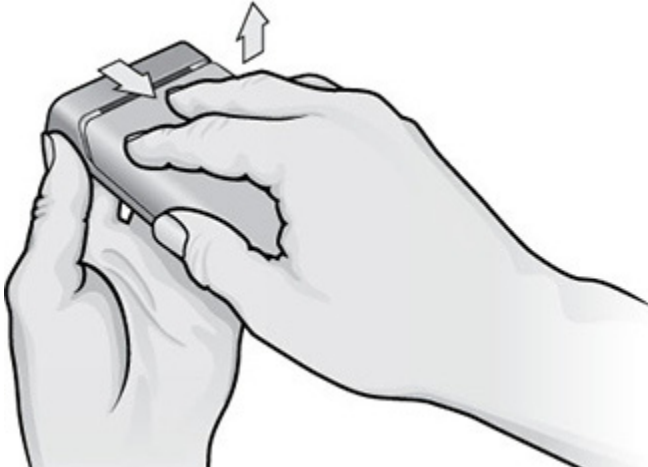
If you should miss this message and the CONTROL's battery discharges completely, simply place the controller into the charging cradle. The CONTROL's light sensor  will turn orange, indicating that a reset is in process. It will take a few minutes for the controller screen to wake up.

Battery Replacement

After several years (depending upon usage), the battery on your CONTROL may not hold a charge as long as it once did. You can purchase a replacement battery (visit our Web site at www.sonos.com for more information), and then follow the instructions below to replace the battery.

Caution: Risk of explosion if battery is replaced by incorrect type. Dispose of used batteries according to the instructions. (Check with your local waste or recycling company to determine the proper disposal method in your area.)

1. Remove the battery door on the back of your CONTROL.



Slide the battery door back, and then lift it off

2. Remove the existing battery by gently pulling the gray battery tab toward you to dislodge the battery, and then lift up to remove.
3. Remove the protective wrap from the new battery.
4. Insert the battery into the battery compartment with the Sonos logo facing out, making sure the battery snaps gently into place.
5. Close the battery door.
6. Place the SONOS CONTROL into the charging cradle to wake it up.

Managing Rooms

Sonos lets you enjoy music in up to 32 rooms, inside or out. You can group rooms together to play the same song in every room, or you can listen to different songs in every room. This means you can group the kitchen and the patio together while you're barbecuing, link all the rooms in the house together for a party, or leave all the rooms ungrouped and let the kids can enjoy rap in their rooms while you listen to jazz in your office.


Use the **Rooms** screen to:

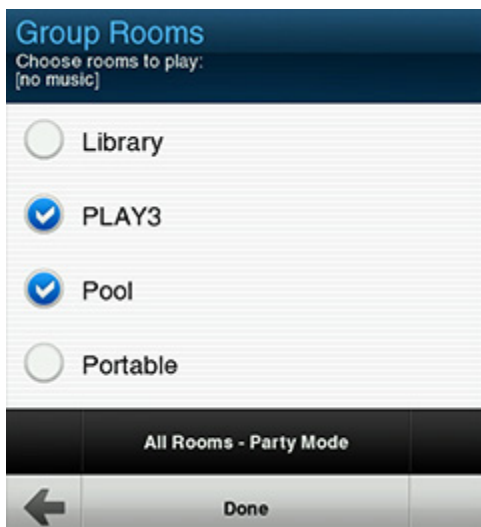
- Select a room to play music in
- See the music that's currently playing in every room
- Group rooms together to play the same music in synchrony
- Drop a room from a room group

Music continues to play while you browse. The currently selected room displays at the top of your screen, and the music you choose will play in that room.

Grouping Rooms

Any number of rooms can be grouped together to play the same music in synchrony.


- You can group or ungroup rooms while the music is playing.
 - You can group all the Sonos components in your house with one touch by selecting **Select All** for party mode.
 - You can group rooms first and then select the music you want to play, or you can add room(s) to a room where music is already playing. Any rooms you link will automatically drop their current music queue and begin to play the music from the selected room.
 - If you want to be able to play a music queue later, save that queue as a Sonos playlist before you link the rooms. See "Sonos Playlists" on page 27 for more information.
1. Press .
 2. Touch **Group** to the right of the room you want to add rooms to.



3. Check the rooms you would like to add to this group, and then touch **Done**.

If you want to join all the rooms in your house to this music queue, touch **Select All** from the **Group Rooms** screen. All of your Sonos components will then play the same music in synchrony until you drop rooms from the group.

Ungrouping Rooms

1. Press .
2. Touch **Group** to the right of the room group you want to change.
3. Uncheck the room(s) you want to remove from the group, and then touch **Done**.

The rooms you removed from the group stop playing music. The other rooms in the group continue unaffected.

Managing and Playing Music

Available Music Sources

- Library (shared folders on your home network)
- Music services
- Sonos playlists (music queues you have saved for future playback)
- Radio (Internet radio stations, radio shows, or podcasts)
- Docked iPods
- Line-in (connect an external audio source like an Apple® AirPlay® device, CD player, TV, MP3 player or more to a Sonos component via line-in and stream the audio to any or all Sonos components around your house)

What is your music library?

