



**WAM7500/WAM7501/WAM6500/WAM6501**

# Wireless Audio - 360 R7/R6 Portable **User Manual**

imagine the possibilities

Thank you for purchasing this Samsung product.  
To receive more complete service,  
please register your product at  
[www.samsung.com/register](http://www.samsung.com/register)

# Contents

## GETTING STARTED

Accessories.....	4
Front Panel.....	5
Rear Panel - WAM6500/WAM6501 ..	7
Standby Mode.....	7

## CONNECTING TO THE WI-FI NETWORK

Preparing connection.....	8
Installing the Samsung Multiroom App..	8
Accessing the Samsung Multiroom App.....	8
Connecting to Wi-Fi.....	9
Connecting to Wi-Fi automatically (Android/iOS).....	9
Connecting to Wi-Fi manually (Android) .....	11
Connecting to Wi-Fi manually (iOS)....	13
Connecting with a HUB (Not Included) .....	16
Adding a HUB .....	19
Adding additional speaker(s).....	20

## CONNECT WITH BLUETOOTH FUNCTION

Connecting to Bluetooth Devices..	22
-----------------------------------	----

## USING THE SAMSUNG MULTIROOM APP

App at a glance .....	23
Playing Music .....	24
Playing a music file stored in the smart device .....	24
Listen to the music through the phone speaker .....	25
Listening to streaming music .....	26
Listening to the internet radio .....	27
Following a station .....	28
Setting Presets.....	29
Connecting TV to the speaker .....	30
Connecting to TV via bluetooth (TV SoundConnect) .....	30
Connecting to TV via Wi-Fi .....	32
Listening to music from other devices in network .....	33
Using playback menu .....	33
Adjusting Equaliser and DRC.....	34
Managing a queue .....	35
Managing a playlist.....	37

Using the Settings menu.....	40
Add Speaker .....	40
Guide .....	41
Services .....	41
Speaker Mode .....	42
Device Settings .....	42
Clock .....	45
Support.....	47
Information.....	47

## CONNECTING MULTIPLES PRODUCTS

Setting Groups .....	48
Setting the Surround Sound Mode.....	50

## USING MISCELLANEOUS FUNCTIONS

Playing Media Content Saved in a PC.....	52
Samsung Link .....	52
Wireless Audio - Multiroom for Desktop .....	53

## APPENDIX

Troubleshooting .....	55
Open Source License Notice .....	57
Licences.....	57
Specifications .....	58
Regulatory Compliance Statements.....	60
Warning .....	60
CAUTION.....	60
CAUTION.....	60
Wiring the Main Power Supply Plug (UK Only).....	61
Important Safety Instructions.....	61
Safety precautions .....	62
Power Supply Precautions .....	62
Installation Precautions.....	63
Usage Precautions .....	63
Cleaning Precautions .....	64
Additional Information .....	64
About the Network Connection .....	64
Compatible products.....	65
Copyright .....	65

# Getting Started

## Accessories

Confirm you have the supplied accessories shown below.

- WAM7500/WAM7501



Quick Setup Guide

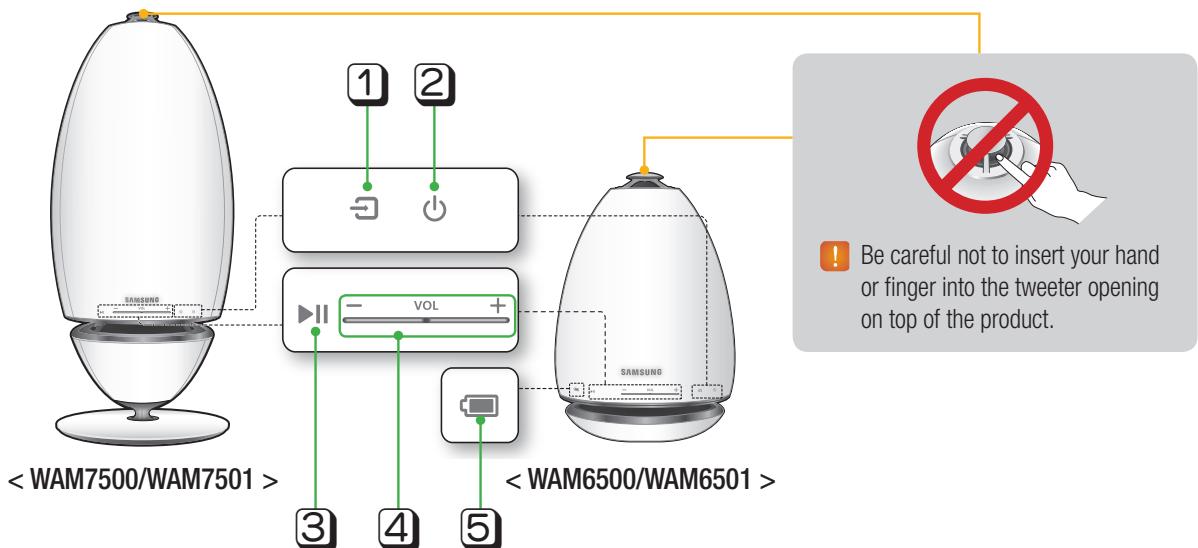
- WAM6500/WAM6501



Power Adapter

Quick Setup Guide

## Front Panel



1	<b>Source button</b> (TV SoundConnect or Bluetooth)	Touch this button to switch to TV SoundConnect or Bluetooth. Touch and hold this button for more than 5 seconds to re-search TV SoundConnect.
2	<b>Standby button</b> (power)	Touch this button to switch to Standby mode (in which the product turns off the basic operation of its product and maintains Wi-Fi connections only).  If you touch and hold this button for 5 seconds, the product turns off. (WAM7500, WAM7501 only)
3	<b>Play/Pause button</b> (▶  )	Touch this button to play or pause playback. The sound is muted when TV SoundConnect function is enabled.
4	<b>Volume Control button</b> (VOL - +)	Controls the volume level. Press the + key to increase the volume level and press the - key to decrease the volume level. Press and hold both the + and - buttons simultaneously for 5 seconds to reset the product.

## Battery Status ( ) (WAM6500, WAM6501 Only)

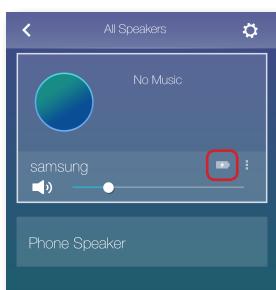
You can check product's battery status through the LED indicator under the battery icon.

Battery LED indicator when power adapter is connected.	Battery LED indicator when power adapter is not connected.
<ul style="list-style-type: none"> <li>• Red LED : Charging.</li> <li>• LED OFF : Fully charged.</li> <li>• Rapid red blinking : Not charging.</li> </ul>	<ul style="list-style-type: none"> <li>• Green LED : 100% to 10% of charge remaining.</li> <li>• Slow red blinking : 10~0% remaining.</li> <li>- Slow red blinking indicates that the battery requires charging. Connect the power adapter.</li> <li>- You can play the product for 6 hours with fully charged battery. (The playback time may differ depending on music source, volume, battery status, etc.)</li> <li>- The sound volume may decrease and the product may turn off automatically when the battery is low.</li> </ul>



## NOTES

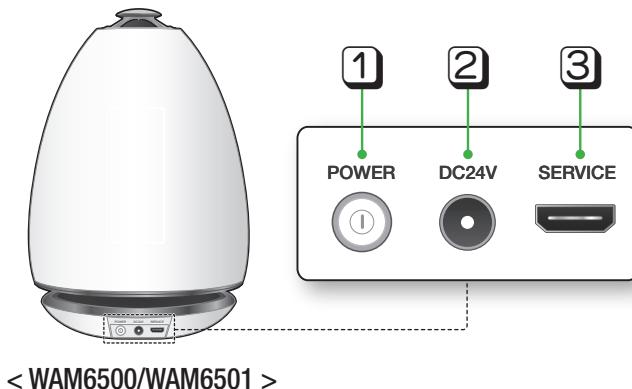
- ✓  +  **Add Speaker** : Press and hold both buttons simultaneously for 5 seconds to use the **Add Speaker** function.
- ✓  +  **Wi-Fi Setup** : Press and hold both buttons simultaneously for 5 seconds when connecting this product to your network using the **Wi-Fi Setup** method.
- For more details, follow the instructions in the app on your smart device.
- ✓ You can check battery status connected to the product in the App. (WAM6500, WAM6501 Only)



Whole icon flashes. (flashing)	Less than 10% of battery energy is left.
	Charging.
	If volume 25 or above. - Will not charge. Reduce to below volume 25 to charge.
Whole icon flashes. (flashing)	Abnormal charge. - Try charging the product within the charging temperature range (5°C to 35°C).

- ✓ 1 bar represents about 30% of battery life. 3 bars represent the whole battery life. (WAM6500, WAM6501 Only)  
(Remaining battery display may vary depending on sound source and volume.)

## ■ Rear Panel - WAM6500/WAM6501



< WAM6500/WAM6501 >

1	<b>POWER</b>	To turn the product on or off, press and hold this button for more than 2 seconds.
2	<b>DC 24V</b>	The connection for the product's power adapter.  Charging stops if the volume level reaches 25 or more. (The maximum volume level of this product is 30.)
3	<b>SERVICE</b>	For service only. Lets service technicians update the firmware of the product.

## ■ Standby Mode

### ■ In Wi-Fi / Bluetooth / TV SoundConnect mode

- The product switches to Standby mode if there is no operation (music playing, button operation, app use) for 15 minutes.



### NOTES

- ✓ While playing music in the Wi-Fi, Bluetooth, or TV SoundConnect connection modes, the product will not switch to Standby mode.
- ✓ The WAM6500 and WAM6501 models use battery power if the power adapter is disconnected and the Standby mode is activated.  
(You can minimize battery consumption by pressing the **① POWER** button on the rear of the product and turning the product off.)

# Connecting to the Wi-Fi network

## ■ Preparing connection



- 1 Requirements: Wireless Router, Smart Device
- 2 The wireless router should be connected to the Internet.
- 3 The smart device should be connected to the router via a Wi-Fi connection.

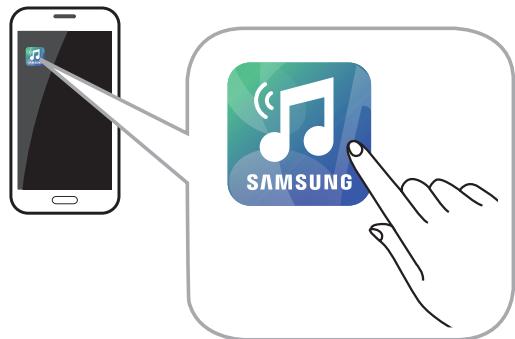
## ■ Installing the Samsung Multiroom App

To use the product, you must download and then install the **Samsung Multiroom** App by accessing the app through Google play or App Store.

With the **Samsung Multiroom** App installed, you can play music stored in your smart device, from connected devices and other content providers, and from Internet radio stations through the product.

Android	iOS
Market search : <b>Samsung Multiroom</b> 	Market search : <b>Samsung Multiroom</b> 

## ■ Accessing the Samsung Multiroom App

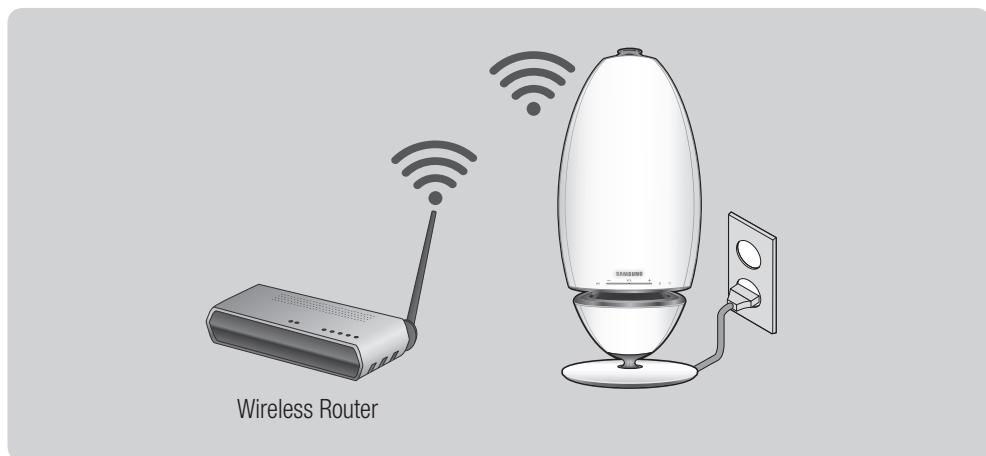


### NOTE

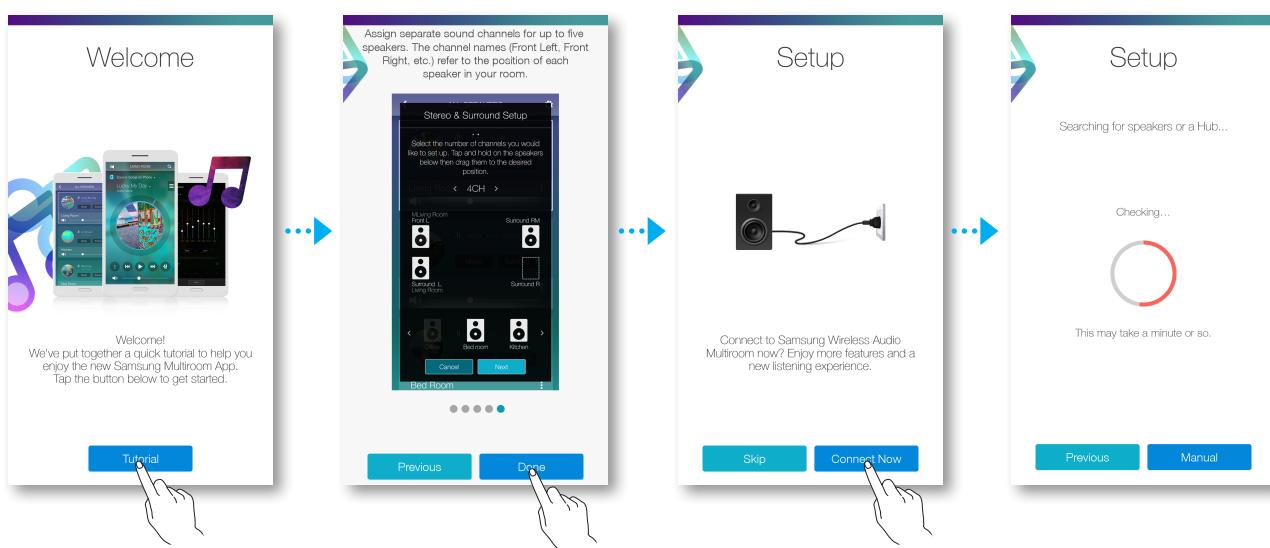
- ✓ Please terminate the **Samsung Multiroom** App when speaker are not used because the battery of your smart device can be consumed quickly if the app is working.

## Connecting to Wi-Fi

### Connecting to Wi-Fi automatically (Android/iOS)



- 1 Plug the product into an electrical outlet.
- 2 On your Smart device, select the **Samsung Multiroom** app.
- 3 Run the **Tutorial** if you want, and then press **Done**.
- 4 Press **Connect Now**.
  - It searches for the device available for pairing.

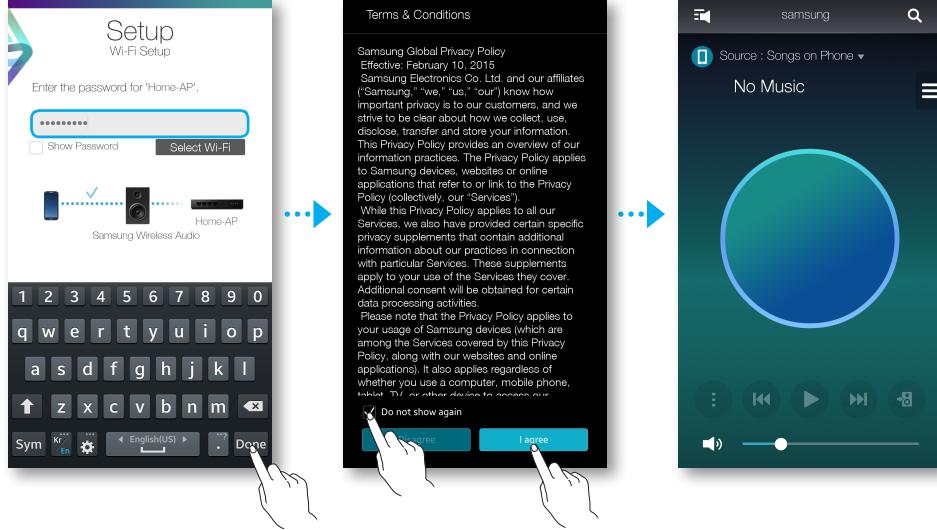


**5** Once an available device is found, it attempts to connect to the wireless network. In case of secure network, the password prompt appears on the smart device screen. Use the on-screen keyboard to enter the password.

- Depending on the network environments, the product(s) may not be automatically connected. In such cases, select the **Manual**, and then proceed the next steps by referring to pages 11~15. [Click here.](#)

**6** Press **Done**.

- Network connection is completed.



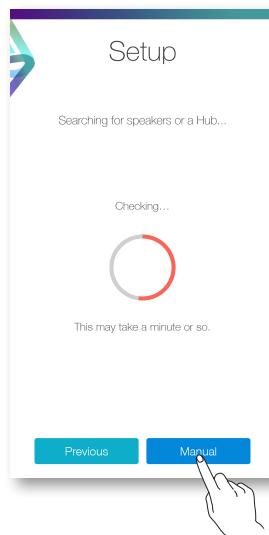
## NOTES

- ✓ To connect to your wireless network safely, you must enter the valid password.
  - For connecting to the home or work wireless network, consult your service provider or the network administrator.
- ✓ If the product fails to connect to a network or the network connection does not work normally, move the product closer to the hub or router, and then try again.
- ✓ The distance between devices or obstruction and interference from other wireless devices may influence communication between the product and network.
- ✓ This product may be found by some other Wi-Fi devices. However, they are not allowed to connect to this product.
- ✓ Once the Wi-Fi connection is established initially, it is maintained unless the wireless router is replaced or its network settings are changed.

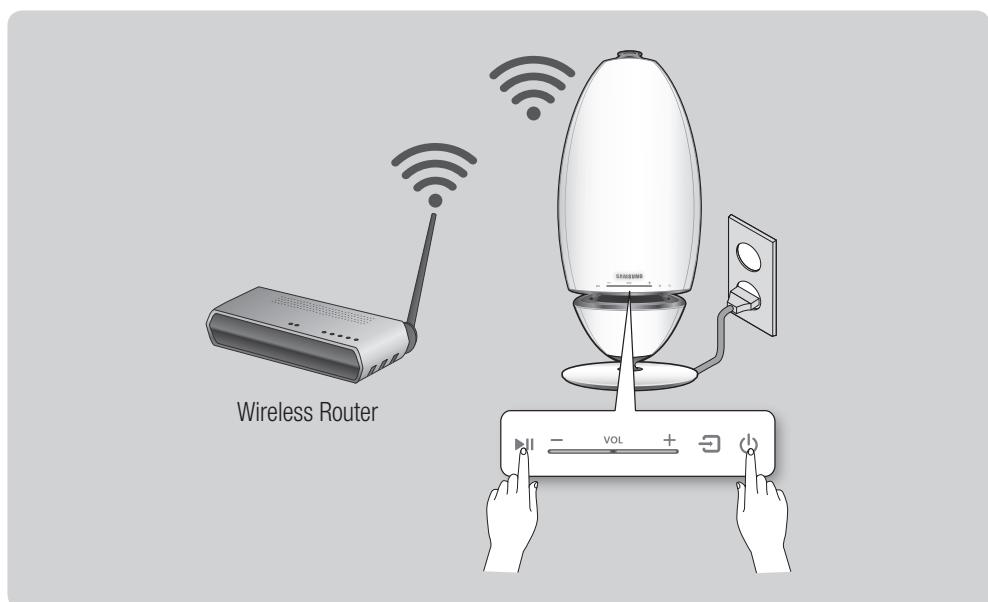
## ■ Connecting to Wi-Fi manually (Android)

Depending on the network environments, the product(s) may not be automatically connected. In that case, you can set up the product manually to connect to the network.

