



Sonos[®] CONTROL
Product Guide

THIS DOCUMENT CONTAINS INFORMATION THAT IS SUBJECT TO CHANGE WITHOUT NOTICE.

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including but not limited to photocopying, recording, information retrieval systems, or computer network without the written permission of Sonos, Inc.

Sonos and all other Sonos product names and slogans are trademarks or registered trademarks of Sonos, Inc. Sonos Reg. U.S. Pat. & Tm. Off.

Sonos products may be protected by one or more patents. Our patent-to-product information can be found here:

sonos.com/legal/patents

iPhone®, iPod®, iPad® and iTunes® are trademarks of Apple Inc., registered in the U.S. and other countries.

Windows® is a registered trademark of Microsoft Corporation in the United States and other countries.

Sonos uses MSNTP software, which was developed by N.M. Maclaren at the University of Cambridge.

© Copyright, N.M. Maclaren, 1996, 1997, 2000; © Copyright, University of Cambridge, 1996, 1997, 2000.

All other products and services mentioned may be trademarks or service marks of their respective owners.

June 2015

©2004-2015 by Sonos, Inc. All rights reserved.

Sonos CONTROL

You can use your CONTROL to enjoy the music you love all around your home.—simply pick a room, pick a song, and tap **Play Now**.

Getting Started

Adding a Sonos CONTROL

Note: The Sonos CONTROL requires that you have one or more Sonos players and a wireless router set up in your home. Sonos components are sold separately.

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.




Tour the Sonos CONTROL


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**View Queue**

Touch to view the tracks in the current queue.

**Back**Touch  to return to the previous screen.**Info & Options**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.

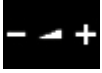
**Wireless signal strength indicator**

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**.

Turning Off the Controller


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.)

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.

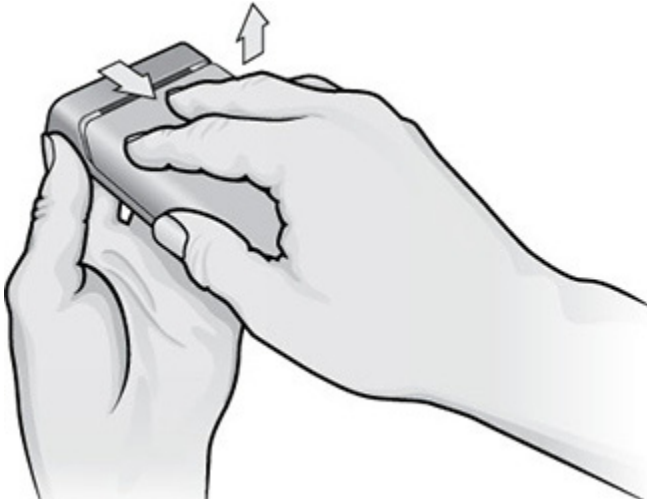
If you should miss this message and the CONTROL's battery discharges completely, simply place the controller into the charging cradle. The CONTROL's light sensor  will turn orange, indicating that a reset is in process. It will take a few minutes for the controller screen to wake up.

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 website 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

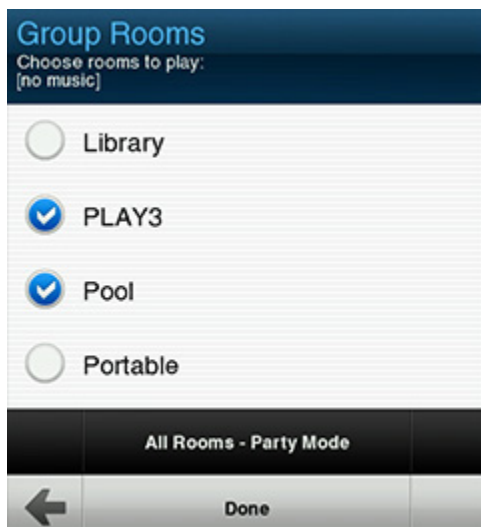
Sonos lets you enjoy music in up to 32 rooms, inside or out. You can play a different song in every room or play the same song in every room. Group the kitchen and patio together when you're barbecuing; group the rooms throughout your home in perfect synchronization for a party; or leave all your rooms ungrouped so that everyone can make a different music choice. You can also create a stereo pair with two PLAY:1[®]s, PLAY:3[®]s, or PLAY:5[®]s in the same room to enhance your listening experience.

Grouping Rooms

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

- You can group or ungroup rooms while music is playing.
- You can group all the Sonos players in your house with one touch by choosing **Select All**.
- You can group rooms first and then select the music you want to play, or you can add room(s) to a location where music is already playing. Any rooms you group 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 the queue as a Sonos playlist before you group the rooms. See "Sonos Playlists" on page 12 for more information.