Your music library includes digital music located anywhere on your home network such as:

- shared folders on your computer
- shared folders on another computer in your network
- Network-Attached Storage (NAS) devices

You can browse your music library in various ways. You can enter search criteria to quickly find a particular music selection, or you can browse through a category hierarchy to make music selections.

Note: If a computer on your network is turned off or is in standby mode, the music folders on that computer are unavailable to the Sonos system until the computer is turned back on.

Your choices include:

- Artists
- Albums
- Composers
- Genres
- Tracks
- Imported playlists

- Search
- Folders

What is a music queue?

When you make music selections, they are added to a list of tracks called a music queue. You can create a different music queue for each room in your house, or you can create a room group and play the same music across multiple rooms. A play indicator appears to the left of the track currently playing in the music queue. When the current track ends, the next track in the queue starts to play, and play continues down through the list until the queue is completed. When you add selections to a queue, you can choose to play them now, play them next, add them to the end of the queue, or play them now and clear the queue of previous music selections.

What is a music service?

A music service is an online music store or online service that sells audio on a per-song, per-audiobook, or subscription basis.

What is a Sonos playlist?

A Sonos playlist is a music queue you create and then save for future listening. For example, you might want to create a jazz playlist, a party playlist, or an easy listening playlist.

What is radio?

Internet radio stations and radio shows are broadcasts provided by 3rd parties via the Internet. You can choose from thousands of radio stations and radio shows from around the globe, including archived shows and podcasts. You can also add your own favorite stations if they use streaming MP3 or WMA formats (not every radio station provides streams).

What is Line-in?

You can connect an external source like a CD player, portable music player, television, or AirPlay device to your Sonos system, and stream the audio to any or all Sonos components (PLAY:5, CONNECT, or CONNECT:AMP) around your house.

Managing Your Music Library

The Sonos system can play music from any computer or Network-Attached Storage (NAS) device on your home network where you have shared music folders (music shares). During setup, you are guided through the process of accessing these shared music folders. Over time, you may wish to add or remove music folders from this list.

Sonos is designed to work with large music collections. Music folders are indexed so you can view your music by categories — you can index approximately 65,000 tracks to the Sonos library. If the metadata in your files contains lengthy artist, track, or album names, your music index may fill up more quickly. For additional information, go to <http://faq.sonos.com/musicindex>.

- You can add or remove the shared folders Sonos accesses music from at any time. You may need to make changes if you add a computer to your home network, or if you move shared folders from one location to another.
- If you add new music to a folder that is already indexed, simply update your music index to add this music to your library.

- To play music from imported playlists, drop the playlist file .PLS, .M3U or .WPL into the same music folder that you have shared to the Sonos system, update your music index, and the custom playlists will appear when you select Imported Playlists from the **Music** menu.

Music Library Setup

Viewing shared folders

From the **Settings** menu, select **Manage Music Library** -> **Music Library Setup**.

The shared music folders that are currently accessible to your Sonos system are displayed. (If a computer on your network is turned off or is in sleep or standby mode, the music on that computer will be unavailable to the Sonos system until the computer is turned back on.)

Adding a shared folder

1. From the **Music** menu, select **Settings** -> **Manage Music Library** -> **Music Library Setup**.
2. Touch **Add New Share**.
3. Choose one of the following options:
 - Select **Scan my network for shares** to automatically scan for shared folders that are not currently being accessed.
 - Touch to select a folder from the displayed list.
 - If the folder does not require a user name and password, touch **OK**.
 - If the folder does require a username and password, use the keyboard to type them, and then touch **OK**.
 - Select **Enter the location of a share** if you prefer to enter the path.
 - Use the keyboard to type the path name for the share (path example: \\Name\Sharename, where Name is the network name for your computer or NAS device, and Sharename is the name of the top level shared folder, such as \\linkstation\music_share.)
 - If the folder does not require a user name and password, touch **OK**.
 - If the folder does require a username and password, use the keyboard to type them, and then touch **OK**.

Stop accessing a shared folder

1. From the **Music** menu, select **Settings** -> **Manage Music Library** -> **Music Library Setup**.

The shared music folders that are currently accessible to your Sonos system are displayed.

2. Select the folder you wish to stop using, and touch **Remove**.

Your music folder will remain untouched on your computer. However, you will no longer be able to access it from the Sonos system.

Updating the music index

During the setup process, all of your available music folders are indexed for easy selection. If you add new music to a folder that is already indexed, you can simply update your music index to add the new music to your Sonos music library.

1. From the **Music** menu, touch **Settings**.
2. Select **Manage Music Library** -> **Update Music Index Now**.
3. Select **Scan Now**.

The message, "updating music index" appears. When the message disappears, your new music is available.

Scheduling automatic updates

1. From the **Music** menu, touch **Settings**.
2. Touch **Manage Music Library**.
3. Touch **Schedule Music Index Update**, and select **On**.
4. Touch **Music Index Update Time**, and use the up and down arrows to select the time you would like your music index to update each day.

To turn off automatic music index updates, select **Off** from the **Schedule Music Index Update** menu option.

Contributing artists

Contributing Artists are those who appear on individual tracks within an album, including those on a compilation or soundtrack album. You can set your preferences to show or hide these individual artists within a Contributing Artists view.

1. From the **Music** menu, touch **Settings** -> **Manage Music Library** -> **View Contributing Artists**.
2. Select **On** or **Off**.