- 1 If the automatic setup fails, select the **Manual**.

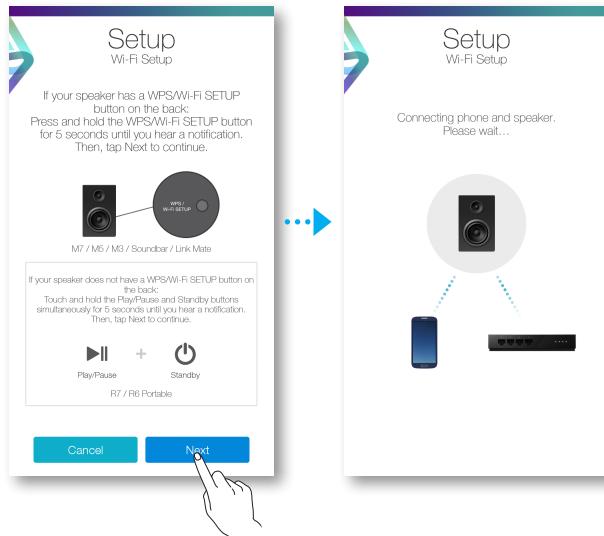


- 2 Press and hold both **▶|| Play/Pause** and **⏻ Standby** buttons simultaneously for more than 5 seconds to configure the **Wi-Fi Setup**.
  - The product can wait for 2 minutes in its standby mode until the Wi-Fi connection is established.



**3** On your smart device, press **Next**.

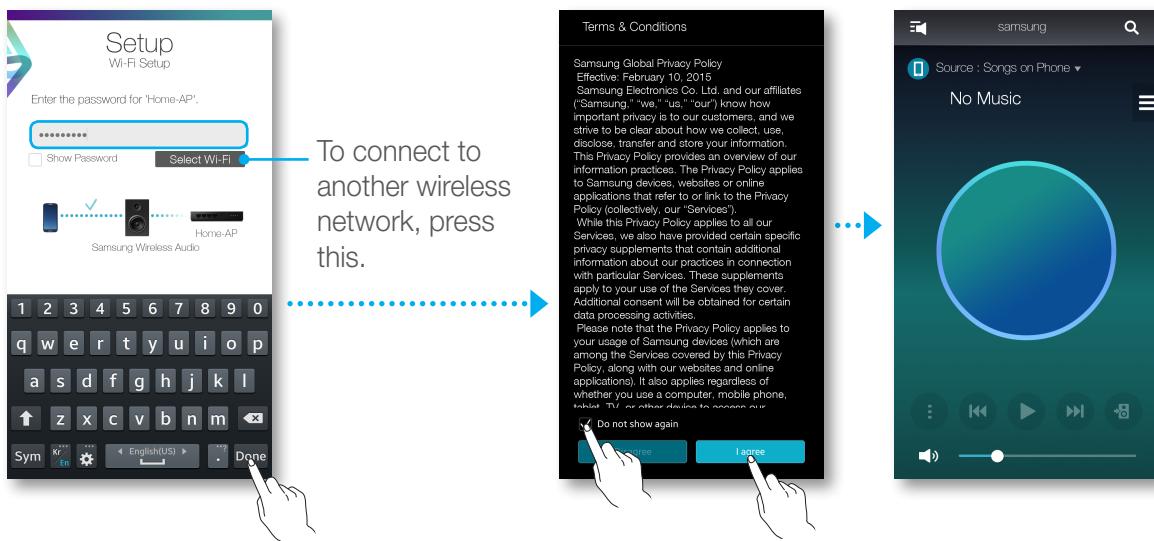
- It searches for the device available for pairing.



**4** Once an available device is found, the product tries to connect to the newly found smart device first, then it attempts to connect to the wireless network. In case of secure network, the password prompt appears on the smart device screen. Use the on-screen keyboard to enter the password.

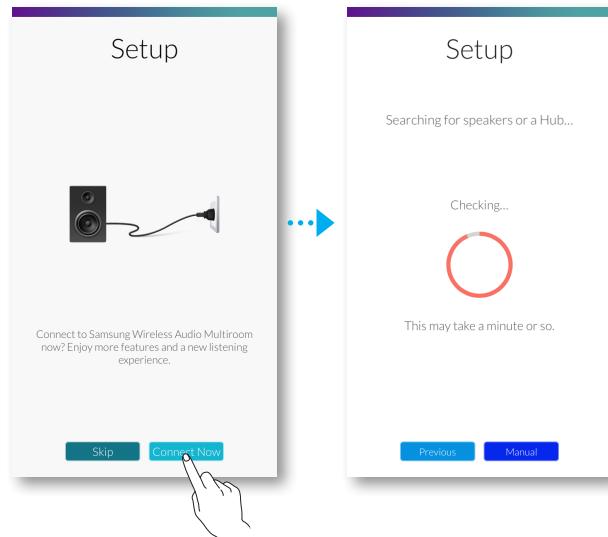
**5** Press **Done**.

- Network connection is completed.

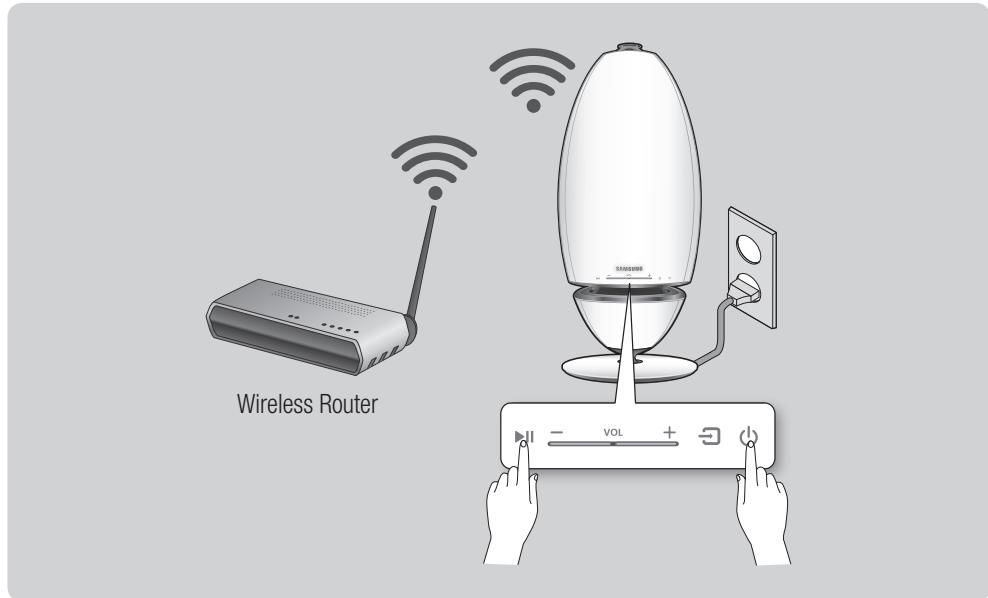


## ■ Connecting to Wi-Fi manually (iOS)

- 1 If the automatic setup fails, select the **Manual**.

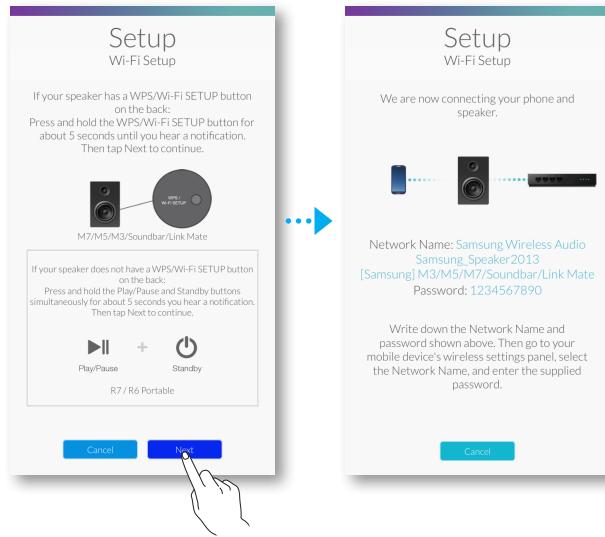


- 2 Press and hold both **▶|| Play/Pause** and **∅ Standby** buttons simultaneously for more than 5 seconds to configure the Wi-Fi Setup.
  - The R7/R6 can wait for 2 minutes in its standby mode until the Wi-Fi connection is established.



**3** On your smart device, press **Next**.

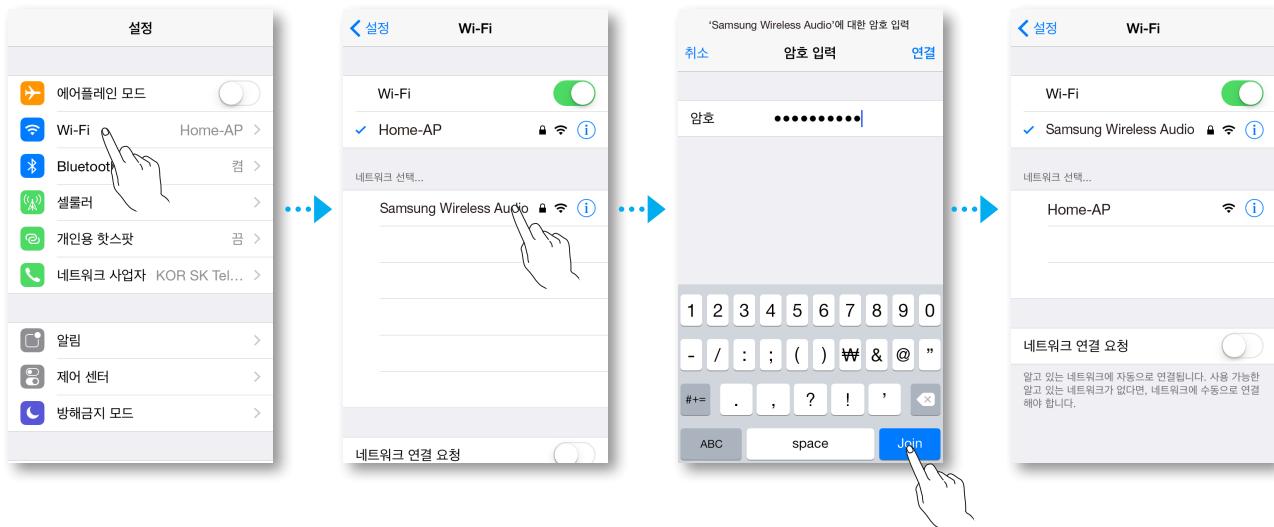
- It searches for the device available for pairing.



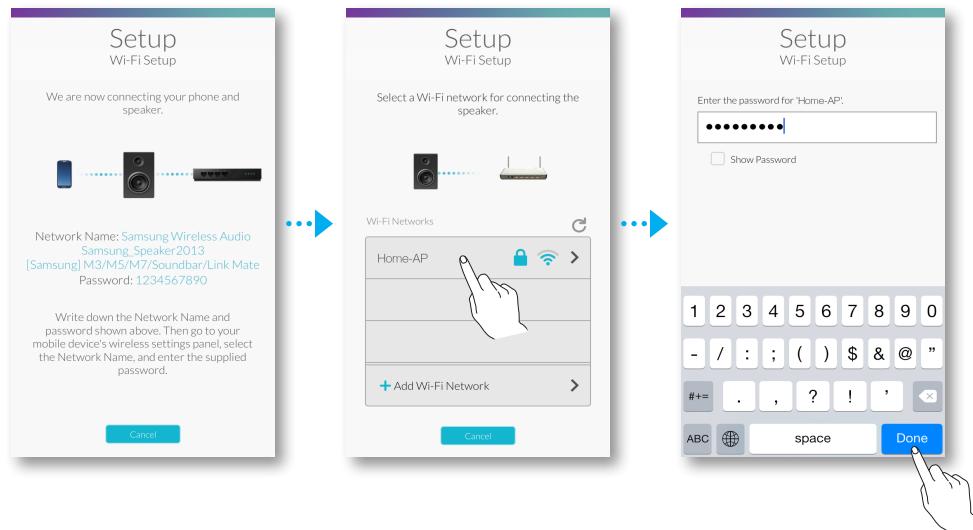
**4** Go to **Settings** → **Wi-Fi** in iOS, and then select the **Samsung Wireless Audio**.

**5** To connect your smart device to the R7/R6, use the keyboard that appears to enter your password.

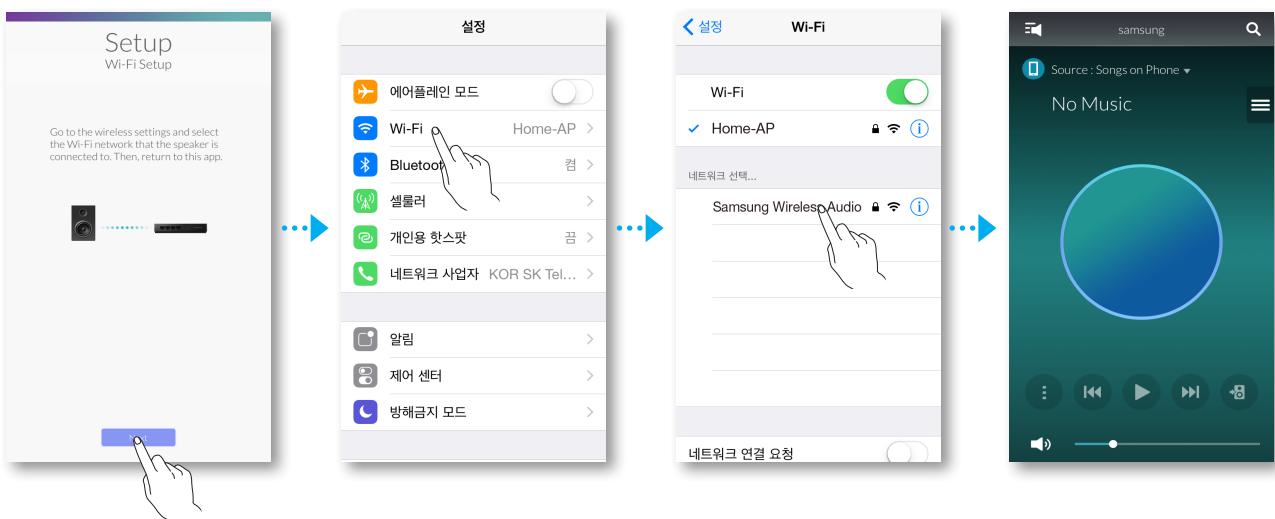
- The default password is **1234567890**.
- The R7/R6 and the smart device are connected to each other.



- 6 Go back to the **Samsung Multiroom** app.
- 7 Select **Next**.
- 8 From the wireless network list, select the desired one for R7/R6 connection.
- 9 In case of secure network, the password prompt appears on the smart device screen. Use the on-screen keyboard to enter the password.
  - Once you finish entering, the R7/R6 connects to the network.

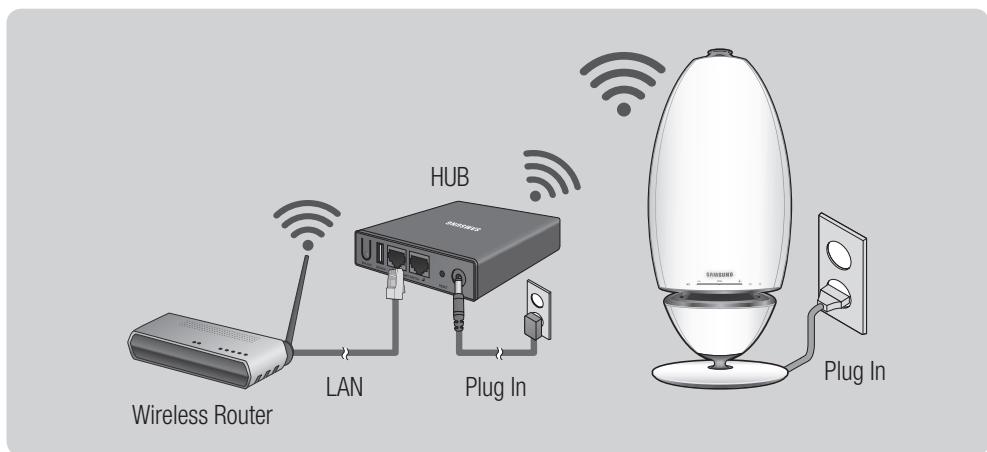


- 10 Go to **Settings** → **Wi-Fi** in iOS, and then select the network which the R7/R6 is connected to.  
(The R7/R6 and the smart device should be connected to the same wireless router.)
  - The smart device connects to the network.
- 11 When the R7/R6 is completely connected, press **Next**.
- 12 Go back to the **Samsung Multiroom** app.
  - All network connections are finished.



## Connecting with a HUB (Not Included)

- If the product fails to connect to your network or its network connection operates abnormally, place the product closer to the HUB or your router and try again.
- The product is a wireless network device. Its communications with your network may be disrupted because of the distance between it and other devices on the network, obstructions, or interference from other wireless devices.



- 1 Connect a LAN cable to the router and the **ETHERNET SWITCH** on the back of the HUB.



### NOTE

- ✓ You can connect the LAN cable to any **ETHERNET SWITCH** Port on the HUB.

- 2 Attach the HUB's power cord to the power port on the rear of the HUB, and then plug the power cord into an electrical outlet.
- 3 The power (  $\text{\textcircled{P}}$  ) and the HUB (  $\text{\textcircled{Y}}$  ) indicators on the HUB's front turn on. When the pairing indicator (  $\text{\textcircled{W}}$  ) begins to flash, plug the product(s) into an outlet. The LED indicator on the product starts to flash. If the HUB's pairing indicator does not flash, press the **SPK ADD** button on the rear of the HUB.



### NOTE

- ✓ If you are adding multiple Products, connect all the Product's to electrical outlets. If you are not connecting all the Products, refer to pages 20~21. [Click here.](#)

**4** Wait until the LED indicator on the Product stops flashing. If the Product's LED indicator turns solid blue, pairing is complete. The Product may also beep.

