SAMSUNG

WAM550/WAM551

Wireless Audio - Multiroom M5

User Manual (iOS)

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Thank you for purchasing this Samsung product.
To receive more complete service,
please register your product at
www.samsung.com/register

Safety Information

Regulatory Compliance Statements

	CAUTION 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.	**CAUTION**: 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.

FCC Statement: (for U.S.A)

Federal Communication Commission Interference Statement

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 of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet that is on a different circuit than the outlet the receiver is connected to.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For products available in the US and Canadian markets, only channels 1~11 are available. You cannot select other channels.

This device and it's antennas must not be co-located or operated in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

This device operates in the 5.15~5.25GHz frequency range. It is restricted to indoor environments only.

IMPORTANT NOTE

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated so there is at least 8 inches (20cm) between the radiator and your body.

IC Statement: (for Canada)

CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada license-exempt RSS standard(s). 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.

For products available in the US and Canadian markets, only channels 1~11 are available. You cannot select other channels.

This device and it's antennas must not be co-located or operated in conjunction with any other antenna or transmitter except in accordance with IC multi-transmitter product procedures.

This device may automatically discontinue transmission if there is no information to transmit, or an operational failure. Note that this is not intended to prohibit the transmission of control or signaling information or the use of repetitive codes where required by the technology.

To reduce potential for harmful interference to co-channel mobile satellite systems, this device operates in the 5150-5250 MHz band, and is for indoor use only.

IMPORTANT NOTE:

IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated so there is at least 8 inches (20cm) between the radiator and your body.

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 center 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 suffication.

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 center 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 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 center.
- Do not drop the product. In case of a mechanical breakdown, disconnect the power cord and contact a Samsung service center.
  - 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 center.
- 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.

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 : iOS (4.3 or above)

NOTE

✓ Some devices may not be compatible with the product.

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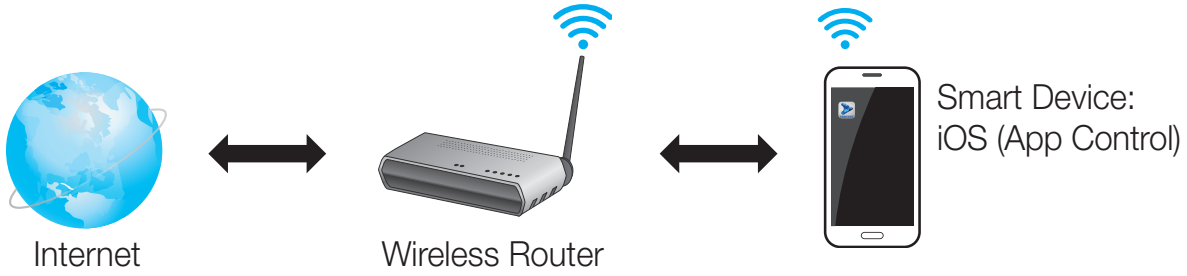
Understanding Your M5

Before you begin

Communication Basics



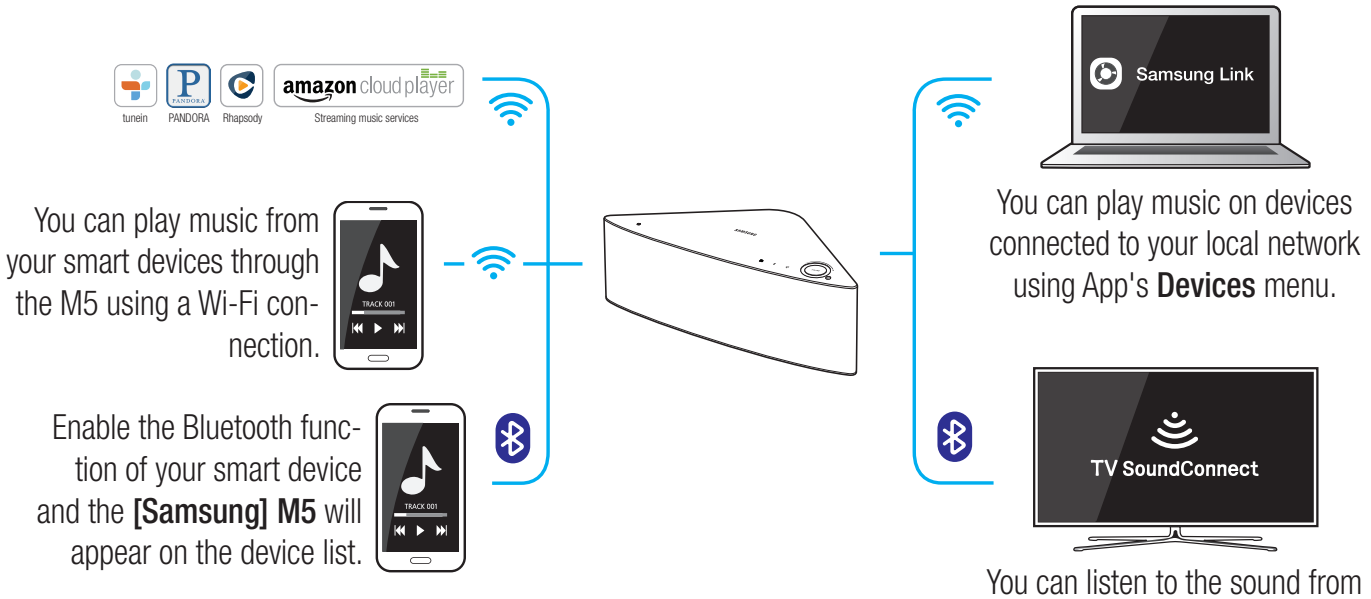
1. Requirements: Wireless Router, Smart Device
2. The wireless router should be connected to the Internet.
3. The smart device should be connected to the router via a Wi-Fi connection.