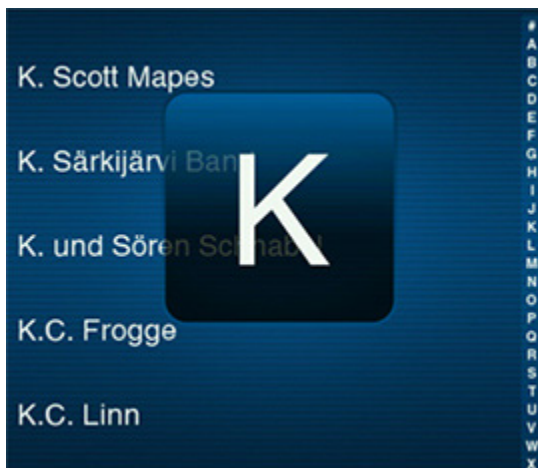
The View Contributing Artists preference setting you select applies only to this Sonos controller. If you have another Sonos controller, you can select a different Contributing Artist view for it.

Selecting from a Music Library

1. Select **Music Library** from the **Music** menu.


Note: The music you select will play in the room or room group that is currently showing at the top of your controller screen.

2. Select a category (search, artists, albums, composers, genres tracks, imported playlists, folders), and use your finger to drill down through the menus to make a music selection.
 - To make alphabetic browsing easier, touch any letter to the right of the list to move immediately to the selections that begin with that letter.



- To play all songs for an artist, composer, or genre, touch **All**.
- To play all songs on an album, touch **Complete Album**.
- If you've created Sonos playlists (tracks you've organized into lists), you can play them by selecting **Sonos Playlists** from the **Music** menu. For more information, see "Sonos Playlists" on page 27.

Note: If you have uncompressed files in your music collection, they may only be available for browsing and/or selection via Track or Browse by Folder, as uncompressed files may not contain detailed information such as artist, title and genre.


3. Touch  to return to the previous music selection screen.

Searching

You can use the search feature to look for music selections within your music library or some music services.

1. From the **Music** menu, select the music source you want to search (your music library or a music service.)



2. Touch **Search**, and select a search criteria (artists, albums, composers, or tracks).
3. Use the keyboard to type a full or partial name.
4. If you don't receive any search results, touch  to try again.

Music Library Preferences

Sort folders by preference

You can set the sorting preference for music folders that are accessible from your music library. You can choose to sort by:

- Track name
 - Track number
 - Filename
1. From the **Music** menu, select **Settings -> Advanced Settings -> Sort Folders By**.
 2. Select your sort order preference (track name, track number or file name.)

Compilation albums

If your music collection contains compilations and soundtracks, you may want to group these songs together in your music library instead of viewing them by individual artist. This means that any artists that appear solely on compilations will not appear in your Artists list.

Group using iTunes compilations

iTunes normally organizes your iTunes Music folder as [Artist]/[Album]/[Track name]. iTunes has a feature that allows you to group your compilation albums together. This will organize your compilations and soundtrack albums as [Compilations]/[Album]/[Track name].

Within iTunes:

1. Mark individual tracks as being part of compilations by highlighting the track and then selecting **File -> Get Info**.
2. Check the **Part of a compilation** checkbox.
3. From iTunes Preferences, check the **Group Compilations When Browsing** checkbox. This will group the tracks you've marked as compilations.

Within Sonos:

You can organize your Sonos music library to use this iTunes compilation view.

1. From the **Music** menu, select **Settings -> Manage Music Library -> Compilation Albums**.
2. Select **Use iTunes Compilations**.

Group using AlbumArtists

Windows Media Player, as well as some other players, use the Album Artist category to group compilations and soundtrack albums (the Album Artist is the person, group or composer the album would be filed under in a store.)

You can organize your Sonos music library to use the AlbumArtist compilation view.

Do not group compilations

If you choose not to group compilation albums, the individual artists will display within your Artists view.

1. From the **Music** menu, touch **Settings -> Manage Music Library -> Compilation Albums**.
2. Select **Do not group compilations**.

Imported playlists

The Sonos system is compatible with iTunes playlists (including Genius Mixes) as well as M3U, WPL and PLS playlist files created with third-party software (e.g. iTunes, WinAmp, Windows Media Player, etc.).

The Sonos system does not change music or playlist files created by other applications; these files are always treated as "read-only."

To view your imported playlists, select **Music Library** -> **Imported Playlists** from the **Music** menu.

- If they are not visible, they are probably not located in a folder you currently have shared to the Sonos system. Move the playlist file .PLS, .M3U or .WPL into the same music folder that you have shared to the Sonos system, update your music index, and the custom playlists will appear when you select Imported Playlists from your music library. See "Updating the music index" on page 17 for additional information.
- When you make changes to your iTunes playlist(s), exit iTunes, and then update your Sonos music index in order to see the changes (see "Updating the music index" on page 17).
- iTunes playlists will automatically be imported into the Imported Playlists menu on both the Sonos controller and Sonos Controller for Mac or PC on your PC as long as your 'iTunes Music Library.xml' file is shared along with your music to the Sonos system. For typical iTunes installations, this file is located in the iTunes folder.