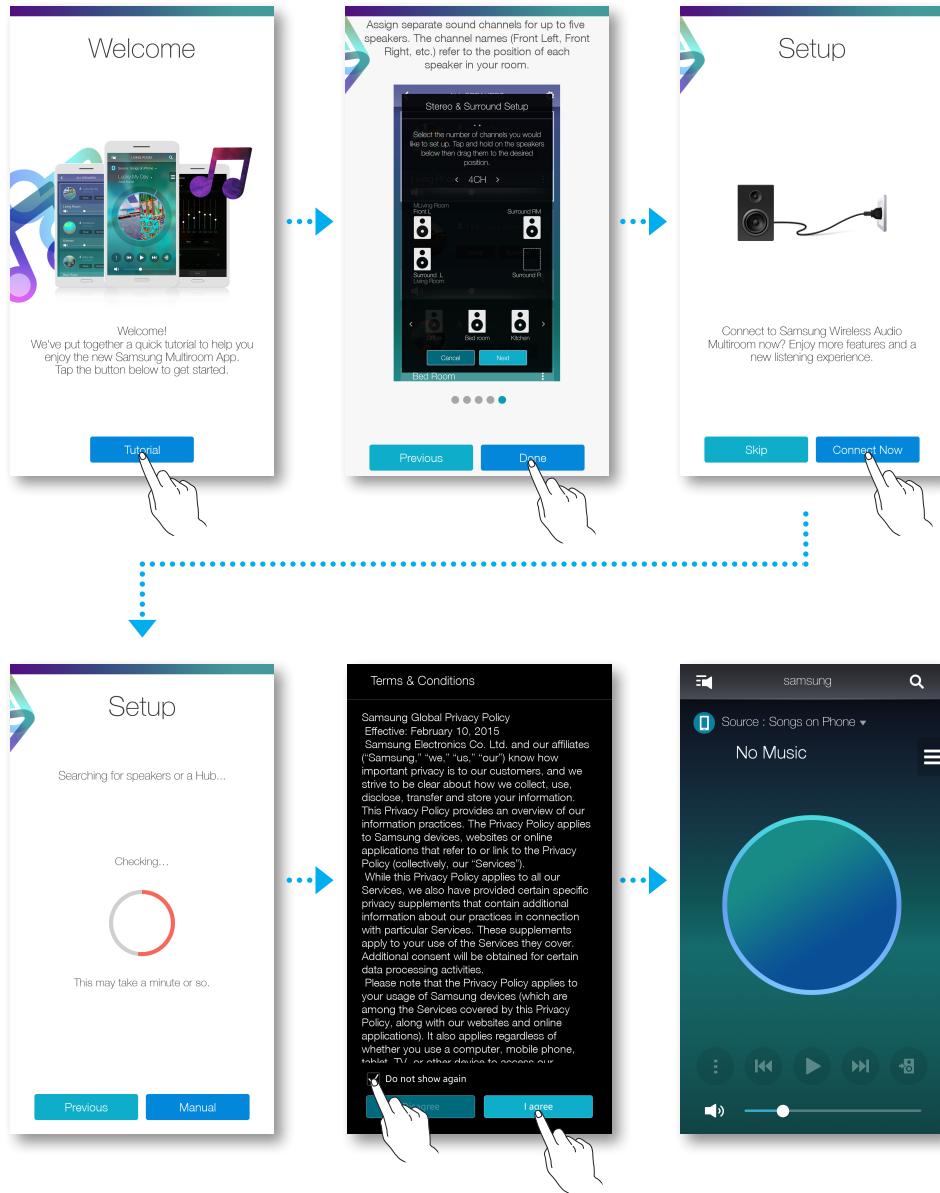


## NOTES

- ✓ Place each Product at least 20 inches (50 cm) from the HUB when connecting them to the HUB.
- ✓ Your smart device cannot connect to the Product or the HUB if there is no wireless router.
- ✓ To confirm you have a proper connection, check the pairing indicator on the front of the HUB.
  - When you turn on the HUB for the first time, there is a 20 minute pairing period. The pairing indicator (  ) will blink for these 20 minutes or until pairing occurs. When you press the **SPK ADD** button to pair additional Products, the pairing period is reduced to 10 minutes. The pairing indicator (  ) flashes for 10 minutes or until pairing occurs. Turn on the Product you want to pair while the pairing indicator is flashing.
  - If pairing mode is turned off, start pairing mode again by pressing the **SPK ADD** button on the rear side of the hub and restart the product, or press and hold both  **Source** and  **Standby** buttons at the same time for more than 5 seconds.
- ✓ For a proper connection, connect the HUB to your router before turning on the Product.
  - Connecting the Product to the HUB may take a few minutes.
  - There will be a brief sound when the connection is established.

**5** Connect your smart device to your Wi-Fi network. (The HUB and the smart device should be connected to the same router.)

- 6 Download the **Samsung Multiroom** app from Google Play or the App Store.
- 7 On your smart device, select the **Samsung Multiroom** app. Setup starts.



- 8 If the automatic setup fails, run the App again.

## ■ Adding a HUB

An product and a HUB may not pair successfully if the product and HUB are too far apart or are on different floors.

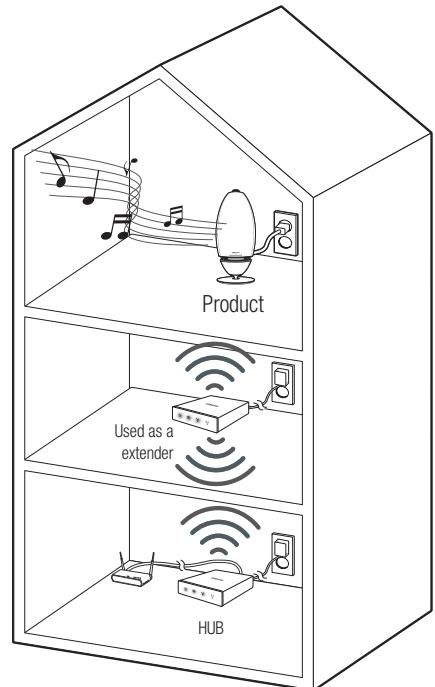
In such cases, you can link two HUBs together by setting the second HUB to Repeater mode. The additional HUB amplifies the signal and lets you pair the product to the closest HUB.

- 1 Set the HUB that is connected to the wireless router to Pairing mode by pressing its **SPK ADD** button for 1 second.
- 2 Plug in the new HUB you are using as an extender, and then press its **SPK ADD** button for 10 seconds.
- 3 The newly added HUB's LED indicators turn off and on, and it switches to Repeater mode.
- 4 Once the connection between the two HUBs has been established, the added HUB's (  ) indicator stops blinking.



### NOTES

- ✓ If your smart device is not connected to the wireless router with a Wi-Fi connection, the product will not appear on the **Samsung Multiroom** app.
- ✓ Place the HUB that is in Repeater mode in an appropriate location between the product and the HUB that is connected to the wireless router.
- ✓ You can set only one HUB to Repeater mode.



## Relocating the product

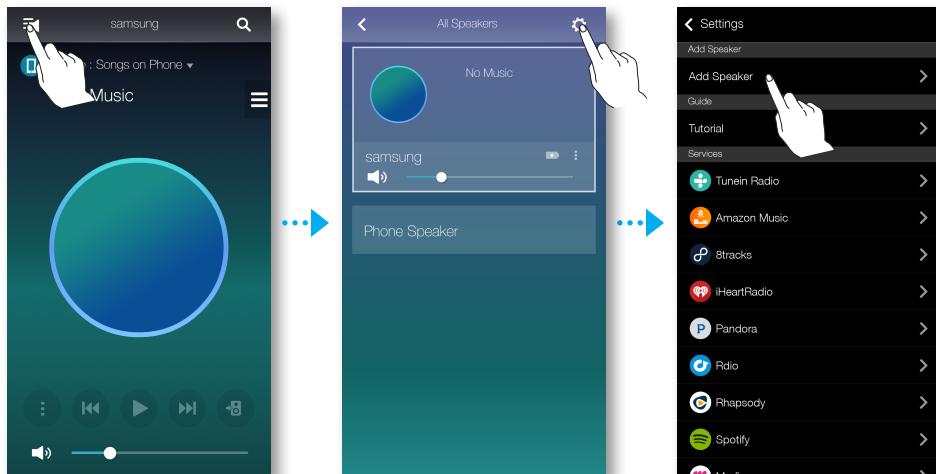
When relocating your product, refer to the below table.

Wireless router HUB	If you want to connect your product to the current wireless router.	If you want to connect your product to a different wireless router.
Without a HUB	Turn off the product, relocate it and then turn it on.	Turn off the product, relocate it, then establish the new connection as described in the installation instructions on pages 9 through 15. <a href="#">Click here.</a>
With a HUB		Connect a LAN cable between the HUB and the new wireless router, turn on the HUB, and then turn on the product.

## Adding additional speaker(s)

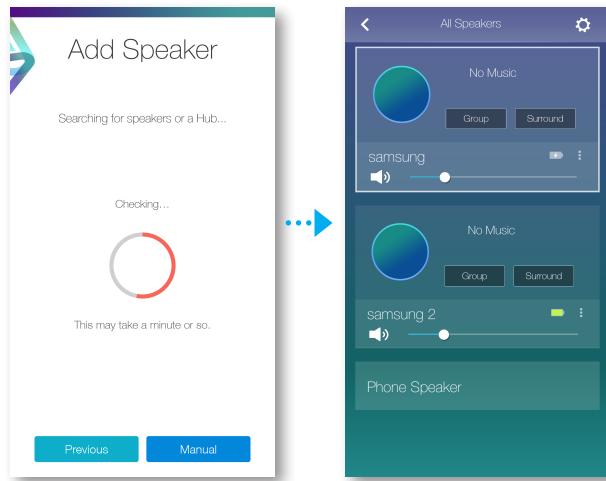
To add additional speaker(s) to an existing speaker connection, use Add Speaker function.

- 1** Connect the power cable of the speaker to be added to a wall outlet.
  - If connecting the power cable of the speaker to a wall outlet, the Wi-Fi is automatically switched into standby mode.
  - The speaker can wait for 2 minutes in its standby mode until the Wi-Fi connection is established.
- 2** Run the **Samsung Multiroom** app on your smart device.
- 3** Press  to view the list of all speakers.
- 4** Press .
- 5** Press **Add Speaker**.



- 6** Once an available device is found, it attempts to connect to the wireless network. In case of secure network, the password prompt appears on the smart device screen. Use the onscreen keyboard to enter the password.
  - Depending on the network environments, the speaker(s) may not be automatically connected. In such cases, refer to pages 11~12 [Click here.](#) for Android, or pages 13~15 [Click here.](#) for iOS devices to continue.

7 The additional new speaker is completely added.



# Connect with Bluetooth function

## Connecting to Bluetooth Devices

You can connect the product to a Bluetooth device to enjoy the music stored in your Bluetooth device.

- 1 Turn on the speaker, and then press the  **Source** button on its top panel.
- 2 Turn on the Bluetooth function of your smart device, and then select **Search**.
- 3 Select the **[Samsung] R7** or **[Samsung] R6 Portable**.

The Bluetooth connection between the smart device and the product is made.

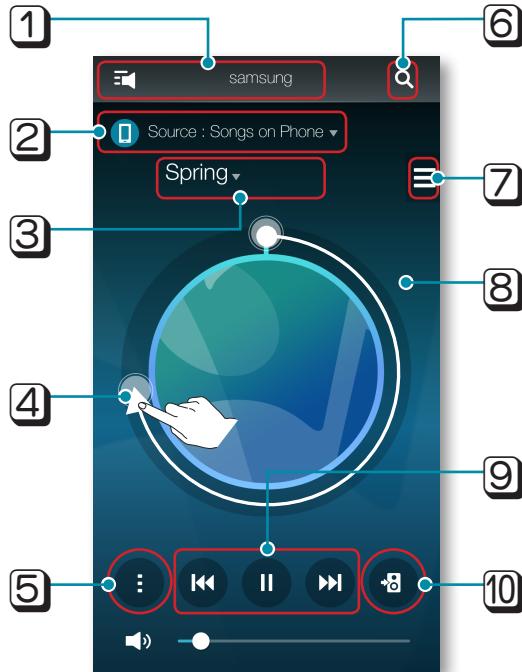


### NOTES

- ✓ A Bluetooth device may cause noise or malfunction, depending on usage, when:
  - A part of your body is in contact with the receiving/transmitting system of the Bluetooth device or the product.
  - It is subject to electrical variation from obstructions caused by a wall, corner, or by office partitioning.
  - It is exposed to electrical interference from same frequency-band devices including medical equipment, microwave ovens, and wireless LANs.
- ✓ Pair the product with the Bluetooth device while they are close together.
- ✓ Bluetooth connection mode, the Bluetooth connection will be lost if the distance between the product and the Bluetooth device exceeds 32 feet (10 m). Even within range, the sound quality may be degraded by obstacles such as walls or doors.
- ✓ This product may cause electric interference during its operation.
- ✓ The product supports SBC data (44.1kHz, 48kHz).
- ✓ The AVRCP feature is not supported.
- ✓ Connect only to a Bluetooth device that supports the A2DP (AV) function.
- ✓ You cannot connect to a Bluetooth device that supports only the HF (Hands Free) function.
- ✓ Only one Bluetooth device can be paired at a time.
- ✓ If you unplug the product, the Bluetooth connection is terminated. To re-establish the connection, plug the product into an outlet, and then set the Bluetooth connection again.

# Using the Samsung Multiroom App

## ■ App at a glance

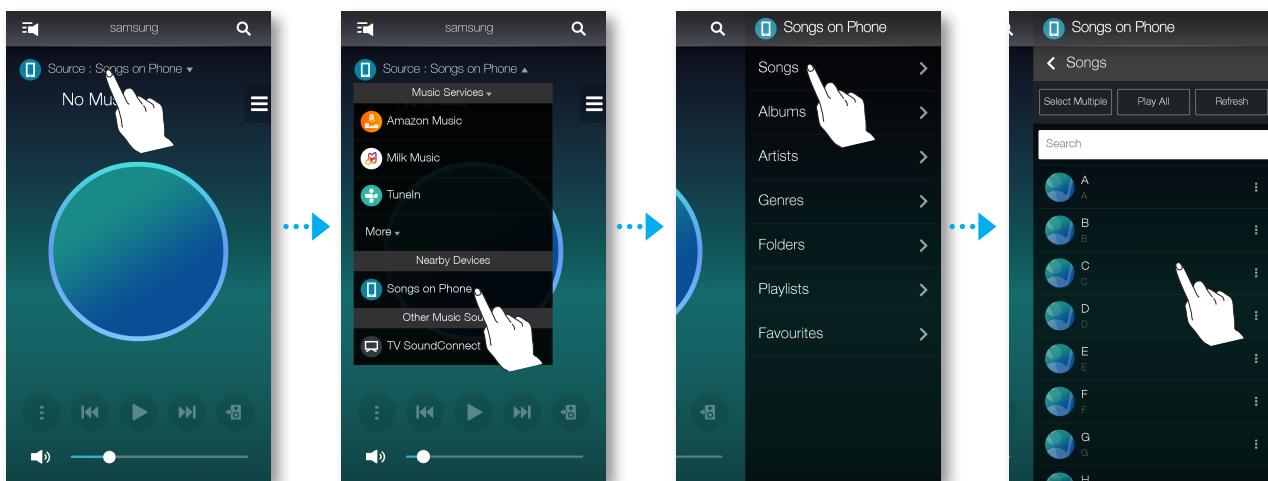


1	Check the full list of connected products to either change or setup.
2	Change sound source.
3	Either check the queue or edit the playlist.
4	Rotate while dragging the wheel to select a music from the queue. Release the wheel to play the music. - You can select a music by turning the inside of the wheel.
5	Play menu
6	Enter a keyword to search for the music desired.
7	Change to another song from the current source.
8	If you slightly touch the outside of the wheel on screen, you can go to the playback bar screen to check total playback time for all the music pieces.
9	Play, Pause, or Previous/Next Song
10	To change only the product of the music currently playing.

## Playing Music

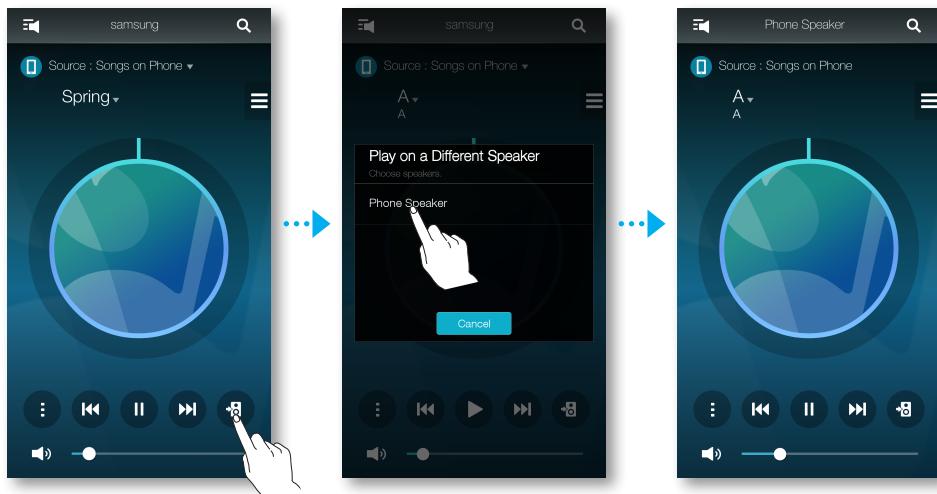
### Playing a music file stored in the smart device

- 1 Press **Source**.
- 2 Select the **Songs on Phone** (files stored in the smart device).
- 3 Press **=**, and then select your desired category.
  - **Songs** : Lists all the music files by name.
  - **Albums** : Lists all the music files by album.
  - **Artists** : Lists all the music files by artist.
  - **Genres** : Lists all the music files by genre.
  - **Folders** : Lists all the music files by stored folder.
  - **Playlists** : Lists all the music files by playlist.
  - **Favourites** : Lists all the music files marked as favourites.
- 4 After selecting a category, find and select your desired music.



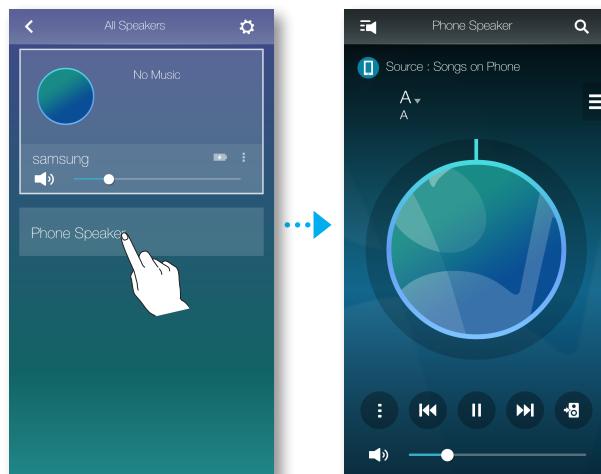
## ■ Listen to the music through the phone speaker

1 Press  in the home screen, and the select **Phone Speaker**.



Or

1-1 Select **Phone Speaker** from the list of **All Speakers**.



2 You can listen to the music stored in your mobile phone through the **Phone Speaker**.



### NOTES

- ✓ If Wi-Fi connection is not established, enjoy music through your **Phone Speaker**.
- ✓ You can enjoy only the music stored in your mobile phone through the **Phone Speaker**.

## Listening to streaming music

You can select your desired contents service to listen to music.