1. Press .
2. Touch **Group** to the right of the room you want to group with other rooms.



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

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

Music Sources

Available Music Sources

- Radio (Internet radio stations, radio shows, or podcasts)
- Music services
- Local music library (shared folders on your home network)
- Sonos Favorites
- Sonos playlists (music queues you have saved for future playback)
- 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 radio?

Sonos includes a radio guide that provides immediate access to thousands of free Internet radio stations and broadcast programs. You can easily find Internet radio stations from all over the world—music, news, and variety programming, including archived shows and podcasts. You can also add your own favorite stations if they use streaming MP3, AAC, or WMA formats (not every radio station provides streams).

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. Sonos is compatible with several music services - you can visit our website at www.sonos.com/music for the latest list.

What is your local music library?

Your local 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 Sonos Favorites?

Sonos Favorites gives you quick and easy access to the music you love the most. You can add audio selections to your Sonos Favorites from any controller. Once you've added a favorite, it appears under **Sonos Favorites** on the **Music** menu.

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 a docked iPod?

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.

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 CONECT:AMP™) around your house.

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.

- Sonos currently supports MP3, AAC, and WMA streaming audio formats.
- If you can't find your favorite radio station or show, go to <http://faq.sonos.com/radio> for more information.
- Once you've set your location, select Radio from the Music menu to play a radio station.

Selecting 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 My Radio

When you add a radio station to **My Radio Stations** (or a show to **My Radio Shows**), it is duplicated, not removed, from the original radio list.


1. From the **Music** menu, touch **Radio**.
2. Browse to find a radio station or radio show.
3. Select the station or show, and then touch .
4. Touch **Add to My Radio Stations** or **Add to My Radio Shows**.

Removing a station or show from My Radio

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

Adding a station or show to your Sonos Favorites

Sonos Favorites gives you quick access to the music you love most. Once you add a station or show to your Sonos Favorites, play it by selecting it from your **Sonos Favorites** on the **MUSIC** menu. For additional information, see "Sonos Favorites" on page 10.

1. From the **Music** menu, select **Radio**.
2. Touch the station or show you want to add to your Sonos Favorites.
3. Touch .
4. Select **Add to Sonos Favorites**.

Sonos Favorites


Sonos Favorites gives you quick and easy access to the music you love the most. You can add audio selections to your Sonos Favorites from any controller. Once you create a Favorite, it appears under **Sonos Favorites** on the **MUSIC** menu.

Note: Audio from docked iPods, wireless playback from iOS and Android devices, and line-in sources cannot be added to Sonos Favorites since these music sources may not always be available to your Sonos system.


Adding a Sonos Favorite

1. From the **MUSIC** menu, browse to find the selection you want to add to your Sonos Favorites.


Note: Sonos Playlists can't be added to Sonos Favorites using the CONTROL. Use a different controller if you want to do this.

2. Touch , and choose **Add to Sonos Favorites**.

If there are multiple accounts for the music service associated with your Sonos system, the nickname for the music service account used to create the favorite appears below the selection in the **Sonos Favorites** list.


Note: To add the selection you are currently listening to, touch  from the **NOW PLAYING** pane and choose **Add to Sonos Favorites**.

Playing a Sonos Favorite

1. From the **Rooms** screen, touch the room you want to play music in.
2. Select **Sonos Favorites** from the **MUSIC** menu.
3. Touch the selection you wish to play, and choose one of the following options:
 - **Play Now** to add the selection to the end of the queue and start playing it.
 - **Play Next** to add the selection to the music queue as the next selection to play.
 - **Add to Queue** to add the selection to the end of your music queue.
 - **Replace Queue** to remove the contents of the current queue and replace it with this selection.
 -  to display additional options, such as adding a track to your Sonos Favorites or viewing artist/album information.

Note: The options that appear depend on the music source you have selected.

Adding a Sonos Favorite to a Sonos playlist

1. Select **Sonos Favorites** from the **MUSIC** menu.
2. Touch the favorite you want to add to a playlist.
3. Touch , and choose **Add to Sonos Playlist**.

Note: The options that appear depend on the music source you have selected.

4. Touch **New Playlist** or select an existing playlist.

Deleting a Sonos Favorite

1. Select **Sonos Favorites** from the **MUSIC** menu.
2. Touch **Edit**.
3. Touch the selection you wish to delete, and choose **Delete Favorite**.
4. When you are finished editing favorites, touch **Done**.

Renaming a Sonos Favorite

1. Select **Sonos Favorites** from the **MUSIC** menu.
2. Touch **Edit**.
3. Touch the selection you wish to rename, and choose **Rename Favorite**.
4. When you are finished editing favorites, touch **Done**.

Note: When you rename a Sonos Favorite playlist, the playlist name remains unchanged if you access it through the Sonos Playlists menu option.