Basic Connection

- If you have a HUB, you can use two or more M5s in a multi-room configuration.

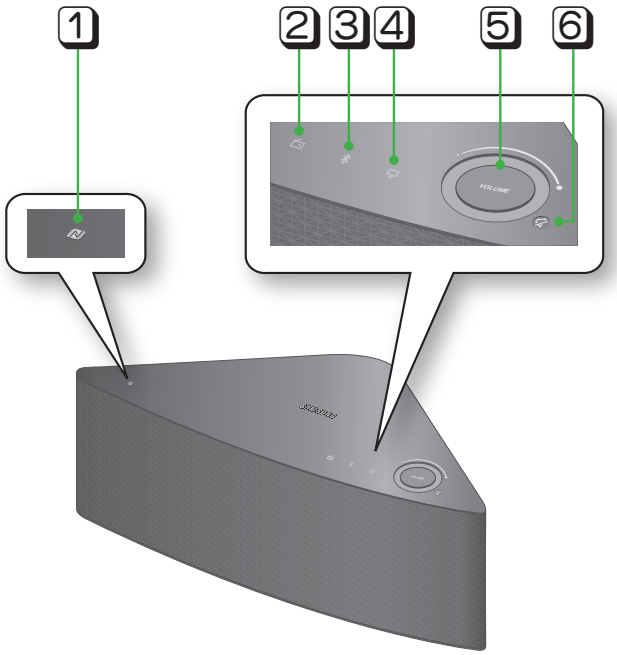
How you can enjoy your M5

- Stream music through Internet radio, music services, or from the cloud.
- Play music through a Wi-Fi connection from your smart device.
- Play music from your phone, PC, or smart devices via Bluetooth.
- Use the TV SoundConnect function to play sound from your Samsung TV.
- If you have connected a HUB, you can configure multiple M5s in a Multi-room set-up with Internet radio, music services, and Samsung Link.
  - Note that Bluetooth and TV SoundConnect are not configured for Multi-room set-ups.



Getting Started

Top Panel

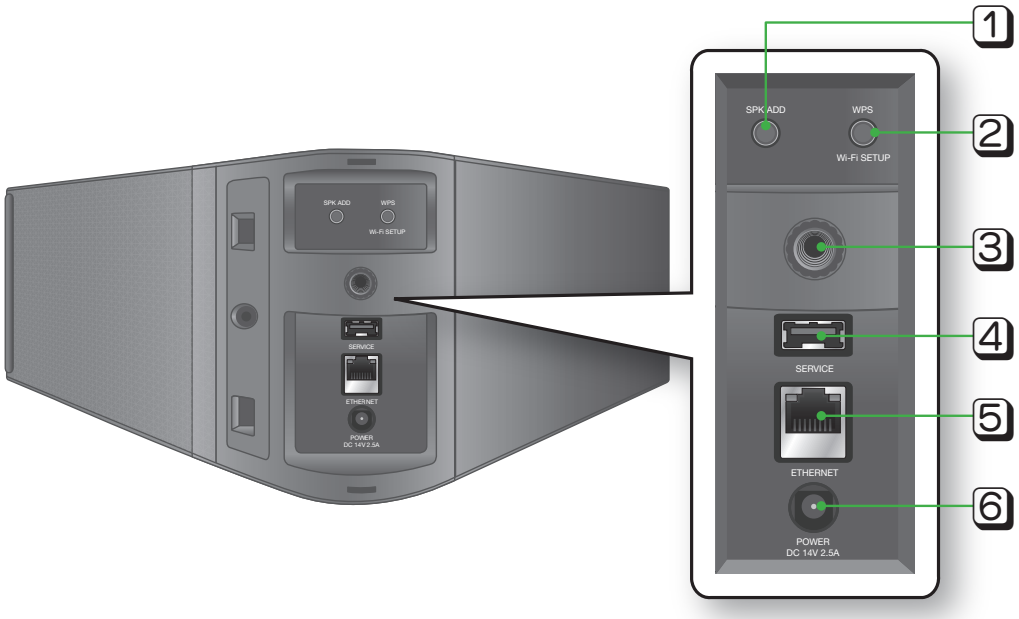


1	**NFC Tag**	Connect your NFC compatible device via Bluetooth to the M5 using the simple NFC tagging procedure. (Android only)
2	**Internet Radio Preset**	Press this button to listen to an Internet radio station. Each time you press the button, you change the radio station.
3	**Bluetooth button**	Press this button to enable Bluetooth.
4	**TV SoundConnect button**	Press this button to enable TV SoundConnect.
5	**Volume Control**	Controls the volume level. Touch and drag softly with your finger to make adjustments. This will not work if you press with excessive force.
6	**Mute button**	Mutes the sound from this M5. Press again to restore the sound to the previous volume level.