**1** Press **Source**.

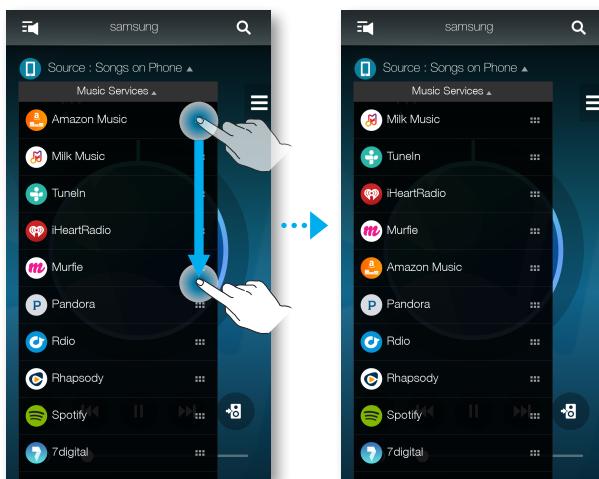
**2** Select **More**.

The entire list of **Music Services** is displayed.

**3** From the **Music Services**, select your desired service.



**4** Drag **⋮** to change the order of displayed music services.



### NOTES

- ✓ Depending on your region or manufacturer, supported content services may differ.
- ✓ Some music services may require you to sign up for a membership or log in.
- ✓ You may not subscribe to a service using your smart device.  
To use a for-pay service, first subscribe to the service through your computer.
- ✓ Some Tunein radio channels may be restricted according to their site policy.
- ✓ Supported music service may be added or deleted according to corresponding policy.

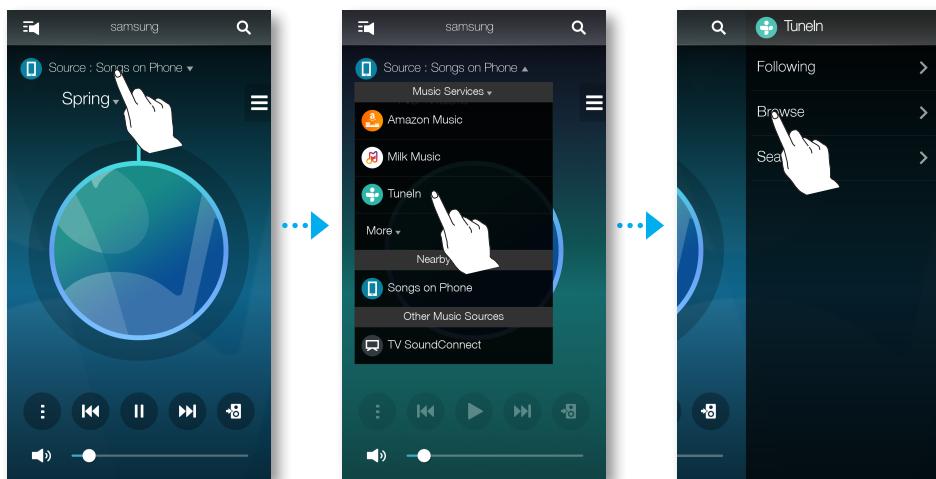
## Listening to the internet radio

1 Press **Source**.

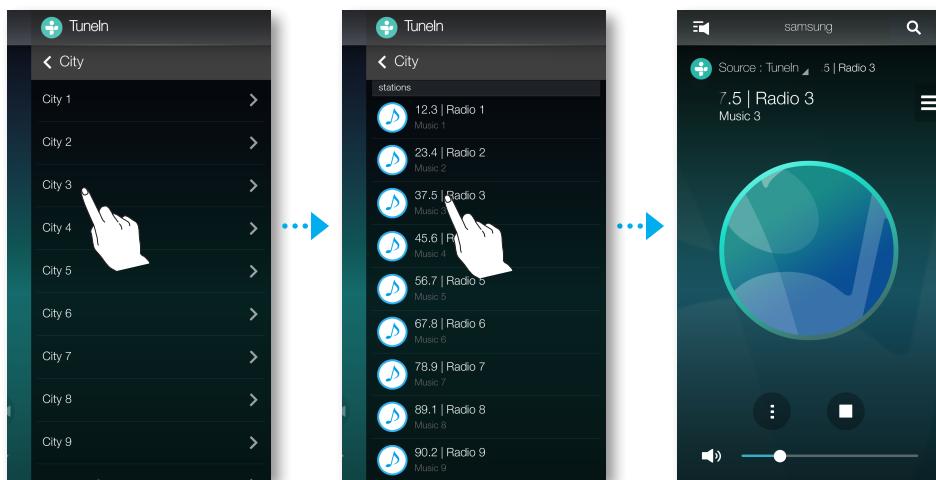
2 Select **Tuneln**.

3 Select your desired category.

- **Following** : Shows the list of stations added to the preset list or marked as you are following. By default, 3 radio stations are displayed in the preset list.
- **Browse** : Lists all supported Internet radio stations.
- **Search** : Allows you to search for a desired internet radio station using keypad input.



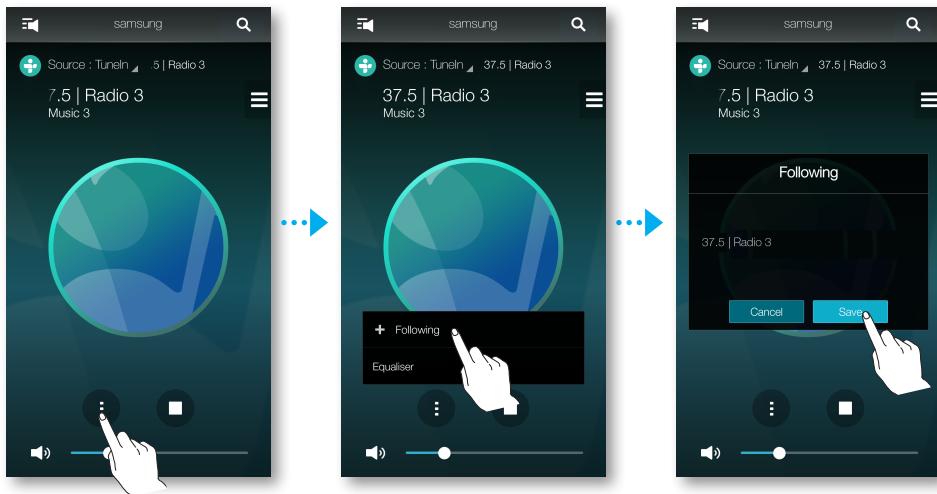
4 Find and select a station.



## ■ Following a station

You can add a channel to the **Following** list.

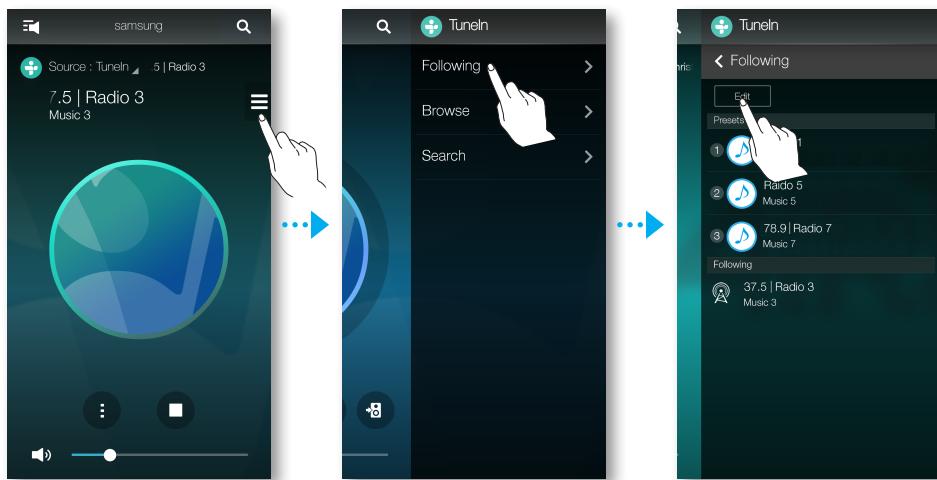
- 1 Select the desired channel.
- 2 Press  to display a popup menu, and then select **+ Following**.
- 3 Press **Save**.
  - The channel you are currently listening to is added to the **Following** list.



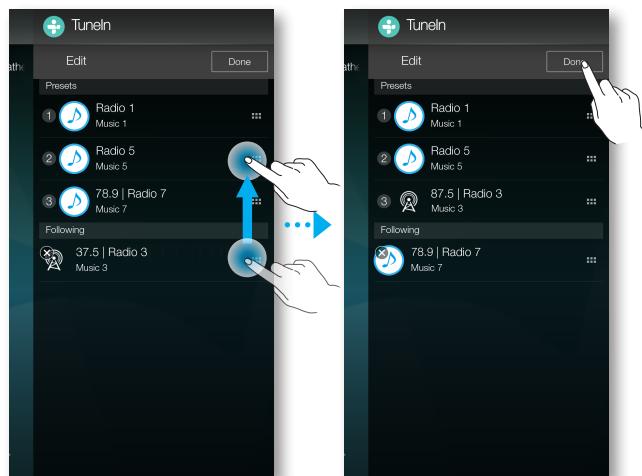
## ■ Setting Presets

You can add the internet radio channel you are following into the preset list, or rearrange the displaying order in the list.

- 1 Press **≡**, and then press **Following**.
- 2 Press **Edit**.



- 3 Drag the desired channel from the **Following** to the **Presets**.
- 4 To finish editing, press **Done**.

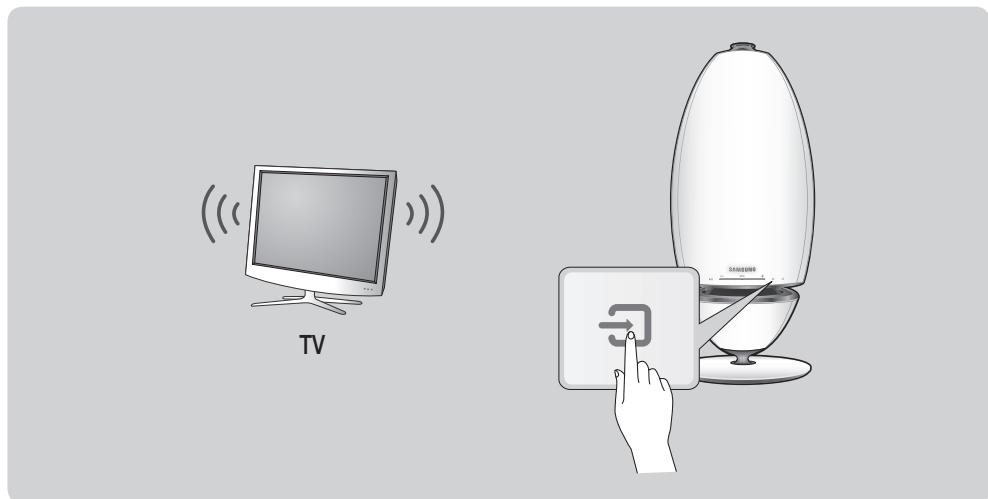


## ■ Connecting TV to the speaker

### ■ Connecting to TV via bluetooth (TV SoundConnect)

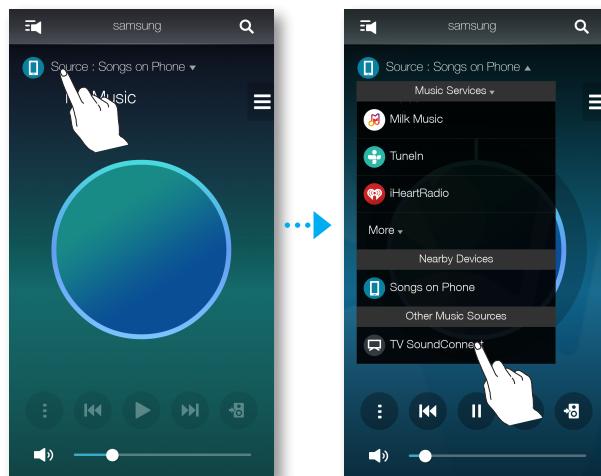
TV SoundConnect function allows you to conveniently connect Samsung TV to external speaker(s) wirelessly and enjoy the TV sound.

- 1 Turn on the speaker, and then press the  **Source** button on its top panel.



Or

- 1-1 Press **Source** in the home screen, and the select **TV SoundConnect**.



2 A message asking whether to proceed with Bluetooth pairing appears.



### NOTE

- ✓ Set **Add New Device** to **On** in the TV's TV SoundConnect Settings menu. (Refer to the TV's user manual for details.)

3 When a message appears to check whether to establish Bluetooth pairing or not, select **Yes**.

The product is paired to the TV.



### NOTES

- ✓ Press and hold the **Source** button for more than 5 seconds to reset the TV SoundConnect.
- ✓ Optimal pairing distance is 6.5 feet(2 m) or less.
- ✓ If you unplug the product, the TV SoundConnect connection is terminated. To re-establish the connection, plug the product into an outlet, and then set the TV SoundConnect connection again.
- ✓ When the speaker is in Standby mode, the TV SoundConnect connection is not terminated.
- ✓ Operational range of TV SoundConnect
  - Recommended pairing range: up to 6.5 feet(2 m).
  - Recommended operating range: up to 32 feet(10 m).
  - The connection may be lost or sound may stutter if the distance between the TV and the product exceeds 32 feet(10 m).
- ✓ The SoundConnect feature is available on some Samsung TVs released since 2012. Check whether your TV supports the SoundShare or SoundConnect function.  
(For further details, refer to the TV's user's manual.)
- ✓ Instability in the network environment may cause connection to be lost or sound to stutter.

## ■ Connecting to TV via Wi-Fi

- 1 Set the TV and speaker to the same Wi-Fi network.
- 2 Press **Source** at Home screen and select the TV to connect from **Other Music Sources** list.



- 3 A message appears to ask if you want to perform network pairing process to TV.
- 4 Select **Yes** to connect TV to the speaker.
- 5 You can enjoy music on TV through the speaker.

## ■ Listening to music from other devices in network

You can listen to music stored on another device that is connected to the same network.

Go to [www.samsung.com](http://www.samsung.com) to download and install the Wireless Audio - Multiroom for Desktop program.

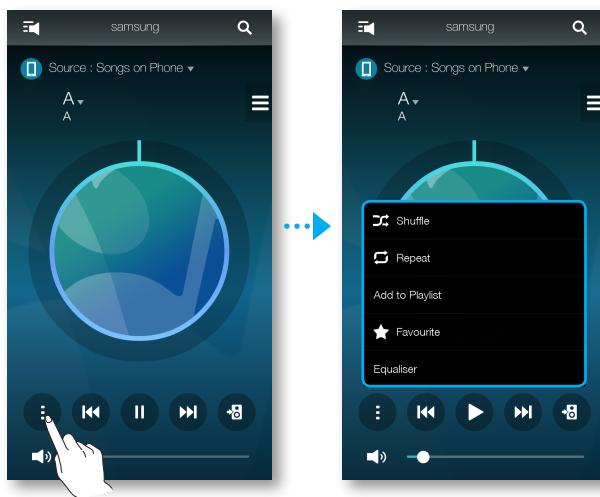
You can share music stored in your PC connected smart devices.

For details, refer to "Wireless Audio - Multiroom for Desktop" on pages 53~54. [Click here.](#)

- 1 Press **Source**.
- 2 From the **Nearby Devices**, select the desired device.
- 3 You can play music files stored in your selected device through the product.

## ■ Using playback menu

- 1 Press .
- 2 When a popup menu appears, select your desired function.
  - **Shuffle** : It randomly plays back music files from the standby list.
  - **Repeat** : It repeats the current music file or all the music files from the standby list.
  - **Add to Playlist** : Creates a new playlist or adds currently playing music into the current playlist.
  - **Favourite** : Adds the currently playing music file to the favourites list.
  - **Equaliser** : You can suitably adjust the volume of music currently playing by frequency depending on the genre, preference and place.

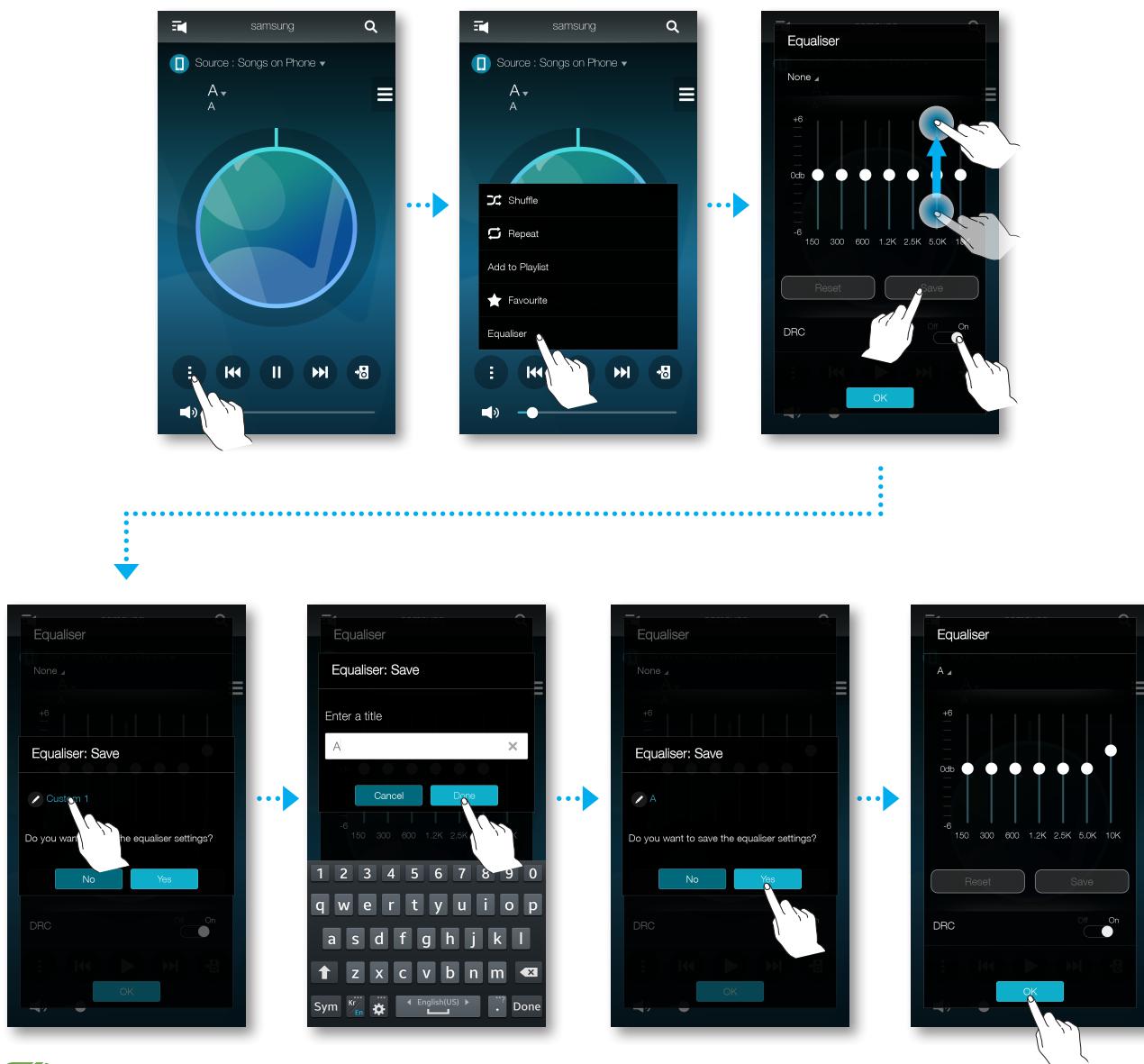


## Adjusting Equaliser and DRC

You can select one of the presets provided by default in the Equaliser option or create your own settings by adjusting the frequencies manually.