For additional information, browse our Frequently Asked Questions (FAQ) pages or Forums at www.sonos.com/support.

Using Twitter

You can let your friends and followers know what you're listening to on Sonos by updating your Twitter status from a Sonos controller. You can choose to automatically populate your update with the name of the artist and track you're listening to, or type your own message. Sonos supports up to five Twitter accounts per household.

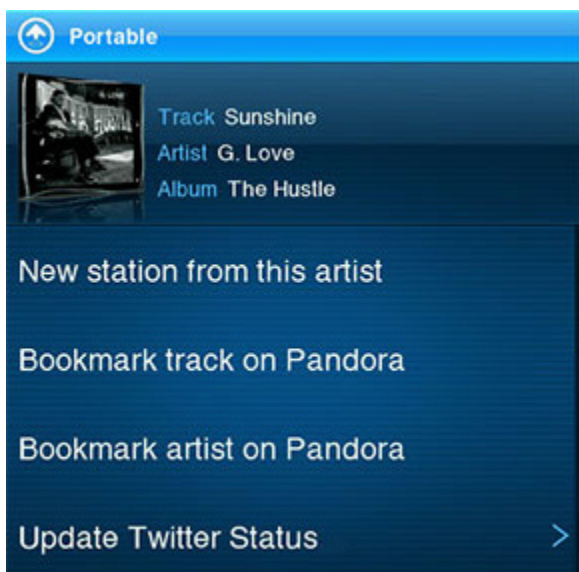
Adding your Twitter Account to Sonos

You must be registered with Twitter to use this feature. Once you have set up an account, simply add your Twitter account information to Sonos.

1. Select **Settings** from the **Music** menu.
2. Select **Manage Services** -> **Social Networking Services** -> **Available Services**.
3. Touch **Twitter**, and select **I already have an account**.
4. Use the keyboard to add your Twitter user name and password.

Sending a Twitter Update

1. From the **Now Playing** screen, touch **i**.



2. Select **Update Twitter Status**.
3. Choose one of the following options:
 - Use the keyboard to type a message, and touch **Post**.
 - Touch **Autofill** to scroll through a list of preformatted messages, and touch **Post** when the desired message is displayed.

Managing the Music Queue


Once you have added tracks to a queue, you can make changes to the music queue using the queue control buttons.

Removing a track from the queue

1. Touch **View Queue**.

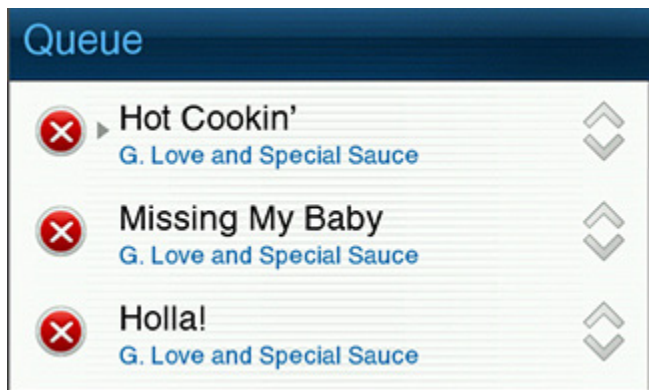
2. Touch **Edit**.



3. Touch  to the left of the track.
The song disappears from the queue list.

Moving a track within the queue

1. Touch **View Queue**.
2. Touch **Edit**.
3. Touch and hold  to the right of the track.




4. Drag the track to a new location in the queue and then let go of the button.

Clearing the music queue

1. Touch **View Queue**.
2. Touch **Clear**.

This will clear the entire queue in the selected room and the music will stop playing.

Changing the play mode

1. Display the **Now Playing** screen.
2. Touch the **Play Mode** drop-down  in the upper right corner.
3. Touch the Shuffle, Repeat, and/or Crossfade icons to change the play mode.

The play mode icons brighten white while activated.



Shuffle

Plays the tracks in the music queue in a random order.



Repeat

Repeats the music queue after the last track has finished.



Crossfade

Fades out the current track while fading in the next track to create a smooth transition between tracks.

Viewing large album art



From the **Now Playing** screen, touch the album art to enlarge it.

Music Services

A music service is an online music store or online service that sells audio on a per-song, per-audiobook, or subscription basis. Sonos is compatible with several music services — for the latest list of compatible music services, visit our Web site at www.sonos.com/howitworks/music/partners/default.aspx.

- For more information about a specific music service, go to <http://faq.sonos.com/musicservices>.
- Some music services may not be available in your country. Please check the individual music service's Web site for more information.
- To activate any of the free music service trials that are included with your Sonos system, your Sonos system must be registered. If you have not yet registered, go to "System Registration" on page 8 for help with this step.
- Touch **Music** to view the music services you have set up on your Sonos system.
- If you don't currently have a music service enabled, touch **More Music** to see additional audio services available for use with the Sonos system.

Activating a music trial

Free music service trials are available in some countries. (Please check the individual music service's Web site for more information.) If there is a music service trial available on your controller, simply follow the steps below to activate it. After the trial period is up, you need to subscribe to the music service to keep the music playing.

1. From the **Music** menu, touch **More Music**.
2. Select the music trial you would like to activate.
3. Follow the on-screen prompts to start your trial.