NOTES

- ✓ When you turn on the M5, touch buttons appear on its top panel.
- ✓ Press and hold the **Mute** button for more than 5 seconds to place the M5 into Sleep Mode.
- ✓ Press and hold the **TV SoundConnect** button for more than 5 seconds to reset the TV SoundConnect and connect a new TV.
- ✓ You can listen to a radio station by pressing the **Internet Radio Preset** button on the top panel of the M5. Each time you press the button, the M5 changes the station.

Rear Panel



1	SPK ADD button (Speaker Add)	Press this button to add an M5 to your network.
2	WPS/Wi-Fi SETUP button	Press this button to connect your M5 to your network using WPS or Wi-Fi setup.
3	Wall Mount	You can purchase a wall-mount to hang your product on the wall. (For more information, please refer to page 17.)
4	SERVICE	For service only. Lets service technicians update the firmware of the M5.
5	ETHERNET	Lets you connect the M5 to your network using a LAN cable.
6	POWER	Connection for the M5's power adapter.

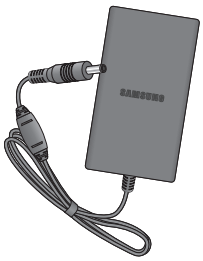
NOTES

- ✓ SPK ADD Button: Press for 1 second to pair your M5 with a HUB.
- ✓ WPS / Wi-Fi SETUP Button:
  - Press for 1 second to connect the M5 to your wireless router using WPS.
  - Press and hold down for more than 5 seconds until you hear a fast, 3 note beep to connect the M5 to your network through your smart device using the Wi-Fi Setup method.

Accessories

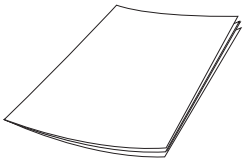
Confirm you have the supplied accessories shown below.

Wireless Audio - Multiroom M5

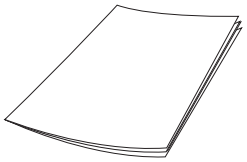


Power Adapter (BN44-00659A)

Stand (WAM550 : AH96-02814A WAM551 : AH96-02814B)



User manual (AH68-02695A)



Getting started (AH68-02696A)

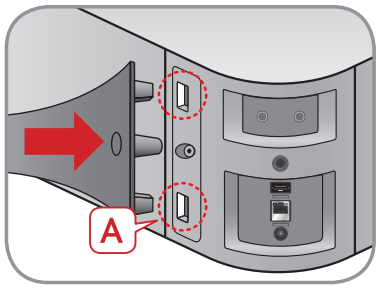
Available Accessories (Not Included)

HUB: WAM250

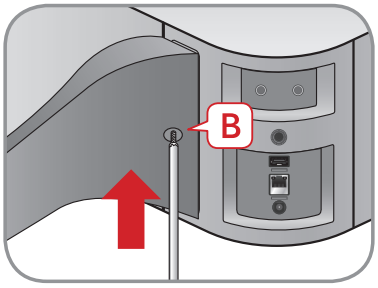
NOTES

- ✓ Information on available accessories and their release dates can be found on the Samsung website.
- ✓ When purchasing an accessory, check whether it is compatible with the M5.
- ✓ Use authentic Samsung accessories. Damage and problems caused by unauthorized accessories can void your warranty.

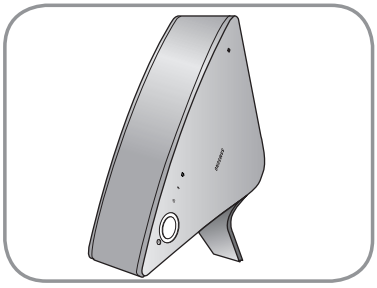
Connecting the Stand



- Insert the stand into slot A of the M5.



- Tighten a screw at B.



- The M5 can now be installed vertically.

Caution

✓ Do not place the M5 on an unstable surface.

Sleep Mode

In Wi-Fi / Bluetooth / TV SoundConnect mode

- The M5 switches to the sleep mode if there is no music playback or no button operation (either from the top panel or from the app) for 25 minutes.

NOTES

✓ While playing music in the Wi-Fi, Bluetooth, or TV SoundConnect connection modes, the M5 will not switch to the Sleep mode.

✓ To switch to the Sleep mode manually, press and hold the Mute button for more than 5 seconds.

Installing on a wall

You can purchase your preferred wall-mount additionally to install the product on a wall if you want.

Considerations for purchasing

For weight and hole size, refer to page 62.

- Endurable load : Above 5.1 lbs
- Hole size : 1/4 - 20 threaded insert

NOTES

✓ Since Wall-mount installation is optional, you should additionally purchase corresponding accessories

✓ Please have a qualified installer install the Wall Mount Bracket.

✓ Ask professional installation company to mount your product on the wall.