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.

Once you've created a playlist, simply select **Sonos Playlists** from the **Music** menu to play it back.

Note: You can build playlists from multiple music service accounts, but you will not have the ability to see which account the tracks came from.

Adding a Sonos playlist


While browsing music, you can create a Sonos playlist or add to an existing playlist. Simply touch  and choose **Add to Sonos Playlist**. Touch **New Playlist** or select an existing playlist.

Note: The options that appear depend on the music source you have selected.


You can also save a music queue as a Sonos playlist by choosing **Save** while viewing the queue.

Note: Tracks that reside on your iPhone, iPod touch, or iPad, or on your Android device are not included in a Sonos playlist. For more information, see the *Sonos Controller for Android Smartphones Product Guide*, *Sonos Controller for Android Tablets Product Guide*, *Sonos Controller for iPad Product Guide*, or *Sonos Controller for iPhone Product Guide*.

Moving tracks within a playlist

1. From the **Music** menu, touch **Sonos Playlists**.
2. Select a playlist.
3. Touch **Edit**.
4. Touch and hold  to the right of the track.
5. Drag the track to a new location in the playlist and then let go of the button.

Removing a track from a playlist

1. From the **Music** menu, touch **Sonos Playlists**.
 2. Select a playlist.
 3. Touch **Edit**.
 4. Touch  to the left of the track.
- The track disappears from the playlist.

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**.

Note: If you delete a playlist that is also a Sonos Favorite, see "Deleting a Sonos Favorite" on page 12 to remove it from your Sonos Favorites.

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**.

Note: If you rename a Sonos playlist that is also a Sonos Favorite, the playlist name remains unchanged when you access it through the Sonos Favorites menu option.

Playing Music


You can select music by touching the **Music** menu and drilling down through a selected source, or you can search for music in a specific source.

Searching for Music

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.

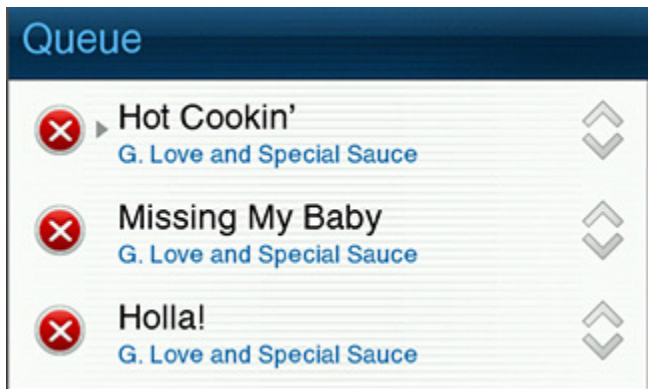
Managing the Music Queue

Once you have added tracks to a queue, you can make changes to the music queue using the queue controls. Sonos playlists are music queues you create and save for future listening. For more information, see "Sonos Playlists" on page 12.

Note: Wireless playback from iOS and Android devices allows you to select and play music and podcasts stored on any iPhone, iPad, iPod touch, or Android device that's on the same network as your Sonos products. If there are tracks in the queue from a mobile device that is not currently available to Sonos, you may see a message indicating that the selection cannot be played at this time.

Removing a track from the queue

1. Touch **View Queue**.
2. Touch **Edit**.



3. Touch **X** to the left of the track.
The track 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 clears the entire queue in the selected room and the music stops playing.


Saving a queue as a Sonos playlist

- Click **Save** while viewing the queue.

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

Note: Tracks that reside on your iPhone, iPod touch, iPad or your Android device are not included in a Sonos playlist.

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

Changes the order of the tracks in the music queue. Turn shuffle off to return the tracks to their original playback order. Turn shuffle on again and get a different mix.



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.

Clocks and Alarms

Setting date and time

1. From the **Music** menu, select **Settings**.
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.

Setting an alarm

1. From the **Music** menu, touch **Alarms** -> **Alarms**.
2. Select the alarm you wish to set, tap **Alarm (Off)**, so it displays **Alarm (On)**.

Note: You can also turn on an alarm when adding or editing it.

Changing an alarm

1. From the **Music** menu, tap **Alarms** -> **Alarms**.
2. Select the alarm you wish to change.
3. Change the alarm settings, and then touch **Save Alarm**.

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.

Showing the clock screen


Once an alarm has been added to your Sonos system, you can set a preference to have the clock screen show automatically on a Sonos CONTROL when the alarm sounds.

1. From the **Music** menu, select **Alarms**.
2. Touch **Alarms**, and then select the alarm from the list.
3. Select **Advanced** -> **Show Clock on this Controller**. (If you want the clock to show on another Sonos CONTROL, repeat this process on the other controller.)