In addition, set **DRC** to **On** to change volume smoothly. If the volume is turned down, you can listen to the quiet and gentle voice clearly.

- 1 Press .
- 2 When a popup menu appears, press **Equaliser**.
- 3 To adjust the bass or treble frequency ranges, drag the slider up or down. Set **DRC**, and then press **Save**.
- 4 Press **Custom**, and then enter a name. Press **Done**.
- 5 Press **Yes**, and then select **OK**.



### NOTE

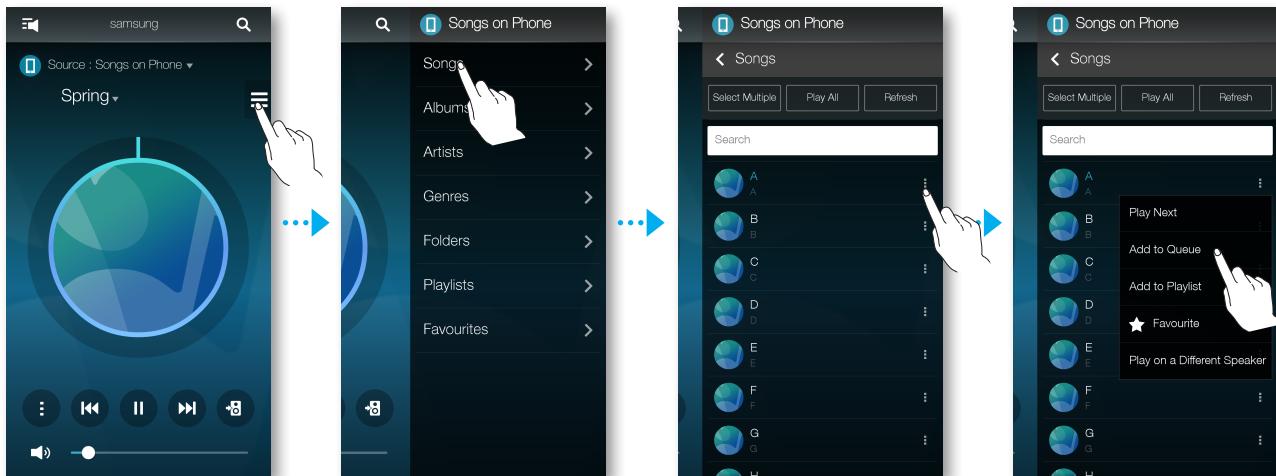
- ✓ This function is not available if speakers are grouped.

## ■ Managing a queue

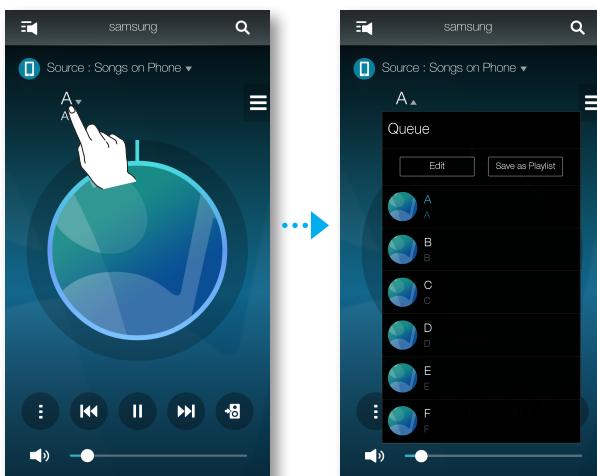
### ■ Adding music to the queue

You can add new music to the current music list or edit the music list.

- 1 Press , and then select **Songs**.
- 2 Select  of the music to add, and then select **Add to Queue**.  
(Select **Select Multiple** to save multiple music pieces in the **Queue** at the same time.)



- 3 Select the music title at Home screen to check the saved **Queue**.

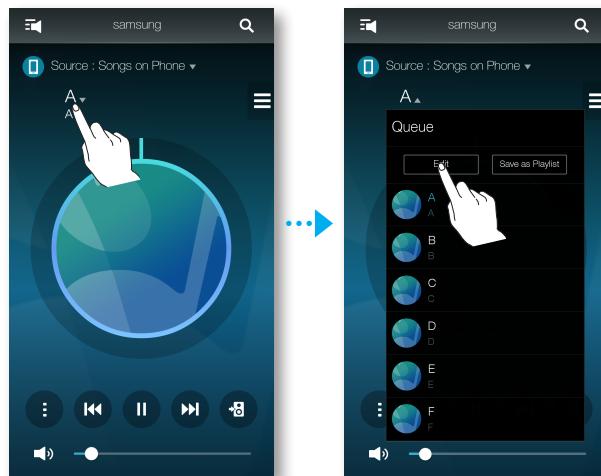


### NOTES

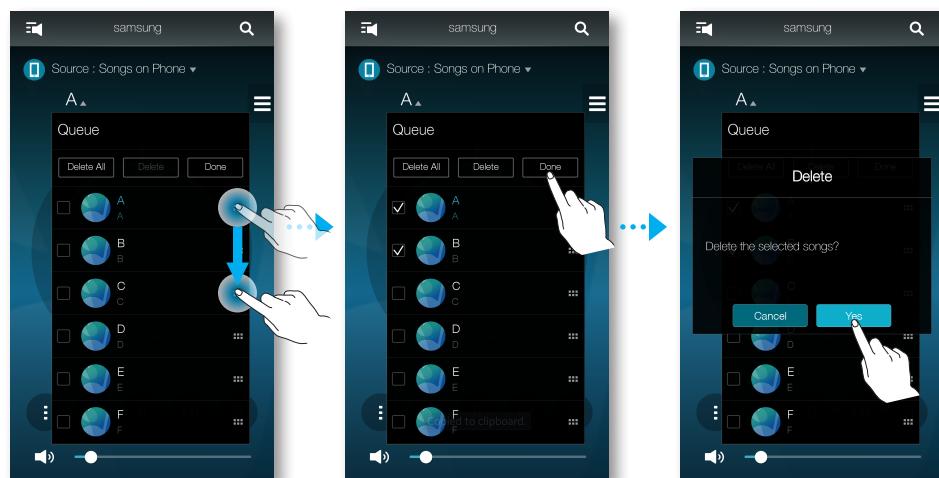
- ✓ You can save up to 360 pieces of music in the queue.
- ✓ You cannot save music played by station-based music providers such as Tunein, Pandora, etc. in the queue.

## ■ Editing the queue

- 1 Select the music title at Home screen, and then press **Edit**.



- 2 Drag  to change the order of music, select your desired music to delete, and then press **Done**.
- 3 Press **Yes**.

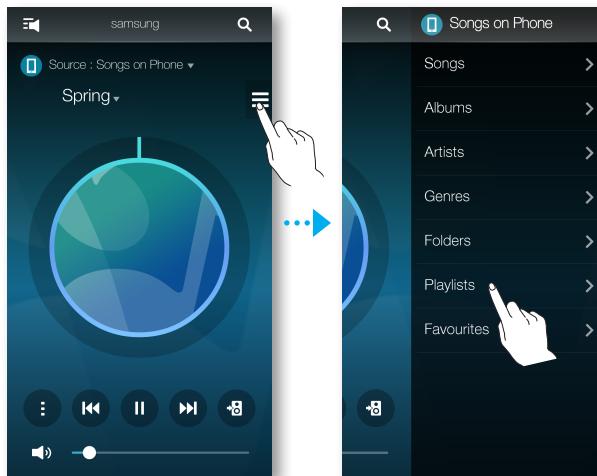


## ■ Managing a playlist

### ■ Creating a Playlist

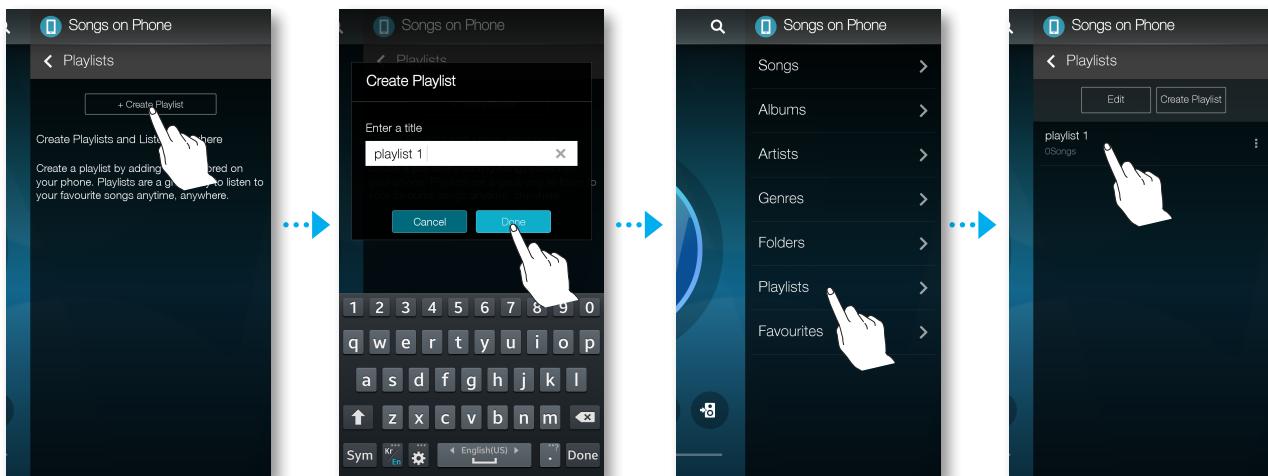
You can create your own playlist to save or edit.

- 1 Press , and then select **Playlists**.

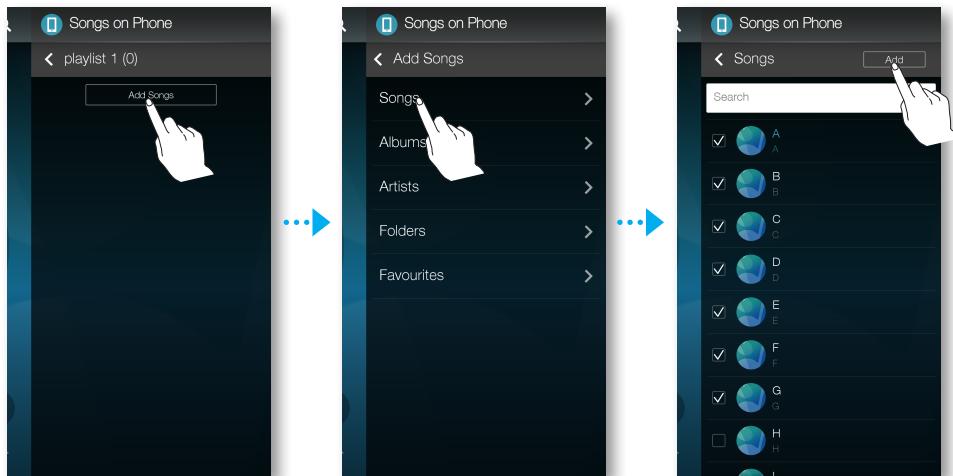


- 2 Select **Create Playlist**, and then enter a name for the playlist. Press **Done**.

- 3 Select **Playlists**, and then press the created playlist.



- 4 Press **Add Songs**, and then select **Songs**.
- 5 Select your desired music to save in playlist, and then press **Add**.

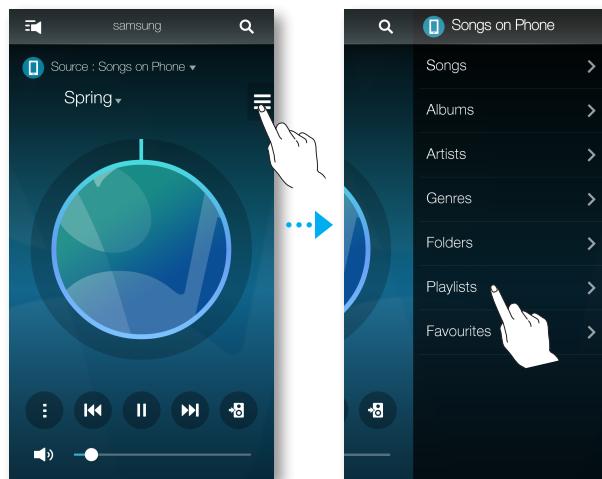


#### NOTE

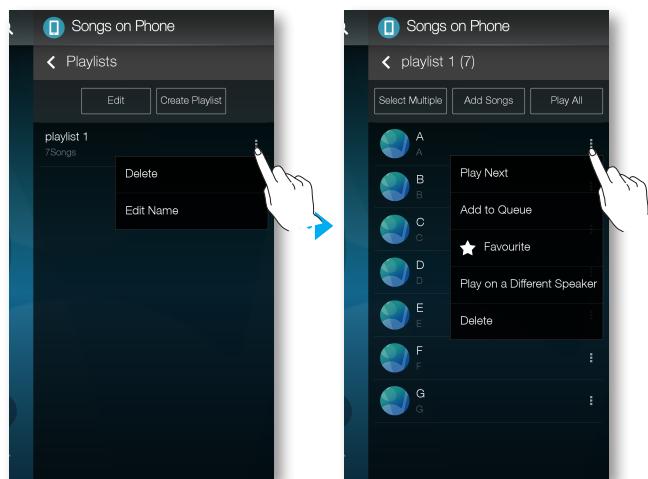
- ✓ You can save up to 360 pieces of music in the playlist.

## ■ Editing a Playlist

1 Press  and then select **Playlists**.

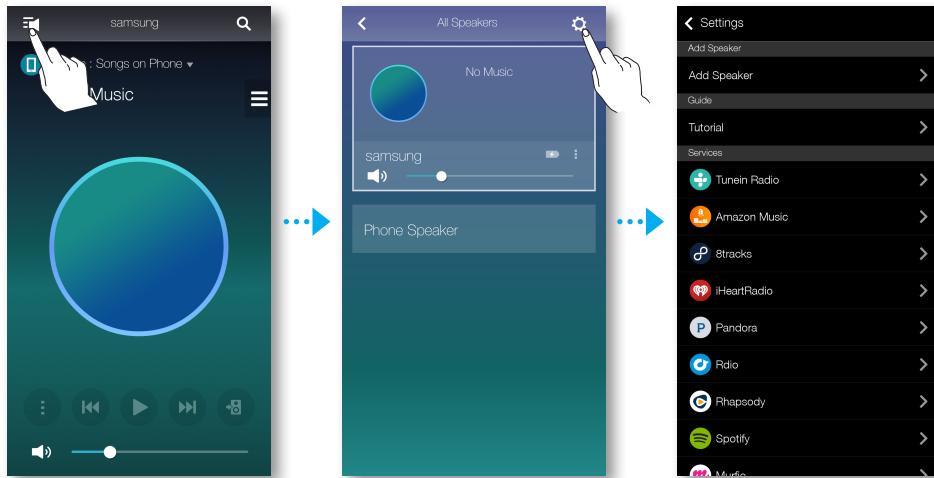


2 Select  of **Playlists** or the  of the music to use additional menu.



## Using the Settings menu

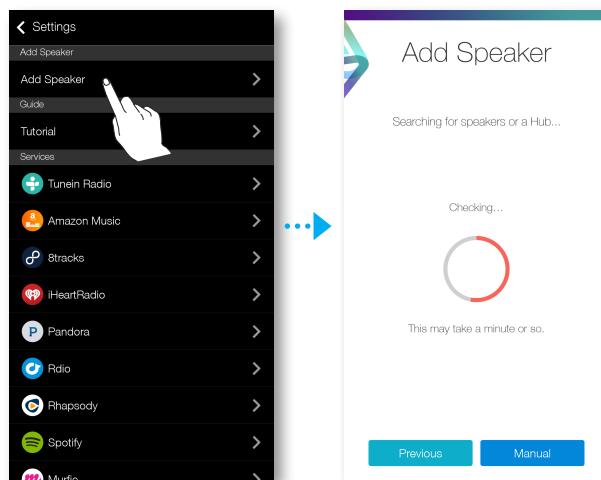
- 1 On your Smart device, select the **Samsung Multiroom** app.
- 2 Press  to view the list of all speakers.
- 3 Press .



## Add Speaker

### Add Speaker

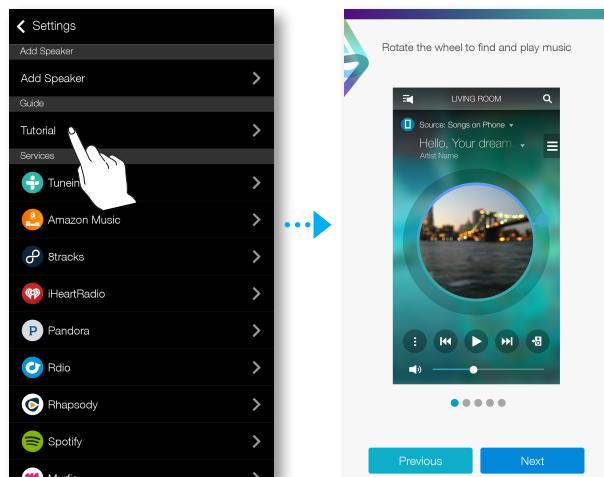
To add additional speaker(s) to an existing speaker connection, refer to "Adding additional speaker(s)" on pages 20~21. [Click here.](#)



## Guide

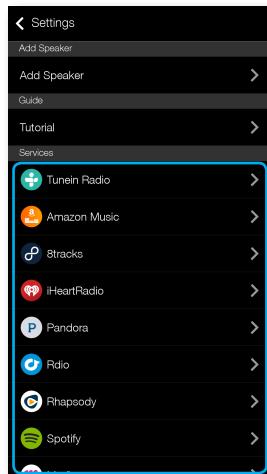
### Tutorial

Select the **Tutorial** to learn how to use the app.



## Services

Displays a list of available services.



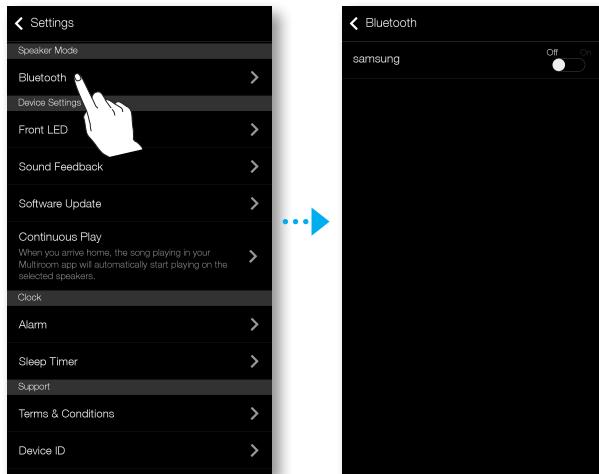
### NOTES

- ✓ Depending on your region or manufacturer, supported content services may differ.
- ✓ Some music services may require you to sign up for a membership or log in.
- ✓ You may not subscribe to a service using your smart device.  
To use a for-pay service, first subscribe to the service through your computer.
- ✓ Some Tunein radio channels may be restricted according to their site policy.
- ✓ Supported music service may be added or deleted according to corresponding policy.