✓ Check the strength of the wall before you install the Wall Mount Bracket. If the strength is insufficient,make sure to reinforce the wall before installing the Wall Mount Bracket and the M5 on the wall.

✓ For more information, please refer to the Wall Mount's manual.

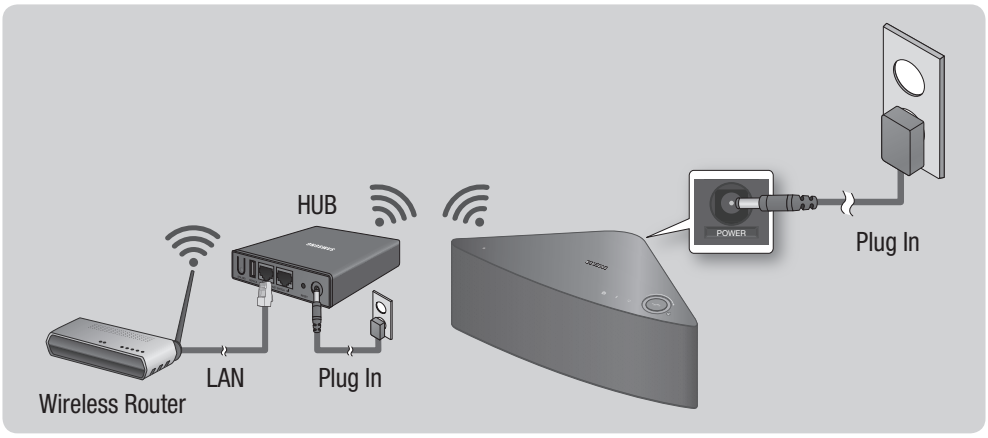
✓ Samsung Electronics is not liable for any damage to the product due to the product being installed inappropriately.

Connections

Connecting with a HUB (Not Included)

- If the M5 fails to connect to your network or its network connection operates abnormally, place the M5 closer to the HUB or your router and try again.
- The M5 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.

Connecting the M5(s) to Your Network with a HUB (Not Included)



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 (⏻) and the HUB ( ) indicators on the HUB's front turn on.
When the pairing indicator ( ) begins to flash, plug the M5(s) into an outlet.
The pairing indicator on the M5 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 M5s, connect all the M5's to electrical outlets. If you are not connecting all the M5s, refer to pages 33~35. Press here

4 Wait until the pairing indicator on the M5 stops flashing. If the M5's LED indicator turns solid blue, pairing is complete. The M5 may also beep.

NOTES

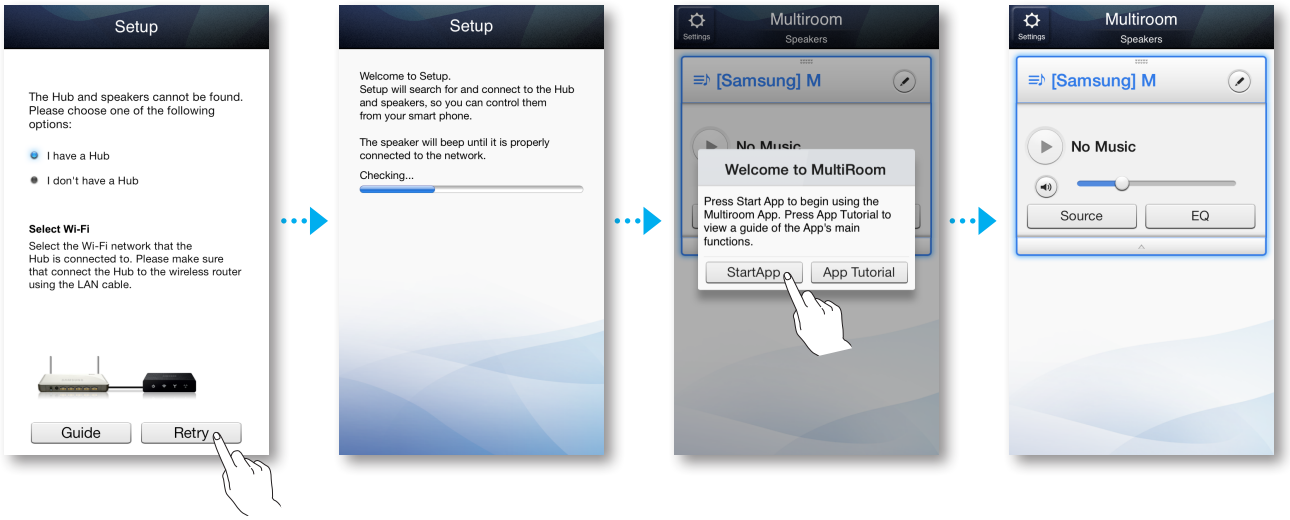
- ✓ Place each M5 at least 20 inches (50 cm) from the HUB when connecting them to the HUB.
- ✓ Your smart device cannot connect to the M5 or the HUB if there is no wireless router.
- ✓ To confirm you have a proper connection, check the pairing indicator on the front of the HUB.
  - When you turn on the 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 M5s, the pairing period is reduced to 10 minutes. The pairing indicator ( ) flashes for 10 minutes or until pairing occurs. Turn on the M5 you want to pair while the pairing indicator is flashing.
  - If pairing mode has expired, press the **SPK ADD** button on the rear of the HUB to turn on pairing mode again. Then, turn the M5 off and then on or press the **SPK ADD** button on the rear of the M5 to link the M5 to the HUB.
- ✓ For a proper connection, connect the HUB to your router before turning on the M5.
  - Connecting the M5 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 the App Store of your smart device.