After the trial expires

If you want to subscribe to a music service after your free trial expires, go to the music service's Web site to sign up. Once you become a subscriber, simply update Sonos with your membership information (steps below) and you'll have instant access to the music service from your Sonos system.

1. From the **Music** menu, touch the music service you just subscribed to (such as Rhapsody, Spotify, or SiriusXM).
2. Touch **Subscribe**, and then touch **Next**.
3. If prompted to merge the music from your free trial account, select one of the following:
 - Merge if you want to merge the music from the trial with your new account
 - Don't Merge if you do not want to save the music from your free trial
4. Type your music service login and password, and then touch **Done**.

As soon as your credentials are verified, the music service will appear on the **Music** menu.

Adding a compatible music service

If you are currently subscribed to a music service that's compatible with Sonos, simply add your music service login and password information (as needed) to Sonos and you'll have instant access to the music service from your Sonos system. To see the latest list of compatible music services, go to www.sonos.com/howitworks/music/partners/default.aspx.

(If you have not yet subscribed to a music service, first go to the music service's Web site to sign up. Once you become a subscriber, simply follow the steps below to add your account information to Sonos.)

1. From the **Music** menu, touch **More Music**.
2. Touch to select the Sonos-compatible music service you would like to add.
3. Touch **I already have an account**.
4. Type your music service login and password, and then touch **Done**.

Your login and password will be verified with the music service. Once your credentials have been verified, you'll have instant access to the music service — it will appear as an option on the **Music** menu.

Your music service password

If you want to change the password for a music service you subscribe to, such as Spotify, Rhapsody, or SiriusXM, you must first change the password with your music service provider.

Go to your music service provider's Web site, and change your password in the account settings. Once you've changed your password there, update your Sonos system:

1. From the **Settings** menu, touch **Manage Services -> Music Services -> My Services**.
2. Touch to select the music service you wish to update.
3. Touch **Change Password**.
4. Use the keyboard to type the new password, and then touch **Next**.

Note: If you don't change your password with the music service first, it won't work on your Sonos system.

Removing a music service trial

When a music service trial expires, you may wish to remove the expired trial from your Sonos system.

1. From the **Settings** menu, touch **Manage Services -> Music Services -> My Services**.
2. Touch to select the music service you wish to update.
3. Touch **Remove Trial**.

Windows Media Player

When media sharing is turned on, Sonos can play all the music in your WMP library.

Displaying Windows Media Servers on Sonos

- From the **Settings** menu, touch **Advanced Settings -> Display Windows Media Servers**.

If **Display Windows Media Servers** was set to **OFF**, it is now **ON**; if **Display Windows Media Servers** was set to **ON**, it is now **OFF**.

For additional information, browse our Frequently Asked Questions (FAQ) pages or forums at www.sonos.com/support.

Selecting music

Once you turn on the display of Windows Media Servers, your media servers appear in the Music menu. Music selection choices include:

- Artists
- Contributing Artists
- Albums
- Composers
- Genres
- Tracks
- Playlists

Sonos Playlists

Sonos playlists are music queues you create and save for future listening. For example, you might want to create a jazz playlist, a party playlist, or an easy listening playlist.

Creating a Sonos playlist

1. Touch **View Queue** to display the current music queue.
2. Touch **Save**.
3. Choose one of the following options:
 - Touch **Save over an existing playlist** to select a playlist name.
 - Touch **Enter a new name**, use the keyboard to type a unique name, and then touch OK.

You can access these playlists anytime by selecting **Sonos Playlists** from the **Music** menu.

Playing a Sonos playlist

1. From the **Music** menu, touch **Sonos Playlists**.
2. Touch the playlist you want to play.
3. Do one of the following:
 - Touch **All Tracks**.
 - Touch to select a specific track in a playlist.
4. Choose one of the following:
 - **Play Now** — stops playing the current selection (if one is playing) to play this selection
 - **Play Next** — plays the selection next if there's music in the queue
 - **Replace Queue** — plays the selection now and clears the current queue of previous music selections
 - **Add to Queue** — places the selection at the end of the music queue

If you select a specific track, you can also touch **i** to display options for adding/deleting a track from your library, updating your Twitter status, and displaying album and artist information.

Deleting a Sonos playlist

1. From the **Music** menu, touch **Sonos Playlists**.
2. Touch **Edit**.
3. Select a playlist, and then touch **Delete**.
4. Touch **Delete**, and then **Done**.

Renaming a Sonos playlist

1. From the **Music** menu, touch **Sonos Playlists**.
2. Touch **Edit**.
3. Touch to select a playlist, and then touch **Rename**.
4. Use the keyboard to type a new name for the playlist, and then touch **OK**.
5. Touch **Save**.

Docked iPods

The SONOS DOCK allows you to play music stored on your docked iPod or iPhone in any or every room of your home, all perfectly synchronized. You can select music directly from your device when it is seated in the DOCK (autoplay mode), or you can use any Sonos controller to make music selections and control playback (accessory mode).

The DOCK is compatible with:

- iPod touch (1st, 2nd and 3rd generation)
 - iPod classic
 - iPod nano (3rd, 4th and 5th generation)
 - iPhone 4, iPhone 3GS, iPhone 3G, iPhone
1. Place a compatible device in the DOCK.
 2. Select **Docked iPods** from the **Music** menu.
 3. Select the device you want to play back.
 4. Choose one of the following options:
 - Touch **Play Now** to begin playback.
 - Touch **Browse** to search for music selections.