## Speaker Mode

### Bluetooth

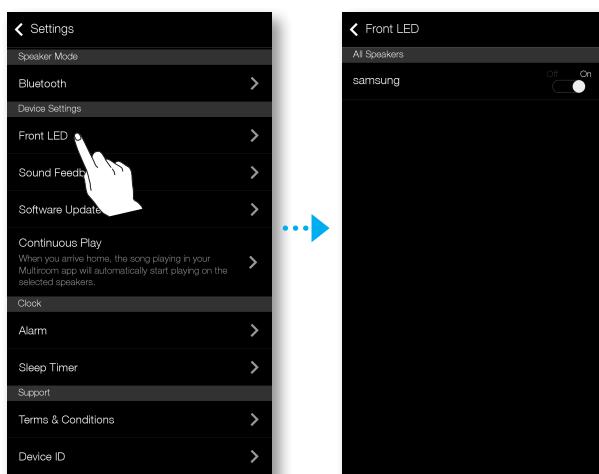
- **Off** : Turns off the **Bluetooth**.
- **On** : Turns on the **Bluetooth**.



## Device Settings

### Front LED

- **Off** : Turns off the product's **Front LED** indicators.
- **On** : Turns on the product's **Front LED** indicators.



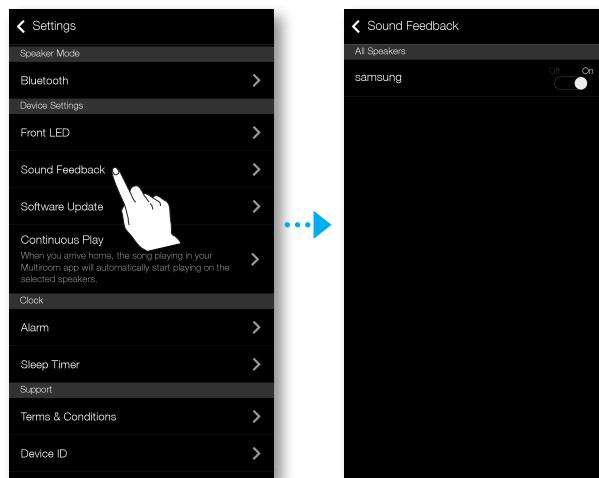
### NOTES

- ✓ Product LED indicator status
  - Blue (on) : Wi-Fi network connection established
  - Blue (flashing) : preparing Wi-Fi network connection
  - Purple (turning off after flashing at an interval of 1 second) : update finished
  - Red, Green : indicates battery status. Refer to the instructions on page 6. (WAM6500, WAM6501 Only) [Click here.](#)

## ■ Sound Feedback

**Sound Feedback** is a function to indicate current status of product through the sound.

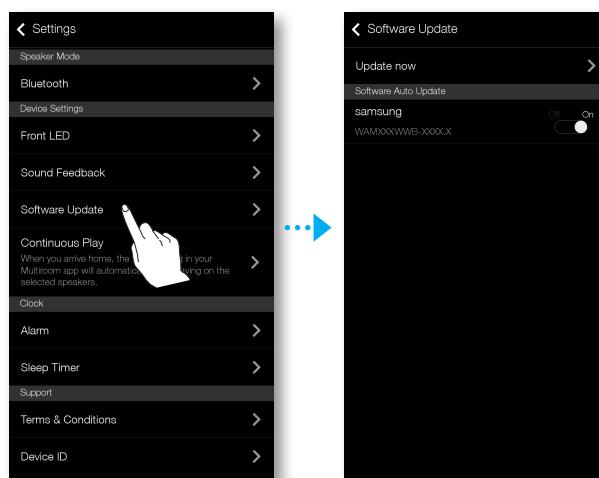
- **Off** : Turns off the **Sound Feedback**.
- **On** : Turns on the **Sound Feedback**.



## ■ Software Update

Shows the product's current software version, and lets you turn auto update on or off.

- **On** : When on, automatically updates the software when new firmware is released.
- **Off** : Turns off the auto update function.





## NOTES

- ✓ Auto update is available when your product is connected to a network and the **Software Auto Update** function is set to **On**.
- ✓ It is strongly recommended that **Software Auto Update** settings on all the products used are set to **On**. Problems with networked functions may otherwise occur due to incompatibility issues when a variety of product software versions is used on linked products.
- ✓ **Software Auto Update** will only update the speaker when the speaker is in Standby mode.  
To manually place the speaker in Standby mode:
  - 1) Set **Software Auto Update** to **On**.
  - 2) Touch the **Standby** button on the speaker.

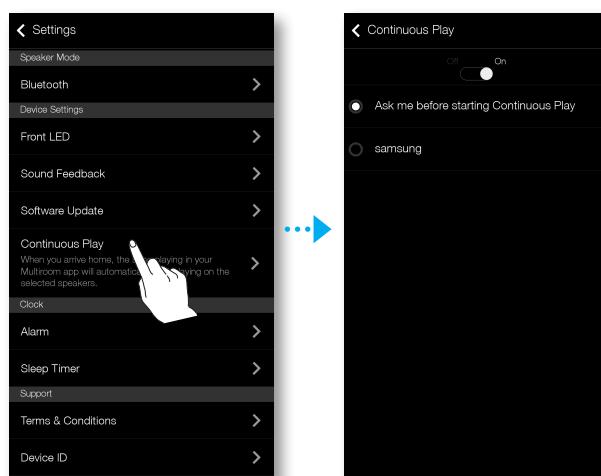
## Update Now

You can update your speaker's software manually using **Update Now**.

- 1 Press .
- 2 Select **Software Update**.
- 3 Select **Update Now**.
- 4 **Update Now** searches for a current software update. If an update is available, it will download and install the update on your speaker. If you already have the most current software on your speaker, **Update Now** displays "Latest version already installed.".

## ■ Continuous Play

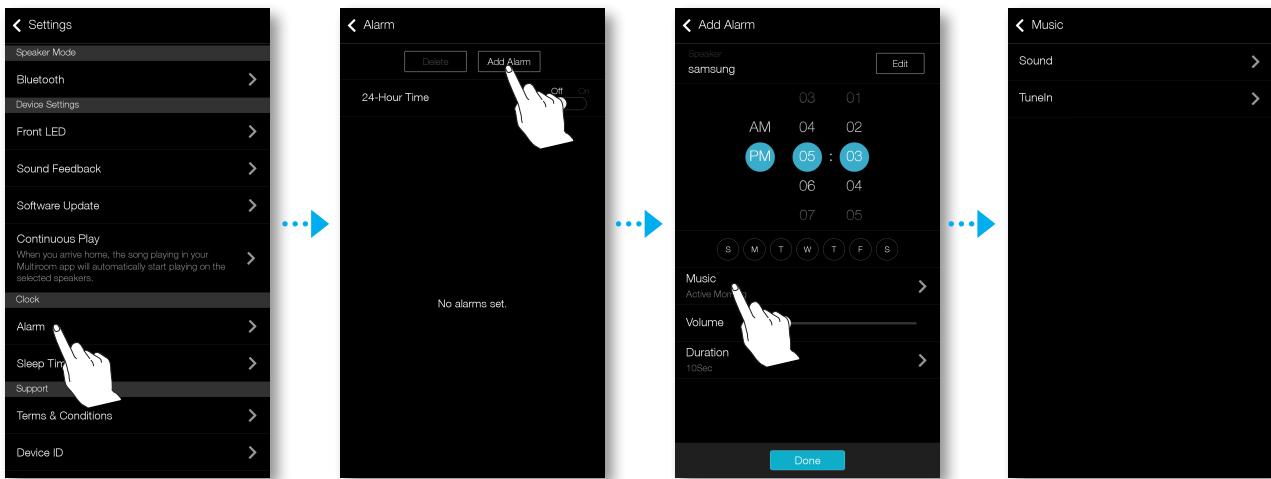
Since this function allows you to switch the sound output from your mobile device into the product automatically, you can just enjoy the music seamlessly.



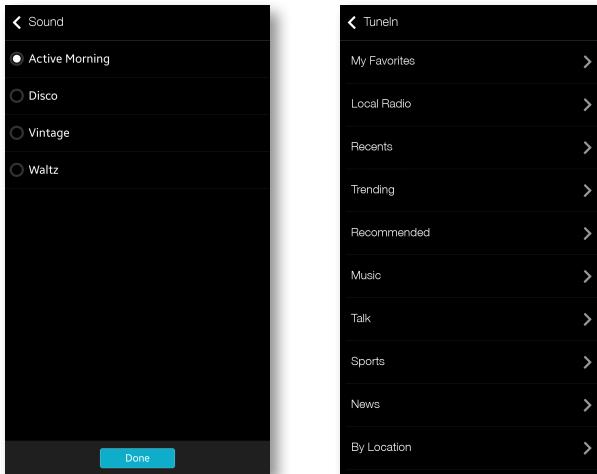
## ■ Clock

### ■ Alarm (WAM7500, WAM7501 only)

- 1 Press **Alarm**, and then press **Add Alarm**.
- 2 Select the alarm date, time, day of the week, alarm volume and duration.



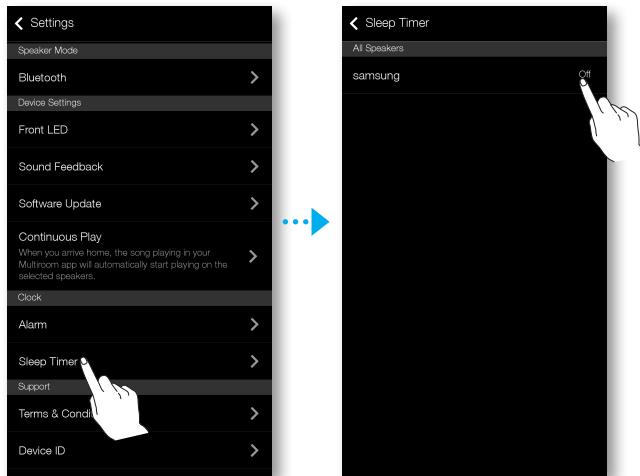
- 3 Press **Music**, select **Sound** or **Tuneln** to select your desired alarm sound.



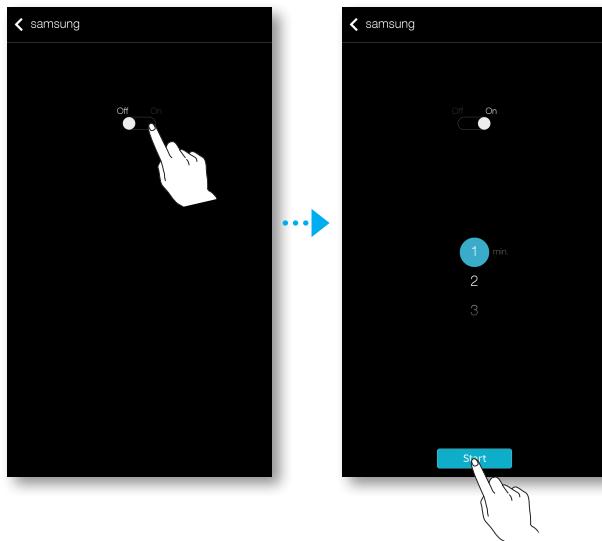
## ■ Sleep Timer

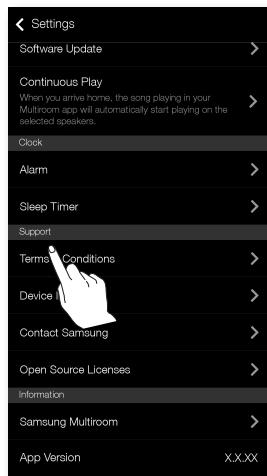
You can turn off the product by setting sleep time.

- 1 Press **Sleep Timer**, and then press **Off**.



- 2 Drag to **On**, set your desired time, and then select **Start**.





## ■ Support

### ■ Term & Conditions

Lets you check the **Term & Conditions**.

### ■ Device ID

Lets you check the **Device ID**.

### ■ Contact Samsung

Provides a link to the Samsung website.

### ■ Open Source Licenses

Lets you view the Open Source Licenses.

## ■ Information

### ■ Samsung Multiroom

Allows you to check the software version number of the product.

### ■ App Version

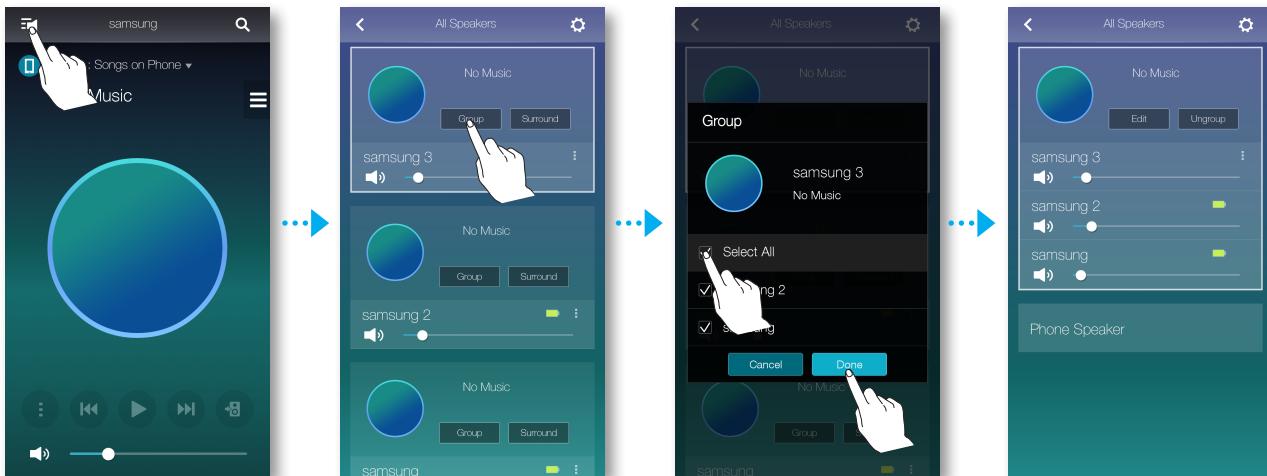
Allows you to check the Samsung Multiroom app version.

# Connecting multiples products

## Setting Groups

You can group multiple speakers into one group that plays the same music.  
Grouping is available only when multiple speakers are connected to the same network.

- 1 Press  to go to the list of all speakers.
- 2 Press **Group**.
- 3 Select other products to add into the group, and then press **Done**.

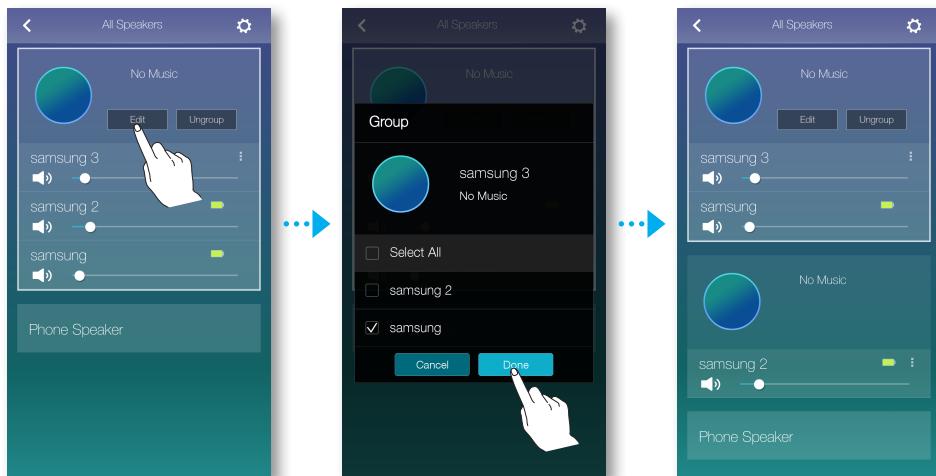


### NOTE

- ✓ Group playback is not available for Bluetooth and TV SoundConnect connections.

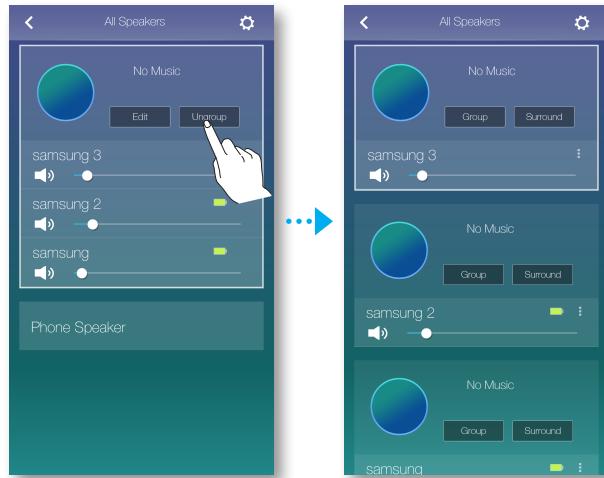
## Editing group

- 1 Press **Edit**.
- 2 Select the speaker to edit and press **Done**.



## ■ Ungrouping

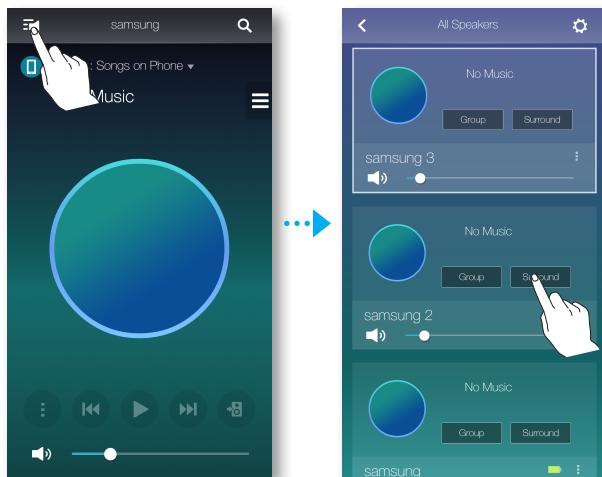
Press **Ungroup**.



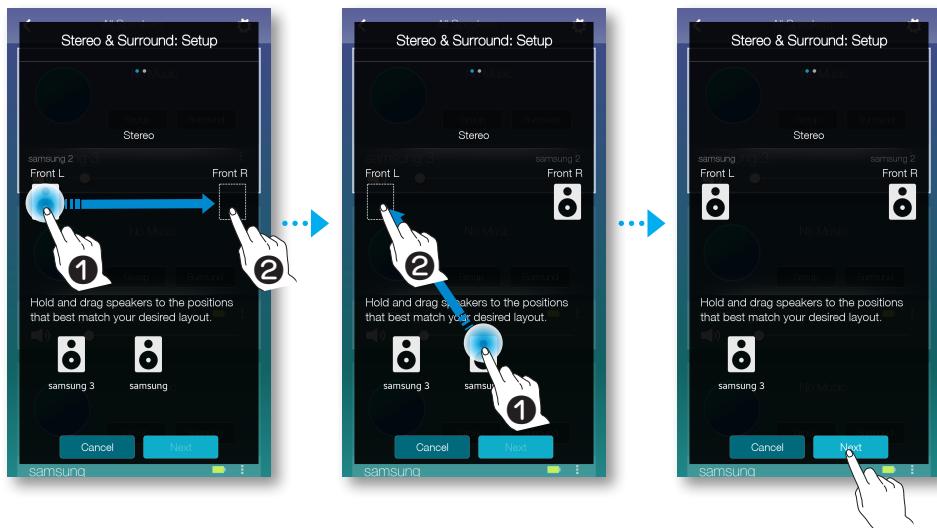
## Setting the Surround Sound Mode

You can configure multiple products for surround sound effect.