7 On your smart device, select the **Samsung Multiroom** app. Setup starts.

8 If the automatic setup fails, run the App again and follow the instructions in the app guide on your device to connect the M5 and the HUB.



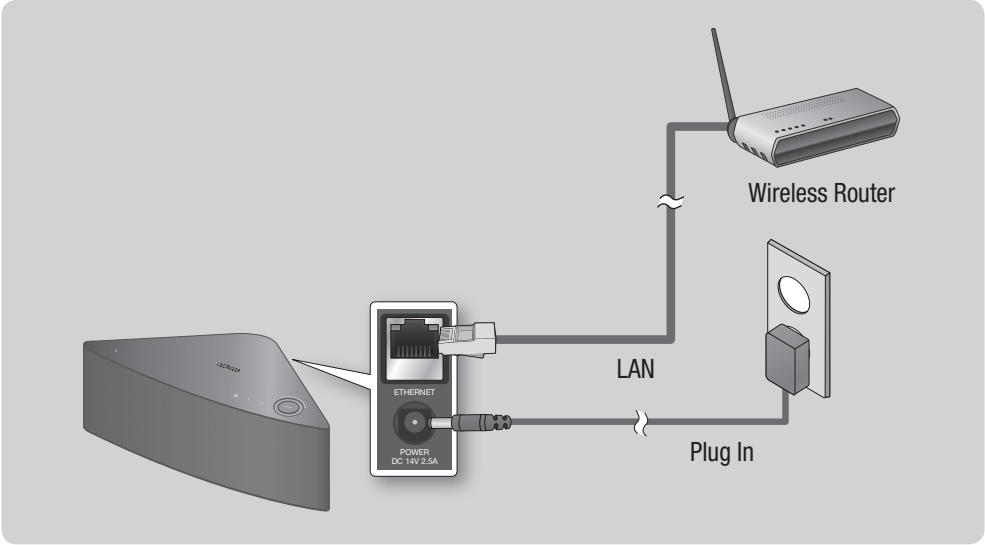
NOTE

✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own choosing.

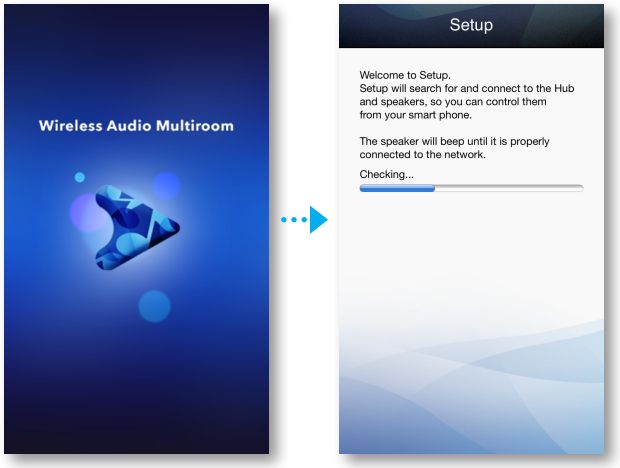
Connecting without a HUB (Not Included)

- If the M5 fails to connect to your network or its network connection operates abnormally, place the M5 closer to the HUB or your router and try again.
- The M5 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.

Connecting the M5 to Your Network with a LAN Cable (For a Single M5)