Line-in

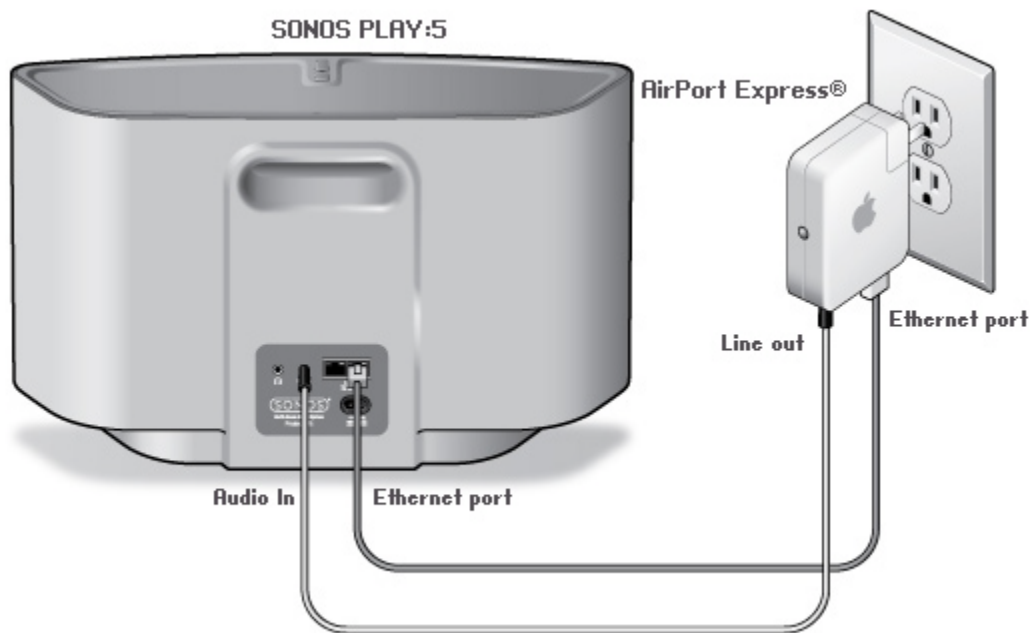
You can connect an external audio source like an Apple® AirPlay® device, CD player, TV, MP3 player or more to a Sonos component (PLAY:5, CONNECT, or CONNECT:AMP) via line-in and stream the audio to any or all Sonos components around your house. So, go ahead:

- Connect an Apple AirPlay device such as AirPort Express® via line-in and play music wirelessly from your iPhone®, iPad™ or iPod touch® in any or every room of the home.
- Connect an external audio source like a CD player via line-in and listen to the CDs you haven't had time to rip yet.
- Connect your TV to a PLAY:5, CONNECT, or CONNECT:AMP and listen to the big game on the patio while cooking on the grill.

Note: You can listen to music from the external device in any room, and use the Sonos system to control the volume settings. However you must control the playback (forward, pause, etc.) from the line-in source.

Connecting an AirPort Express to your Sonos system

1. Connect the AirPort Express to your PLAY:5 (or other Sonos component with an Audio In connection):



- Connect the 3.5mm audio cable (supplied with the PLAY:5) to the **Analog Audio In** connector from the back of your PLAY:5 to the **Line-out** connector on the AirPort Express. (If you are connecting to a different Sonos component, you can use a standard RCA audio cable.)
- Connect an Ethernet cable from the Ethernet port on the AirPort Express to an Ethernet port on your PLAY:5.
- Plug the AirPort Express into a power outlet.

2. Install AirPort Utility from the CD included with your AirPort Express.
If you need help with this step, you can go to <http://www.apple.com/airportexpress/features/utility.html>.
3. Open AirPort Utility and follow the on-screen instructions to configure your AirPort Express.
During the setup process, be sure to update the following settings:
 - Type **Sonos** as the AirPort Express Name.
 - Select **I want AirPort Express to join my current network**.
 - Select **I want to disable the wireless network on this AirPort Express and connect it to my computer or network using Ethernet**.
4. After your AirPort Express is configured, select **Room Settings** from the **Settings** menu.
5. Select the Sonos component your AirPort Express is connected to, and touch **Line-In** to update the following settings:
 - **Line-In Source Name:** Select AirPlay Device.
 - **Line-In Source Level:** A default (typical) line-in source level is automatically assigned based upon the source name. (If the volume sounds too low, you can select a higher line level. You may experience clipping at higher volume levels if you set the level too high.)
 - **Autoplay Room:** Select the room you want your AirPlay device to play in whenever it's connected to Sonos. You can also select **Include Grouped Rooms** so that any rooms grouped with the autoplay room will play the same music.
 - **Use Autoplay Volume.** Set **Use Autoplay Volume** to **Yes** if you intend to use your AirPlay device to adjust the volume in the autoplay room. Use the slider to set a default volume for the autoplay room whenever the AirPlay device is connected.

Now you're ready to use AirPlay — simply touch the AirPlay icon on your iPhone, iPad, iPod touch, or in iTunes and select Sonos.