- 1 Press  to go to the list of all products.
- 2 Press **Surround**.



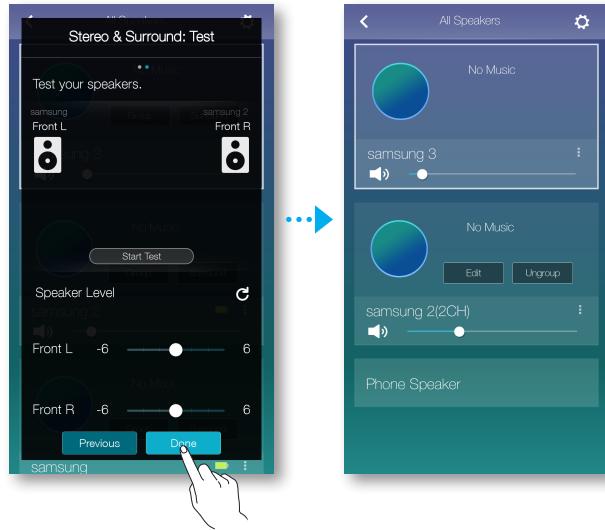
- 3 Press and hold a product, and drag it to the desired place and then select **Next**.



### NOTE

- ✓ If just 2 speakers are connected, press **Surround** to configure surround sound system automatically.

4 Test products and adjust product volume, and then press **Done**.



## NOTES

- ✓ The **Surround Mode** may be cancelled automatically if the network connection is unstable.
- ✓ When enabling the Surround Sound mode, it is recommended to set the same speakers you assign to **Front L** and **Front R**.
- ✓ You can configure 4.1 channel surround sound system with a soundbar and 2 speakers.
- ✓ You cannot configure **Surround** sound system with a soundbar and one speaker.

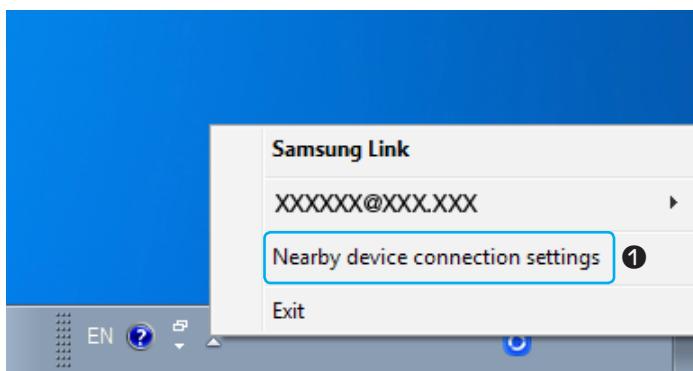
# Using miscellaneous functions

## Playing Media Content Saved in a PC

### Samsung Link

Install the **Samsung Link** program for easier playback of music stored in your PC through M5. Visit <http://link.samsung.com> and download the **Samsung Link** application and finish installing it.

- 1 Visit <http://link.samsung.com> and login with your Samsung account. Follow the instructions shown to install the program.
- 2 Select the folder to be shared.
  - 1) Move the mouse pointer over the **Samsung Link** icon from the icons tray, right click on it and select "1".
  - 2) On the screen displayed, you can add or delete shared folders.  
After adding or changing contents of shared folders, make sure to press the  button.



- 3 Select the Devices from the **Samsung Multiroom** app to select PC. Shared PC folders and music files will be displayed. (For further details, refer to page 33.) [Click here.](#)



### NOTES

- ✓ Note that the PC containing the shared folders and your M5 must be connected to the same wireless router.
- ✓ Samsung Link software should have been installed on the computer. The mobile device should support Samsung Link. For more information, visit Samsung's content and service portal at <http://link.samsung.com>.
- ✓ You may experience compatibility issues when attempting to play media files via a third-party DLNA server.
- ✓ However, the content shared by a computer device may not play depending on the encoding type and file format of the content. In addition, some functions may not be available.
- ✓ The media content may not smoothly play depending on the network status. If this is the case, use a USB storage device.

## Wireless Audio - Multiroom for Desktop

To play iTunes system and shared PC music files through product, install the **Wireless Audio - Multiroom for Desktop** program.

Visit [www.samsung.com](http://www.samsung.com) to download the **Wireless Audio - Multiroom for Desktop** program and install it.

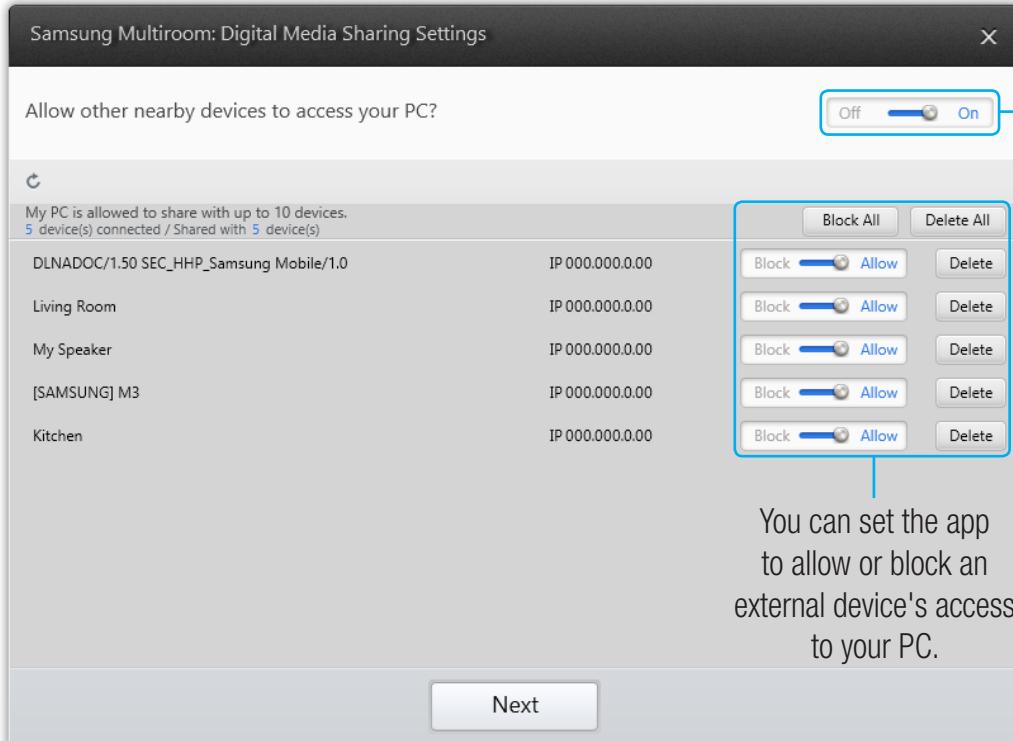


### NOTES

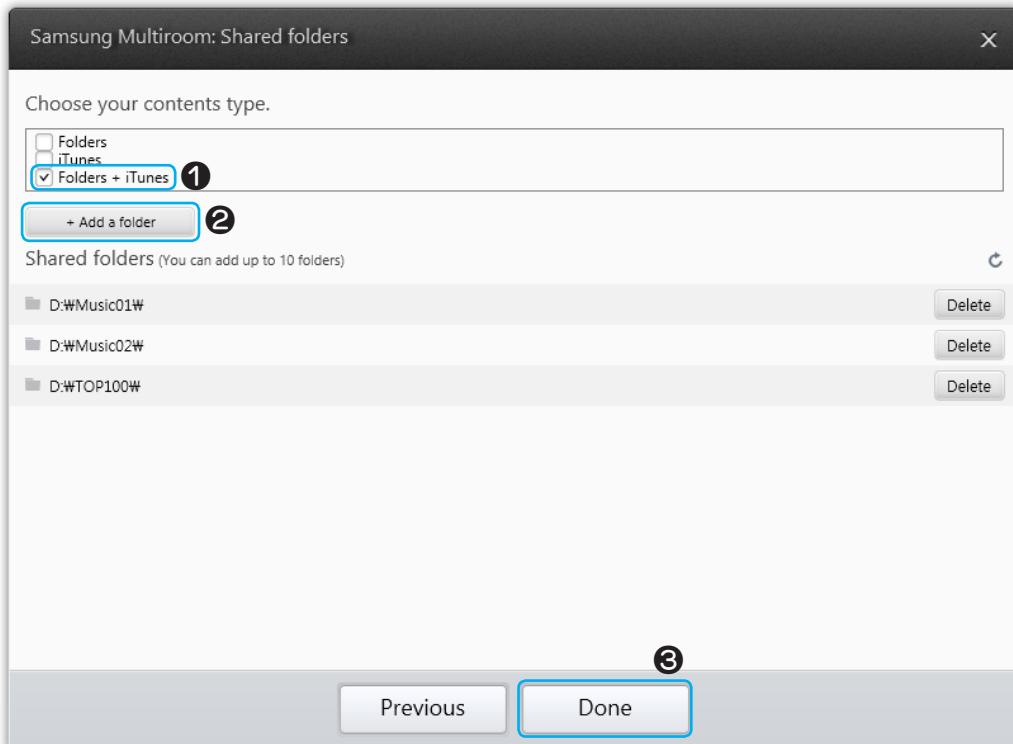
- ✓ Note that the PC containing the shared folders and your product must be connected to the same wireless router.
- ✓ If the connected Windows PC or the Mac switches to off-display mode, power saving or hibernation mode, the App will stop.
- ✓ If the firewall of the Windows computer is activated, the App may not work. In such a case, deactivate the firewall of Windows or other vaccine firewall.
- ✓ The \*.pkg file is for Mac while \*.msi is for Windows installation. Download the appropriate file for your computer and install it.
- ✓ Supported OS: Windows 7 or higher, Mac OS X 10.7 or later.

**1** Double click the icon created on the PC's desktop.

**2** Select **Next** to set the shared folders.



3 Select the content type and add the selected folder to the shared folders list. After sharing folders, make sure to press the **Done** button.



4 On your Smart device, select the **Samsung Multiroom** app.  
5 Select desired PC on the **Samsung Multiroom** app, and shared folders and files stored in the PC will be displayed. (For further details, refer to page 33) [Click here.](#)



#### NOTE

- ✓ After adding or changing contents of shared folders, make sure to press the  button. If you don't press the  button, the files shared by a computer device may not be displayed in the **Samsung Multiroom** app.

# Appendix

## Troubleshooting

Before requesting service, please check the following.

Symptom	Check	Remedy
<b>The unit will not turn on.</b>	<ul style="list-style-type: none"><li>Is the power cord plugged into the outlet?</li></ul>	<ul style="list-style-type: none"><li>Connect the power cord to the outlet.</li></ul>
<b>Hub and product is not paired.</b>	<ul style="list-style-type: none"><li>When the Hub is plugged in, do the HUB's front indicators show it's operating properly?</li><li>Is the LAN cable connected to the wireless router and the HUB properly?</li><li>Make sure the product's front LED turns from red to blue.</li></ul>	<ul style="list-style-type: none"><li>Reset the HUB. (Refer to the HUB's user manual for details.) Unplug the HUB and plug it in again. Check whether the pairing indicator on the front of the HUB is blinking or not.</li><li>Reset the product (see page 5). <a href="#">Click here.</a> Unplug the product and plug it in again. Check whether the LED indicator on the front of the product is blinking or not.</li></ul>
<b>A function does not work when the button is pressed.</b>	<ul style="list-style-type: none"><li>Is there static electricity in the air?</li></ul>	<ul style="list-style-type: none"><li>Disconnect the power plug and connect it again.</li></ul>
<b>Sound is not produced.</b>	<ul style="list-style-type: none"><li>Is the volume set to minimum?</li></ul>	<ul style="list-style-type: none"><li>Connect the product correctly.</li><li>Adjust the volume.</li></ul>
<b>The TV SoundConnect (TV pairing) failed.</b>	<ul style="list-style-type: none"><li>Does your TV support TV SoundConnect?</li><li>Is your TV firmware the latest version?</li><li>Does an error occur when connecting?</li></ul>	<ul style="list-style-type: none"><li>TV SoundConnect is supported by some Samsung TVs released after 2012. Check your TV to see if it supports TV SoundConnect.</li><li>Confirm TV SoundConnect is set to <b>On</b> in your TV's menu.</li><li>Update your TV with the latest firmware.</li><li>Contact the Samsung Call Centre.</li><li>Press and hold the  <b>Source</b> button for more than 5 seconds to reset TV SoundConnect and connect a new TV.</li></ul>

Symptom	Check	Remedy
<b>HUB doesn't work properly</b>	<ul style="list-style-type: none"> <li>• Is the HUB plugged in?</li> <li>• Is the LAN cable connected to the wireless router and the HUB properly?</li> <li>• When the Hub is plugged in, do the HUB's front indicators show it's operating properly?</li> </ul>	<ul style="list-style-type: none"> <li>• Plug in the HUB.</li> <li>• Connect the LAN cable to the <b>ETHERNET SWITCH</b> on the back of the HUB and to your wireless router.</li> <li>• Reset the HUB. (Refer to the HUB's user manual for details.)</li> <li>• If you experience troubles with connecting the HUB and product, try relocating the product so that the product is closer to the wireless router or HUB.</li> </ul>
<b>Product doesn't work properly</b>	<ul style="list-style-type: none"> <li>• Is the product plugged in?</li> <li>• Does the product's front LED indicator remain red 5 minutes after turning on?</li> </ul>	<ul style="list-style-type: none"> <li>• Plug in the product.</li> <li>• Check whether the Wi-Fi router you're using had been certified for Wi-Fi.</li> <li>• Unplug the product, plug it back in, and then reconnect it to the router.</li> <li>• Reset the product (see page 5).           <p style="color: blue; border: 1px solid blue; padding: 2px;"><a href="#">Click here.</a></p> </li> <li>• If used with a HUB           <ul style="list-style-type: none"> <li>- Make sure the smart device and the HUB are connected to the same Wi-Fi network.</li> <li>- Make sure the HUB's indicator LED's show that it is working correctly. (See page 16, item 3.)               <p style="color: blue; border: 1px solid blue; padding: 2px;"><a href="#">Click here.</a></p> </li> <li>- If the problem persists, reset the HUB. (Refer to the HUB's user manual for details.)</li> <li>- Unplug, then plug in the HUB. Then, unplug and plug in the product.</li> <li>- If you experience troubles with connecting the HUB and product, try relocating the product so that the product is closer to the wireless router or HUB.</li> </ul> </li> </ul>

Symptom	Check	Remedy
I cannot group products.	<ul style="list-style-type: none"> <li>Is the product connected to the network via Wi-Fi?</li> </ul>	<ul style="list-style-type: none"> <li>If the product is connected to the network via Bluetooth or TV SoundConnect, you cannot use the group products function.</li> </ul>
App doesn't work properly	<ul style="list-style-type: none"> <li>Does an error occur when accessing the app?</li> </ul>	<ul style="list-style-type: none"> <li>Make sure your smart device is compatible with the app. (See page 65) <a href="#">Click here.</a></li> <li>Make sure the app is the latest version.</li> <li>Make sure the product's front LED turns from red to blue.</li> <li>If used with a HUB <ul style="list-style-type: none"> <li>Make sure the HUB and the smart device are connected to same router.</li> <li>Make sure the HUB's indicator LED's show that it is working correctly. (See page 16, item 3.) <a href="#">Click here.</a></li> <li>If you experience troubles with connecting the HUB and product, try relocating the product so that the product is closer to the wireless router or HUB.</li> </ul> </li> </ul>

### NOTE

- ✓ If the problem persists, consult the service centre for troubleshooting.

## Open Source License Notice

- For further information on Open Sources used in this product, please visit the website: <http://opensource.samsung.com>

## Licences

- The Spotify Software is subject to third party licenses found here : [www.spotify.com/connect/third-party-licenses](http://www.spotify.com/connect/third-party-licenses).
- For more information about Spotify Connect, please visit [www.spotify.com/connect](http://www.spotify.com/connect).



## Specifications

- WAM7500/WAM7501

<b>General</b>	Weight	3.4 Kg
	Dimensions	181 (W) X 181 (D) X 422 (H) mm
	Operating Temperature Range	+5°C to +35°C
	Operating Humidity Range	10 % to 75 %
<b>Network</b>	Wireless LAN	Built-in
	Security	WEP (OPEN/SHARED)
		WPA-PSK (TKIP/AES)
		WPA2-PSK (TKIP/AES)
	Overall Standby Power consumption (W) (When all network ports are set to on)	2.2 W
Press the  <b>Standby</b> button on the product's front for 5 seconds to deactivate Wi-Fi and Bluetooth and turn the power off.		

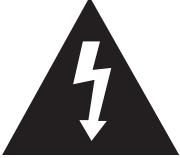
- WAM6500/WAM6501

<b>General</b>	Power Requirements	DC24V  2.5A
	Weight	1.8 Kg
	Dimensions	157 (W) X 157 (D) X 232 (H) mm
	Operating Temperature Range	+5°C to +35°C
	Operating Humidity Range	10 % to 75 %
<b>Network</b>	Wireless LAN	Built-in
	Security	WEP (OPEN/SHARED)
		WPA-PSK (TKIP/AES)
		WPA2-PSK (TKIP/AES)
	Overall Standby Power consumption (W) (When all network ports are set to on)	4.3 W
While the product is turned on, press the  <b>POWER</b> button on the product's rear side for 2 seconds to deactivate Wi-Fi and Bluetooth and turn the power off.		

- Network speeds equal to or below 10Mbps are not supported.
- Design and specifications are subject to change without prior notice.
- For the power supply and power consumption, refer to the label attached to the product.
- See product bottom for important safety information.
- Weight and dimensions are approximate.
- This user manual is based on the product using the Android or iOS operating system.
- App screen is based on Android operating system and it may change after you upgrade the software version.
- For further details on using the product, visit [www.samsung.com](http://www.samsung.com).

- An administration fee may be charged if either
  - (a) an engineer is called out at your request and there is no defect in the product (i.e. where you have failed to read this user manual).
  - (b) you bring the unit to a repair center and there is no defect in the product (i.e. where you have failed to read this user manual).
- The amount of such administration charge will be advised to you before any work or home visit is carried out.

## Regulatory Compliance Statements

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
The lighting flash and arrowhead within the triangle is a warning sign alerting you to dangerous voltage inside the product.	<b>CAUTION:</b> TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	The explanation point within the triangle is a warning sign alerting you to important instructions accompanying the product.

### Warning

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- Do not expose this apparatus to dripping or splashing.  
Do not put objects filled with liquids, such as vases on the apparatus.
- To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.

### CAUTION

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

- This apparatus shall always be connected to a AC outlet with a protective grounding connection.
- To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

### CAUTION

- Do not expose this apparatus to dripping or splashing. Do not put an object filled with liquid, such as a vase, on the apparatus.
- To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.

## ■ **Wiring the Main Power Supply Plug (UK Only)**

### **IMPORTANT NOTICE**

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and if it requires replacing, a fuse approved to BS1362 of the same rating must be used. Never use the plug with the fuse cover removed. If the cover is detachable and a replacement is required, it must be of the same colour as the fuse fitted in the plug. Replacement covers are available from your dealer. If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance. However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains socket as there is a risk of shock hazard from the bared flexible cord. Never attempt to insert bare wires directly into a mains socket. A plug and fuse must be used at all times.