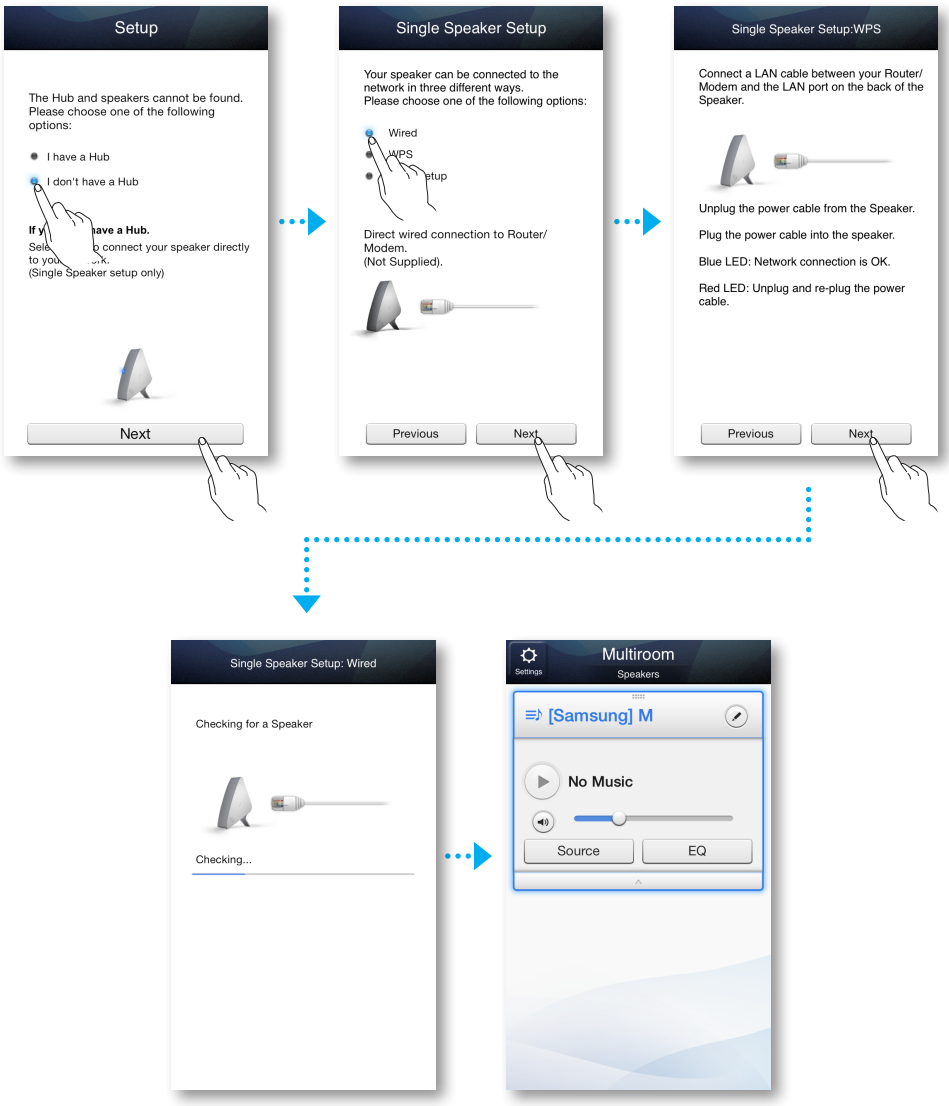


1. Connect one end of the LAN cable to the M5's **ETHERNET** port. Connect the other end to your wireless router. (You cannot use the M5 without a wireless router.)
2. Plug the M5 into an electrical outlet. The LED pairing indicator starts to blink.
3. Connect your smart device to your Wi-Fi network.
4. Download the **Samsung Multiroom** app from the App Store of your smart device.
5. On your Smart device, select the **Samsung Multiroom** app. Setup starts.



6 In the app, select "**I don't have a Hub**", and then press **Next**. On the next screen, select **Wired**, and then press **Next**.

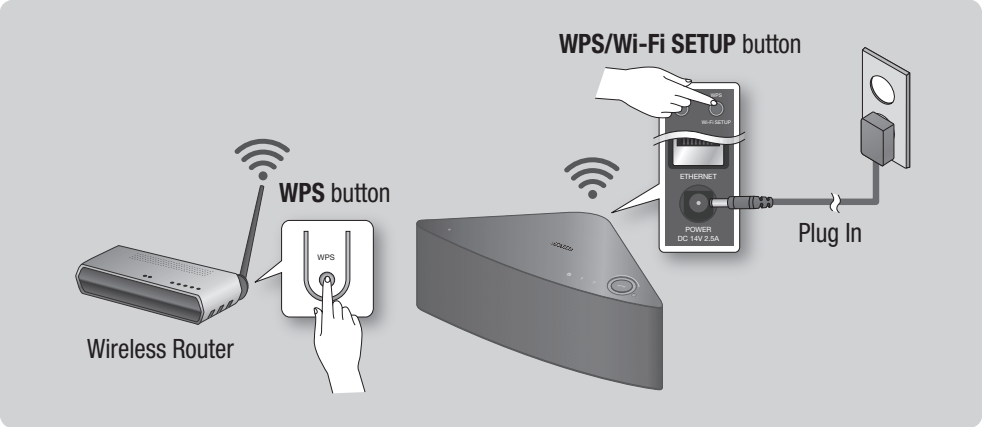
7 Unplug the M5's power cable, and then plug it in again.



NOTE

✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own choosing.

Connecting the M5 to Your Network via the WPS Method (For a Single M5)