For more information about setting up an AirPlay device with Sonos, go to <http://faq.sonos.com/airplay>.

Connecting a portable player to your Sonos system

1. Using a 1/8 inch mini-stereo to RCA audio cable, plug the mini-stereo end into the portable device and the RCA end into the Audio In connection on the Sonos component. The device will automatically be detected and displayed on the Sonos controller.
2. Choose one of the following options:
 - To play music from this line-in source, select **Line-in** from the **Music** menu, select the room the device is connected to, and touch **Play Now**.
 - To change the settings for this line-in source, select **Room Settings** from the **Settings** menu.

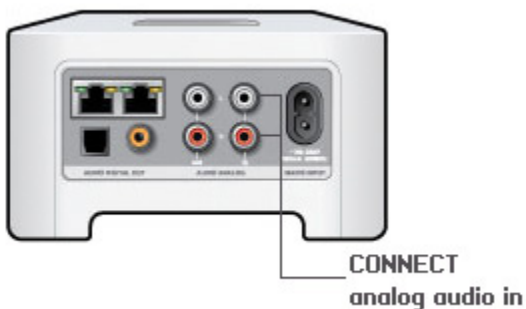
Select the Sonos component this device is connected to, and then touch **Line-In**.

- **Line-In Source Name:** Select a component name from the list.
- **Line-In Source Level:** A default (typical) line-in source level is automatically assigned based upon the source name. (If the volume sounds too low, you can select a higher line level. You may experience clipping at higher volume levels if you set the level too high.)

- **Autoplay Room:** Select the room you want your line-in source to play in whenever it's connected to Sonos. You can also select **Include Grouped Rooms** so that any rooms grouped with the autoplay room will play the same music.
- **Use Autoplay Volume.** Set **Use Autoplay Volume** to **Yes** if you intend to use your MP3 player to adjust the volume in the autoplay room. Use the slider to set a default volume for the autoplay room whenever the MP3 player is connected.

Connecting another line-in source to your Sonos system

1. Connect the audio line-in cable provided with your Sonos component (or a standard RCA cable) from the **Audio out** connection(s) on the external source to the analog **Audio In** connection(s) on the back of your Sonos component. The source device will automatically be detected and displayed on the Sonos controller.



2. Choose one of the following options:

- To play music from this line-in source, select **Line-in** from the **Music** menu, select the room the device is connected to, and touch **Play Now**.
- To change the settings for this line-in source, select **Room Settings** from the **Settings** menu.

Select the Sonos component this device is connected to, and then touch **Line-In**.

- **Line-In Source Name:** Select a component name from the list.
- **Line-In Source Level:** A default (typical) line-in source level is automatically assigned based upon the source name. (If the volume sounds too low, you can select a higher line level. You may experience clipping at higher volume levels if you set the level too high.)
- **Autoplay Room:** Select the room you want your line-in source to play in whenever it's connected to Sonos. You can also select **Include Grouped Rooms** so that any rooms grouped with the autoplay room will play the same music.
- **Use Autoplay Volume.** Set **Use Autoplay Volume** to **Yes** if you intend to use your line-in device to adjust the volume in the autoplay room. Use the slider to set a default volume for the autoplay room whenever the line-in device is connected.

Changing the audio compression setting

Your Sonos system defaults to *automatic* in order to provide the optimal playback experience. Sonos recommends you do not change this default. However, if you decide to make a change, we recommend the following usage guidelines:

Use Uncompressed if:

- You want optimal performance with home theaters.
- You want to produce the highest quality sound for your Sonos system (this selection requires more network bandwidth than compressed audio.)

Use Compressed if:

- You are connecting more than 4 rooms wirelessly.
- You are in an environment with heavy wireless interference and are experiencing dropouts.

1. From the **Settings** menu, touch **Advanced Settings**.
2. Touch **Audio Compression**.
3. Select **Compressed** or **Uncompressed**.

Line-out

You can easily connect your home theater, stereo, or powered speakers to a CONNECT. Depending on the model, you can use analog or digital audio outputs to connect to an external amplifier. The SONOS CONNECT has both digital and analog outputs, while the Player 100 has analog outputs. The SONOS CONNECT:AMP is not designed with audio outputs.

For instructions on connecting a device, see the documentation included with your Sonos component. Also, go to <http://faq.sonos.com/lineout>.

For additional information on connecting audio devices, go to our Web site at <http://faq.sonos.com/cables>.

Controlling the volume from your home theater

1. Set the line-out level on this Sonos component to **Fixed**:
2. From the **Settings** menu, select **Room Settings**.
3. Touch to select the Sonos component attached to your home theater, select **Line-Out Level**, and choose **Fixed**.

Note: When the line-out level on your Sonos component is **Fixed**, you cannot adjust the volume or the equalization settings using your Sonos controller.

Controlling the volume from your Sonos system


1. Adjust your home theater or other audio device's volume to typical listening volume.
2. Select **Room Settings** from the **Settings** menu. Touch to select the Sonos component attached to your home theater, select **Line-Out Level**, and choose **Variable**.
3. Adjust the volume on your Sonos system so you can hear music. This may be at the high end of the volume scale.
4. If desired, you can readjust the volume on your home theater system so that the volume range for the controller falls within your typical listening range.