### **IMPORTANT NOTICE**

The wires in the mains lead are coloured in accordance with the following code:– BLUE = NEUTRAL BROWN = LIVE As these colours may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows:– The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

**WARNING : DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E OR BY THE EARTH SYMBOL , OR COLOURED GREEN OR GREEN AND YELLOW.**

## ■ **Important Safety Instructions**

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.

Keep these operating instructions handy for future reference.

- 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 a dry cloth.
- 7** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including AV receivers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where it exits the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord 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.



## Safety precautions

### Power Supply Precautions

- Do not overload outlets or extension cords.
  - This may result in abnormal heat or fire.
- Do not plug in or unplug the power cord with wet hands.
- Do not place the product near heating equipment.
- To clean the power plug blades, remove the plug from the wall outlet and wipe the blades with a dry cloth only.
- Do not bend the power cord or pull it forcefully.
- Do not put heavy objects on the power cord.
- Do not plug the power cord into a loose or damaged outlet.
- Fully insert the power cord's plug into the the wall outlet so that the plug is firmly attached to the outlet.
  - If the connection is unstable, there is a risk of fire.

## ■ Installation Precautions

- Do not install the product near equipment or objects that generate heat or produce fire (candles, mosquito coils, heaters, radiators, etc.). Do not install in direct sunlight.
- When moving the product, turn off the power and disconnect all cords (include the power cord) from the unit.
  - A damaged cord may cause a fire and poses a risk of electric shock.
- Installing the product in environments with high heat or humidity, dust, or extreme cold, can lead to quality problems or cause the product to malfunction. Before you install the product in an environment that is outside the norm, please contact a Samsung service centre for additional information.
- When placing the product on a shelf, cabinet, or desk, make sure the top panel faces upwards.
- Do not place the product on an unstable surface (e.g. a shaky shelf, a tilted desk, etc.).
  - Dropping the product can cause it to malfunction and poses a risk of injury. Severe vibration or impact can also cause the product to malfunction and lead to a fire hazard.
- Install your product with enough space around it for ventilation.
  - Leave at least 4 inches (10cm) at the rear of the product and more than 2 inches (5cm) on each side of the product.
- Keep the plastic packing materials out of reach of your children.
  - Children playing with the plastic packing materials run the risk of suffocation.

## ■ Usage Precautions

- Using for an extended time at high volume may cause serious damage to your hearing.
  - If you are exposed to sound louder than 85db for an extended time, you may adversely affect your hearing. The louder the sound is, the more seriously damaged your hearing may become. Note that an ordinary conversation is between 50 to 60 db and road noise is approximately 80 db.
- This product contains dangerous high voltage. Do not attempt to disassemble, repair, or modify it yourself.
  - Contact a Samsung service centre when your product is in need of repair.
- Do not place any container that contains liquid on the product (e.g. a vase, beverages, cosmetics, chemicals, etc.). Do not allow any metal objects (e.g. coins, hair clips, etc.) or flammable material (e.g. paper, matches, etc.) to enter the product (through the air vents, I/O ports, etc.).
  - If any harmful material or liquid enters the product, turn off the product immediately, unplug the power cord, and then contact a Samsung service centre.

- Do not drop the product. In case of a mechanical breakdown, disconnect the power cord and contact a Samsung service centre.
  - There is a risk of fire or electric shock.
- Do not hold or pull the product by the power cord or the signal cable.
  - A damaged cable can cause the product to malfunction, cause a fire, and poses a risk of electric shock.
- Do not use or keep flammable materials near the product.
- If the product emits an abnormal sound or a burnt smell or smokes, unplug the power-cord immediately and contact a Samsung service centre.
- If you smell gas, ventilate the room immediately. Do not touch the power plug of the product. Do not turn the product off or on.
- Do not strike or subject the product to a sudden shock. Do not pierce the product with a sharp object.
- This product can be moved and placed indoors.
- This product is not waterproof or dustproof.
- Be careful when moving the product to avoid dropping it and possibly damaging it.

## Cleaning Precautions

- Never use alcohol, solvents, waxes, benzene, thinners, air freshener, or lubricants to clean the product, or spray insecticide on the product.
  - Using any of these materials can discolor the exterior coating or cause it to split or peel off, or remove the labelling on the product.
- To clean the product, unplug the power cord, and then wipe the product with a clean, dry, soft cloth (Microfiber, cotton).
  - Avoid leaving dust on the product. Dust can scratch its the surface.

## Additional Information

### About the Network Connection

- Depending on the wireless router used, some network operations may perform differently.
- For detailed information on networking with a wireless router or modem, refer to the router's or modem's documentation.
- Select one wireless channel that is not used currently. If the selected channel is used by another communication device nearby, radio interference may result in communication failure.

- In compliance with the newest Wi-Fi certification specifications, the HUB does not support WEP, TKIP, or TKIP-AES (WPA2 Mixed) security encryption in networks running in the 802.11n mode.
- By its nature, wireless LAN may experience radio interference depending on the environmental conditions (such as wireless router performance, distance, obstruction, interference with other wireless devices, etc.)
- WEP encryption does not work with WPS (PBC) / WPS (PIN).

## **Compatible products**

- Mobile : Android 2.3.3 (Gingerbread) or above, iOS (6.0) or above



### **NOTES**

- ✓ Some devices may not be compatible with the product.
- ✓ Note that a product of an older version may not be supported.

## **Copyright**

© 2015 Samsung Electronics Co.,Ltd.

All rights reserved; No part or whole of this user's manual may be reproduced or copied without the prior written permission of Samsung Electronics Co.,Ltd.

- Hereby, Samsung Electronics, declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



The original Declaration of Conformity may be found at <http://www.samsung.com>, go to Support > Search Product Support and enter the model name. This equipment may be operated in all EU countries. This equipment may only be used indoors.

# Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Country	Contact Centre ☎	Web Site
North America	U.S.A	1-800-SAMSUNG (726-7864) <a href="http://www.samsung.com/us/support">www.samsung.com/us/support</a>
	CANADA	1-800-SAMSUNG (726-7864) <a href="http://www.samsung.com/ca/support">www.samsung.com/ca/support</a> (English) <a href="http://www.samsung.com/ca_fr/support">www.samsung.com/ca_fr/support</a> (French)
Latin America	MEXICO	01-800-SAMSUNG (726-7864) <a href="http://www.samsung.com/mx/support">www.samsung.com/mx/support</a>
	BRAZIL	0800-124-421 (Demais cidades e regiões) 4004-0000 (Capitais e grandes centros) <a href="http://www.samsung.com/br/support">www.samsung.com/br/support</a>
	COSTA RICA	0-800-507-7267 00-800-1-SAMSUNG (726-7864) <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	DOMINICAN REPUBLIC	1-800-751-2676 <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	ECUADOR	1-800-10-7267 1-800-SAMSUNG (72-6786) <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	EL SALVADOR	800-6225 800-0726-7864 <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	GUATEMALA	1-800-299-0013 1-800-299-0033 <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	HONDURAS	800-2791-9267 800-2791-9111 <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	JAMAICA	1-800-234-7267 1-800-SAMSUNG (726-7864) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	NICARAGUA	001-800-5077267 <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	PANAMA	800-7267 800-0101 <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	PUERTO RICO	1-800-682-3180 <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	TRINIDAD & TOBAGO	1-800-SAMSUNG(726-7864) <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	VENEZUELA	0-800-SAMSUNG (726-7864) <a href="http://www.samsung.com/ve/support">www.samsung.com/ve/support</a>
Europe	COLOMBIA	Bogotá 600 12 72 Gratis desde cualquier parte del país 01 8000 112 112 <a href="http://www.samsung.com/co/support">www.samsung.com/co/support</a>
	CHILE	800-SAMSUNG(726-7864) <a href="http://www.samsung.com/cl/support">www.samsung.com/cl/support</a>
	BOLIVIA	800-10-7260 <a href="http://www.samsung.com/cl/support">www.samsung.com/cl/support</a>
	PERU	0800-777-08 <a href="http://www.samsung.com/pe/support">www.samsung.com/pe/support</a>
	ARGENTINE	0800-555-SAMSUNG (0800-555-7267) <a href="http://www.samsung.com/ar/support">www.samsung.com/ar/support</a>
	URUGUAY	000-405-437-33 <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
	PARAGUAY	009-800-542-0001 <a href="http://www.samsung.com/latin/support">www.samsung.com/latin/support</a> (Spanish) <a href="http://www.samsung.com/latin_en/support">www.samsung.com/latin_en/support</a> (English)
Europe	UK	0330 SAMSUNG (7267864) <a href="http://www.samsung.com/uk/support">www.samsung.com/uk/support</a>
	EIRE	0818 717100 <a href="http://www.samsung.com/ie/support">www.samsung.com/ie/support</a>
	GERMANY	0180 6 SAMSUNG bzw. 0180 6 7267864* (*0,20 €/Anruf aus dem dt. Festnetz, aus dem Mobilfunk max. 0,60 €/Anruf) <a href="http://www.samsung.com/de/support">www.samsung.com/de/support</a>
	FRANCE	01 48 63 00 00 <a href="http://www.samsung.com/fr/support">www.samsung.com/fr/support</a>
	ITALIA	800-SAMSUNG (800.7267864) <a href="http://www.samsung.com/it/support">www.samsung.com/it/support</a>
	SPAIN	0034902172678 <a href="http://www.samsung.com/es/support">www.samsung.com/es/support</a>
	PORTUGAL	808 20 7267 <a href="http://www.samsung.com/pt/support">www.samsung.com/pt/support</a>

Country	Contact Centre 	Web Site
Europe	LUXEMBURG	261 03 710 <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	NETHERLANDS	0900-SAMSUNG (0900-7267864) (€ 0,10/Min) <a href="http://www.samsung.com/nl/support">www.samsung.com/nl/support</a>
	BELGIUM	02-201-24-18 <a href="http://www.samsung.com/be/support">www.samsung.com/be/support</a> (Dutch) <a href="http://www.samsung.com/be_fr/support">www.samsung.com/be_fr/support</a> (French)
	NORWAY	815 56480 <a href="http://www.samsung.com/no/support">www.samsung.com/no/support</a>
	DENMARK	70 70 19 70 <a href="http://www.samsung.com/dk/support">www.samsung.com/dk/support</a>
	FINLAND	030-6227 515 <a href="http://www.samsung.com/fi/support">www.samsung.com/fi/support</a>
	SWEDEN	0771 726 7864 (0771-SAMSUNG) <a href="http://www.samsung.com/se/support">www.samsung.com/se/support</a>
	POLAND	801-172-678* lub +48 22 607-93-33 * * (koszt połączenia według taryfy operatora) <a href="http://www.samsung.com/pl/support">www.samsung.com/pl/support</a>
	HUNGARY	0680SAMSUNG (0680-726-786) 0680PREMIUM (0680-773-648) <a href="http://www.samsung.com/hu/support">www.samsung.com/hu/support</a>
	SLOVAKIA	0800 - SAMSUNG (0800-726 786) <a href="http://www.samsung.com/sk/support">www.samsung.com/sk/support</a>
	AUSTRIA	0800-SAMSUNG (0800-7267864) [Only for Premium HA] 0800-366661 [Only for Dealers] 0810-112233 <a href="http://www.samsung.com/at/support">www.samsung.com/at/support</a>
	SWITZERLAND	0800 726 78 64 (0800-SAMSUNG) <a href="http://www.samsung.com/ch/support">www.samsung.com/ch/support</a> (German) <a href="http://www.samsung.com/ch_fr/support">www.samsung.com/ch_fr/support</a> (French)
	CZECH	800 - SAMSUNG (800-726786) <a href="http://www.samsung.com/cz/support">www.samsung.com/cz/support</a>
	CROATIA	072 726 786 <a href="http://www.samsung.com/hr/support">www.samsung.com/hr/support</a>
	BOSNIA	055 233 999 <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	MONTENEGRO	020 405 888 <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	SLOVENIA	080 697 267 (brezplačna številka) 090 726 786 (0,39 EUR/min) klicni center vam je na voljo od ponedeljka do petka od 9. do 18. ure. <a href="http://www.samsung.com/si">www.samsung.com/si</a>
	SERBIA	011 321 6899 <a href="http://www.samsung.com/rs/support">www.samsung.com/rs/support</a>
	BULGARIA	800 111 31, Безплатна телефонна линия <a href="http://www.samsung.com/bg/support">www.samsung.com/bg/support</a>
	ROMANIA	08008 726 78 64 (08008 SAMSUNG ) Apel GRATUIT <a href="http://www.samsung.com/ro/support">www.samsung.com/ro/support</a>
	CYPRUS	8009 4000 only from landline, toll free <a href="http://www.samsung.com/gr/support">www.samsung.com/gr/support</a>
	GREECE	80111-SAMSUNG (80111 726 7864) only from land line <a href="http://www.samsung.com/gr/support">www.samsung.com/gr/support</a>
	LITHUANIA	8-800-77777 <a href="http://www.samsung.com/lt/support">www.samsung.com/lt/support</a>
	LATVIA	8000-7267 <a href="http://www.samsung.com/lv/support">www.samsung.com/lv/support</a>
	ESTONIA	800-7267 <a href="http://www.samsung.com/ee/support">www.samsung.com/ee/support</a>
CIS	RUSSIA	8-800-555-55-55 (VIP care 8-800-555-55-88) <a href="http://www.samsung.com/ru/support">www.samsung.com/ru/support</a>
	BELARUS	810-800-500-55-500 <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	GEORGIA	0-800-555-555 <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	ARMENIA	0-800-05-555 <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	AZERBAIJAN	0-88-555-55-55 <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	KAZAKHSTAN	8-10-800-500-55-500 (GSM: 7799, VIP care 7700) <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	UZBEKISTAN	8-10-800-500-55-500 (GSM: 7799) <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	KYRGYZSTAN	00-800-500-55-500 <a href="http://www.samsung.com/kz_ru/support">www.samsung.com/kz_ru/support</a>
	TAJIKISTAN	8-10-800-500-55-500 <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	MONGOLIA	+7-495-363-17-00 <a href="http://www.samsung.com/support">www.samsung.com/support</a>
	UKRAINE	0-800-502-000 <a href="http://www.samsung.com/ua/support">www.samsung.com/ua/support</a> (Ukrainian) <a href="http://www.samsung.com/ua_ru/support">www.samsung.com/ua_ru/support</a> (Russian)
	MOLDOVA	0-800-614-40 <a href="http://www.samsung.com/support">www.samsung.com/support</a>
China	CHINA	400-810-5858 <a href="http://www.samsung.com/cn/support">www.samsung.com/cn/support</a>
	HONG KONG	(852) 3698 4698 <a href="http://www.samsung.com/hk/support">www.samsung.com/hk/support</a> (Chinese) <a href="http://www.samsung.com/hk_en/support">www.samsung.com/hk_en/support</a> (English)
	MACAU	0800 333 <a href="http://www.samsung.com/support">www.samsung.com/support</a>

Country	Contact Centre 	Web Site
S.E.A	SINGAPORE 1800-SAMSUNG(726-7864)	<a href="http://www.samsung.com/sg/support">www.samsung.com/sg/support</a>
	AUSTRALIA 1300 362 603	<a href="http://www.samsung.com/au/support">www.samsung.com/au/support</a>
	NEW ZEALAND 0800 726 786	<a href="http://www.samsung.com/nz/support">www.samsung.com/nz/support</a>
	VIETNAM 1800 588 889	<a href="http://www.samsung.com/vn/support">www.samsung.com/vn/support</a>
	THAILAND 0-2689-3232, 1800-29-3232	<a href="http://www.samsung.com/th/support">www.samsung.com/th/support</a>
	MYANMAR +95-01-2399-888	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
	MALAYSIA 1800-88-9999 603-77137477 (Overseas contact)	<a href="http://www.samsung.com/my/support">www.samsung.com/my/support</a>
	INDONESIA 021-56997777 08001128888	<a href="http://www.samsung.com/id/support">www.samsung.com/id/support</a>
	PHILIPPINES 1-800-10-7267864 [PLDT] 02-4222111 [Other landline]	<a href="http://www.samsung.com/ph/support">www.samsung.com/ph/support</a>
	TAIWAN 0800-329999	<a href="http://www.samsung.com/tw/support">www.samsung.com/tw/support</a>
S.W.A	JAPAN 0120-363-905	<a href="http://www.samsung.com/jp/support">www.samsung.com/jp/support</a>
	INDIA 1800 3000 8282 - Toll Free 1800 266 8282 - Toll Free	<a href="http://www.samsung.com/in/support">www.samsung.com/in/support</a>
	BANGLADESH 09612300300	<a href="http://www.samsung.com/in/support">www.samsung.com/in/support</a>
MENA	SRI LANKA 94117540540	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
	EGYPT 08000-7267864 16580	<a href="http://www.samsung.com/eg/support">www.samsung.com/eg/support</a>
	ALGERIA 021 36 11 00	<a href="http://www.samsung.com/n_africa/support">www.samsung.com/n_africa/support</a>
	IRAN 021-8255 [CE]	<a href="http://www.samsung.com/iran/support">www.samsung.com/iran/support</a>
	SAUDI ARABIA 8002474357	<a href="http://www.samsung.com/sa/support">www.samsung.com/sa/support</a> <a href="http://www.samsung.com/sa_en/support">www.samsung.com/sa_en/support</a> (English)
	PAKISTAN 0800-Samsung (72678)	<a href="http://www.samsung.com/pk/support">www.samsung.com/pk/support</a>
	TUNISIA 80-1000-12	<a href="http://www.samsung.com/n_africa/support">www.samsung.com/n_africa/support</a>
	U.A.E 800-SAMSUNG (800 - 726 7864)	
	OMAN 800-SAMSUNG (800 - 726 7864)	
	KUWAIT 183-CALL (183-2255)	<a href="http://www.samsung.com/ae/support">www.samsung.com/ae/support</a> (English)
	BAHRAIN 8000-GSAM (8000-4726)	<a href="http://www.samsung.com/ae_ar/support">www.samsung.com/ae_ar/support</a> (Arabic)
	QATAR 800-CALL (800-2255)	
	TURKEY 444 77 11	<a href="http://www.samsung.com/tr/support">www.samsung.com/tr/support</a>
	JORDAN 0800-22273 06 5777444	<a href="http://www.samsung.com/Levant/support">www.samsung.com/Levant/support</a> (English)
	SYRIA 18252273	<a href="http://www.samsung.com/Levant/support">www.samsung.com/Levant/support</a> (English)
Africa	MOROCCO 080 100 22 55	<a href="http://www.samsung.com/n_africa/support">www.samsung.com/n_africa/support</a>
	SOUTH AFRICA 0860 SAMSUNG (726 7864)	
	BOTSWANA 8007260000	
	NAMIBIA 08 197 267 864	
	ZAMBIA 0211 350370	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
	MAURITIUS 23052574020	
	REUNION 262508869	
	MOZAMBIQUE 847267864 / 827267864	
	NIGERIA 0800-726-7864	
	Ghana 0800-10077 0302-200077	<a href="http://www.samsung.com/africa_en/support">www.samsung.com/africa_en/support</a>
	Cote D'Ivoire 8000 0077	
	SENEGAL 800-00-0077	<a href="http://www.samsung.com/africa_fr/support">www.samsung.com/africa_fr/support</a>
	CAMEROON 7095-0077	
	KENYA 0800 545 545	
	UGANDA 0800 300 300	
	TANZANIA 0800 755 755 / 0685 889 900	
	RWANDA 9999	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
	BURUNDI 200	
	DRC 499999	
	SUDAN 1969	



## Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.