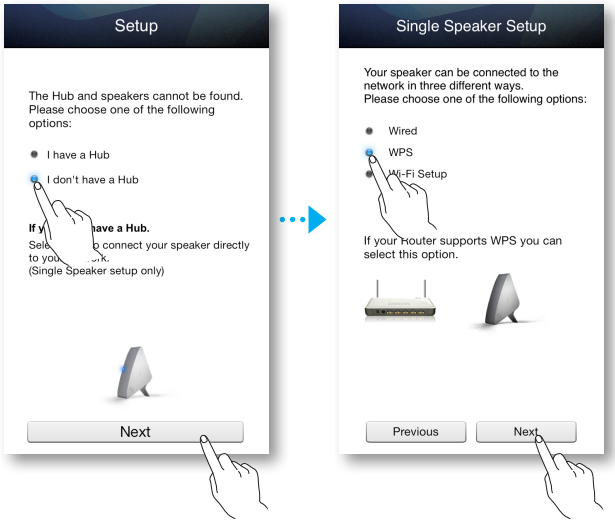


NOTES

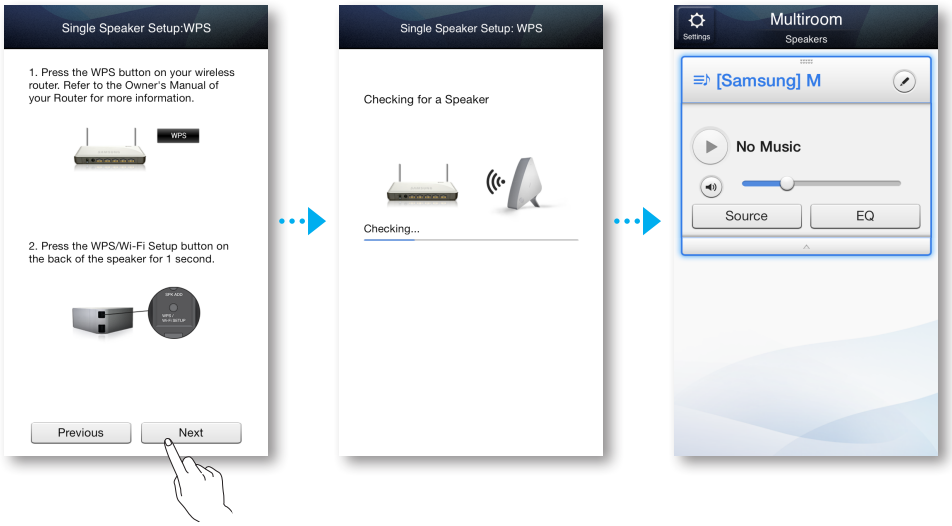
- ✓ The M5 does not support Wi-Fi Direct or Wi-Fi Setup (tethering).
- ✓ Some Wi-Fi devices may search for and find the M5, but not support the connection.
- ✓ For activation of the WPS function on a relevant AP, refer to the AP's manual.
- ✓ The WPS function may not be supported on some APs.
  In that case connect to the Internet using a wired network or the M5's Wi-Fi Setup.

1. Plug the M5 into an electrical outlet. The LED pairing indicator starts to blink.
2. Connect your smart device to your Wi-Fi network.
3. Download the **Samsung Multiroom** app from the App Store of your smart device.
4. On your smart device, select the **Samsung Multiroom** app. Setup starts.

5 In the app, select "**I don't have a Hub**", and then press **Next**. On the next screen, select **WPS**, and then press **Next**.



6 Press the **WPS** button on your wireless router, and then press the **WPS/Wi-Fi SETUP** button on the back of the M5. Once the M5 is connected, the M5 produces a sound, and the LED pairing indicator on the front stops flashing.
Press **Next** on your smart device when the LED pairing indicator stops flashing.

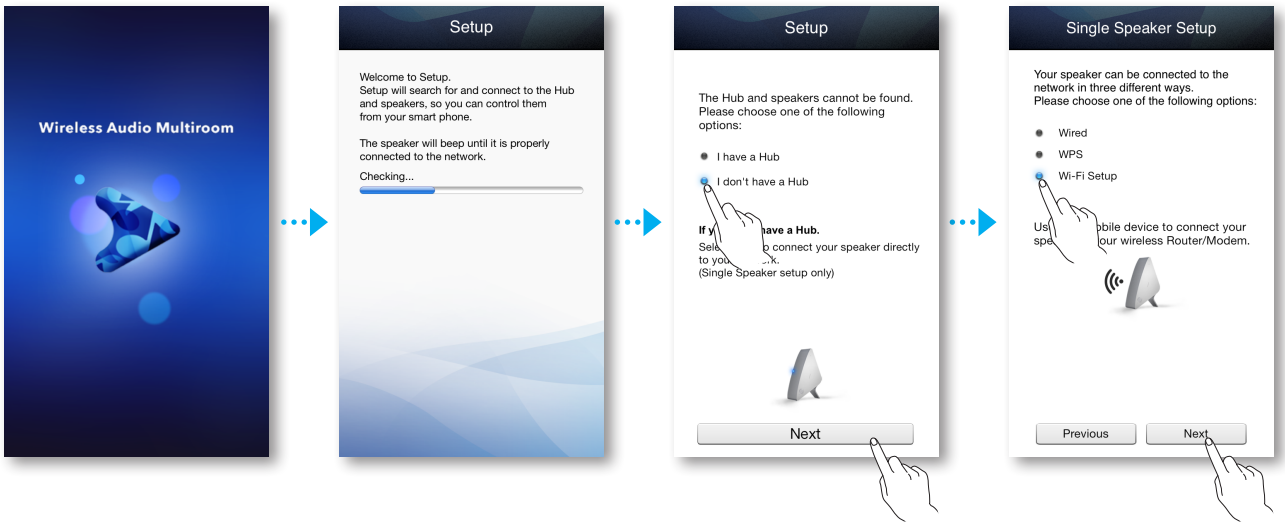


NOTES

- ✓ The M5 goes into stand-by for 2 minutes when you press the **WPS/Wi-Fi SETUP** button. While the M5 is in stand-by, press the WPS button of your router.
- ✓ For the WPS stand-by duration and the specifications of your router, refer to the router's manual.
- ✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own choosing.