Radio

Sonos includes a radio guide that provides access to thousands of free Internet radio stations and broadcast programs. You can easily find radio from all over the world — music, news, and variety programming, including archived shows and podcasts.

- If you have a music service enabled on your computer, you can additionally select Internet radio stations from your music service.
- Sonos currently supports MP3 and WMA streaming audio formats.
- If you can't find your favorite radio station or show, go to <http://faq.sonos.com/radio>.

Selecting a radio station

1. From the **Music** menu, touch **Radio**.
2. Choose one of the following options:
 - Select a radio station, radio show, or podcast from your **Favorites** folder (these are stations or shows you have previously saved as Favorites). If you want to add a selected radio station to your Favorite Stations list while browsing, touch  and then touch **Add station to Favorites**.
 - Search for a radio station, radio show or podcast. Touch **Search** and then select a category (Stations, Shows, or Hosts). Enter your search criteria (full or partial).
 - Select a radio station from Local Radio (these are radio stations located in your local area. To set up a local radio location, see "Setting up or changing a local radio location" on page 34).
 - Select a radio station or radio show by category (such as Music, Talk, or Location). Select a category, and then drag your

finger across the screen to browse through the list.


Setting up or changing a local radio location

Selecting a local radio location will give you easy access to local radio stations in that city. There are two ways you can set your location:

- by entering a zip code (U.S. only)
 - by selecting a city
1. From the **Music** menu, touch **Radio**.
 2. Touch **Local Radio** -> **Change Location**.
 3. Choose one of the following options:
 - Select **Enter ZIP Code** as your search criteria and then use the keyboard to enter a ZIP code.
- Or,
- Select **Pick a City** as your search criteria, and then use your finger to browse the list and make a selection.


Adding a station or show to your Favorites list

When you add a radio station or show to your Favorites list, it is duplicated in one of the Favorites lists (Radio Stations or Radio Shows), not moved from the original radio list.

1. From the **Music** menu, touch **Radio**.
2. Browse to find a radio station or radio show.
3. Touch .
4. Touch **Add station to Favorites**.

You can also add a station by touching  when the station is playing and then touching **Add station to Favorites**.

Deleting a station or show from your Favorites list

1. From the **Music** menu, touch **Radio**.
2. Touch **Favorites**, and select **Radio Stations** or **Radio Shows**.
3. Select the radio station or radio show you want to delete.
4. Touch .
5. Touch **Remove station from Favorites**.

Basic Troubleshooting

If a problem occurs, you can try the troubleshooting suggestions listed below. If one of these doesn't remedy the problem, or you are not sure how to proceed, please contact the Sonos Technical Support team (www.sonos.com/support) and we'll be happy to help.

The SONOS CONTROL is acting sluggish, or not all rooms are visible

You are probably experiencing wireless interference. Change the wireless channel your Sonos system is operating on by following the steps below.

1. From the **Settings** menu, touch **Advanced Settings**, and then **Wireless Channel**.
2. Choose another channel from the list.

It may take several seconds for the switch to take effect. If you have music playing, a short music dropout may occur during the wireless channel change.

Reset the SONOS CONTROL

If the SONOS CONTROL's screen should ever become unresponsive, you can remove the battery from the back of the unit, and then immediately put it back in. Place the CONTROL into the charging cradle for a few moments to wake it up.

Restart the SONOS CONTROL

There may be an occasion when you need to renew your DHCP lease (get a new IP address from your Internet provider's DHCP server.) If this occurs, you can restart your CONTROL by selecting **CONTROL Settings** -> **Advanced Settings** -> **Restart Controller** from the **Settings** menu.

Can't add the SONOS CONTROL to your Sonos system

1. **Turn off any 2.4GHz cordless phones.**

Some 2.4GHz cordless telephones can cause wireless interference. If turning off your 2.4GHz cordless phone resolves the problem, you should consider switching to a 5.8GHz or 900Mhz phone (or change the wireless channel your Sonos system is operating on - see "The SONOS CONTROL is acting sluggish, or not all rooms are visible" on page 35 for help with this step.)

2. **Put 108 Mbps wireless routers into 54 Mbps mode.**

Sonos cannot function properly when a router is operating in turbo mode. To double the speed from 54 Mbps to 108 Mbps, the router goes into a wide bandwidth mode which uses most of the 2.4 GHz spectrum that the FCC has set aside for 802.11b/g devices. This means that interference (RF noise) will occur with any other 2.4 GHz device that is not operating on the same channel as the 108 Mbps device (usually channel 6). While it is possible to put all of your wireless devices on channel 6, it is unwise. The devices will have to compete for available bandwidth, and your entire wireless network will become sluggish.

3. **Change the wireless channel your Sonos system is operating on.**

For more information, see "The SONOS CONTROL is acting sluggish, or not all rooms are visible" on page 35.

Important Safety Information

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 components.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
8. Protect the power cable from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
9. Only use attachments/accessories specified by the manufacturer.
10. Unplug this apparatus during lightning storms or when unused for long periods of time.
11. 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.
12. The Mains plug should be readily available to disconnect the equipment.
13. **Warning:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
14. Do not expose apparatus to dripping or splashing and do not place objects filled with liquids, such as vases, on the apparatus.