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 audio in all rooms, touch **Pause All** from the **Rooms** screen.
- To quickly stop streaming audio in a room or room group, press the **Play/Pause** button on a Sonos player (may appear as a **Mute** icon on some players).

Your Sonos products remain *off* until you touch  or press the **Play/Pause** button on a player to restart each room or room group.

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, go to <https://faq.sonos.com/register> for help with this step.

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 products will all be updated, as they must carry the same software version number. This process may take several minutes per product, depending upon your network connection.
 - One or more products may need to be updated later if you purchase a new product 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.

For additional information, go to <http://faq.sonos.com/updateerror>.

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

Basic Troubleshooting

Warning: Do not open a device as there is a risk of electric shock. 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.

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 Customer Support team and we'll be happy to help.

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 **Controller 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).

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.

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 products.
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.

Specifications

Feature	Description
Display and User Interface	
Screen Type	Transflective LCD screen, with adjustable backlighting
Screen Resolution	3.5" (diagonal) color LCD, 240 x 320 (QVGA)
Browse Control	Touch-sensitive scroll wheel with center-mounted selector button
Function Buttons	9 Backlit buttons, 3 soft-selector buttons below screen

Feature	Description
Indicators	Wireless signal strength and battery charge indicator (on-screen), battery status indicator LEDs.
Power/Connections	
Battery Type	Rechargeable Li-ION Polymer battery, factory replaceable
Battery Charging Time	2 hours to fully charge
DC Charger	Input 100-240 VAC, 50/60 HZ, Output 6 VDC, 3.8 A
Auxiliary Power Connection	Bottom-mounted charger contacts
Wireless Connectivity	SonosNet™, a secure AES encrypted peer-to-peer wireless mesh network
General	
Dimensions	6.5"x 3.8" x 0.95" (165mm x 97mm x 24.5mm)
Weight	12.5 oz. (360 g)
Finish	Metal cladding on light gray enclosure, splash-resistant

* Specifications subject to change without notice.

Regulation Information

USA

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- All Sonos devices have in-products antennas. Users cannot reorient or relocate the receiving antenna without modifying the product
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Caution: Modifications not expressly approved by the manufacturer may void the user's authority to operate the equipment under FCC rules.

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Canada

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The installer of this radio equipment must ensure that the product is located such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website www.hc-sc.gc.ca/rpb. As mentioned before, the installer cannot control the antenna orientation. However, they could place the complete product in a way that causes the problem mentioned above.

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Canada

Cet appareil numérique de classe B est conforme aux normes NMB-003 et CNR-210 en vigueur au Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas créer d'interférences nuisibles. (2) Cet appareil doit tolérer toutes les interférences reçues, y compris les interférences pouvant entraîner un fonctionnement indésirable.

L'installateur du présent matériel radio doit veiller à ce que le produit soit placé ou orienté de manière à n'émettre aucun champ radioélectrique supérieur aux limites fixées pour le grand public par le ministère fédéral Santé Canada ; consultez le Code de sécurité 6 sur le site Web de Santé Canada à l'adresse : www.hc-sc.gc.ca/rpb. Comme indiqué auparavant, l'installateur ne peut pas contrôler l'orientation de l'antenne. Il peut néanmoins placer le produit tout entier de manière à provoquer le problème décrit ci-dessus.

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Europe

Sonos declares that this product herewith complies with the requirements of the EMC Directive 2004/108/EC, Low Voltage Directive 2006/95/EC, Eco-Design Directive 2005/32/EC, RoHS Directive 2011/65/EU and the R&TTE Directive 1999/5/EC when installed and used in accordance with the manufacturer's instructions. A copy of the full Declaration of Conformance may be obtained at www.sonos.com/support/policies.

⚠ Attention In France, operation is limited to indoor use within the band 5150-5350 MHz.

SonosNet is the propriety wireless mesh network architecture designed to provide robust transmission of high fidelity streaming digital music. All Sonos players within the SonosNet mesh network act as both a client and access point simultaneously. Each Sonos player expands the range of SonosNet mesh network because while each device must be within range of at least one other Sonos player, they do not need to be within range of a central access point. In addition to extending the range between Sonos products, SonosNet can extend the range of other data networking devices within the home, such as Android devices directly connected to SonosNet. Due to the high network availability requirements of the SonosNet mesh network, Sonos players do not have a standby or off mode other than removing the power cord from the AC mains.

RF Exposure Requirements

To comply with FCC and Industry Canada exposure essential requirements, a minimum separation distance of 20cm (8 inches) is required between the equipment and the body of the user or nearby persons.

Recycling Information



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead please deliver it to the applicable collection point for the recycling of electrical and electronic equipment. By recycling this product correctly, you will help conserve natural resources and prevent potential negative environmental consequences. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.