Connecting the M5 to Your Network via the Wi-Fi Setup Method (For a Single M5)

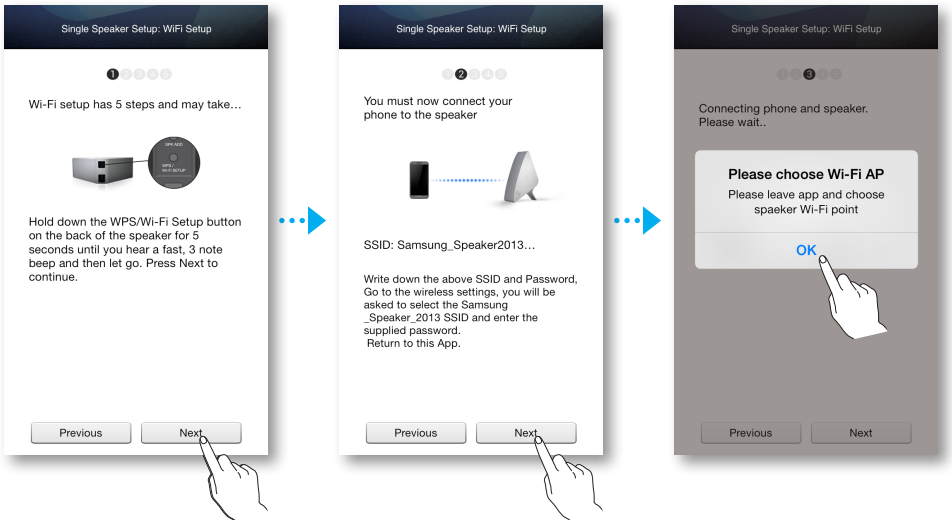
1. Plug the M5 into an electrical outlet. The LED pairing indicator starts to blink.
2. Connect your smart device to your Wi-Fi network.
3. Download the **Samsung Multiroom** app from the App Store of your smart device.
4. On your smart device, select the **Samsung Multiroom** app. Setup starts.
5. In the app, select "**I don't have a Hub**", and then press **Next**. On the next screen, select **Wi-Fi** Setup, and then press **Next**.



6 Press and hold the **WPS/Wi-Fi SETUP** button on the back of your M5 for 5 seconds. The indicator LED stops blinking and turns solid blue. You should also hear a notification sound.

7 Press **Next**.

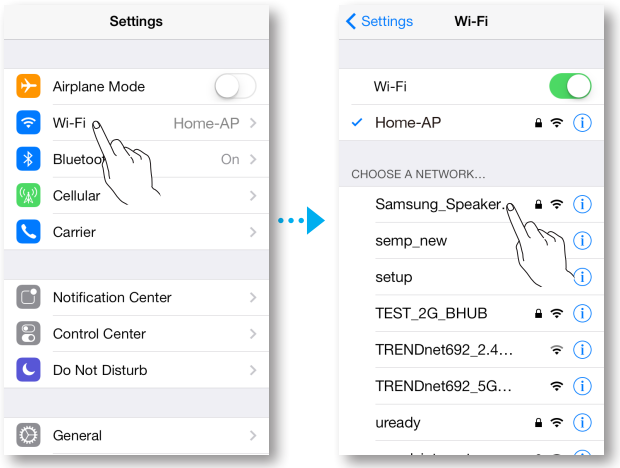
8 Press **OK**.



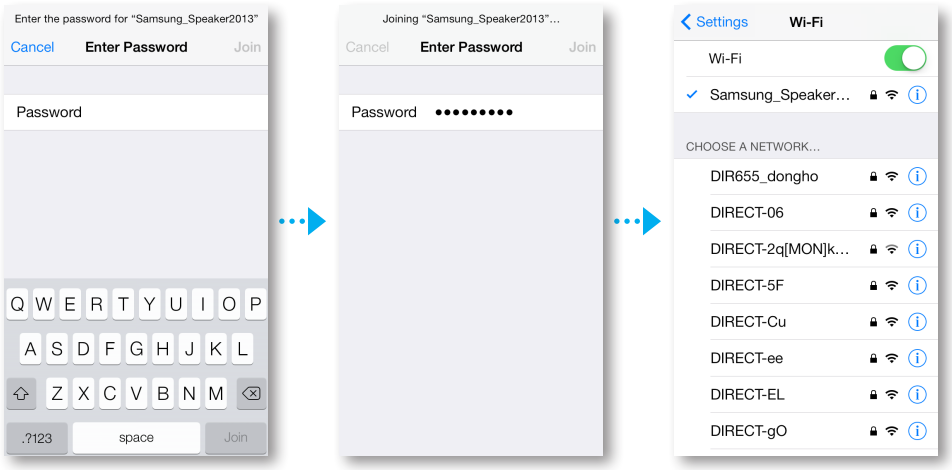
9 Press the smart device's Home button to leave app and select Settings.

10 Choose the M5's Wi-Fi point.

11 Select **Samsung_Speaker2013**. This is the default M5 name. The M5 connects to your smart device.
(The default security PIN is 1234567890.)

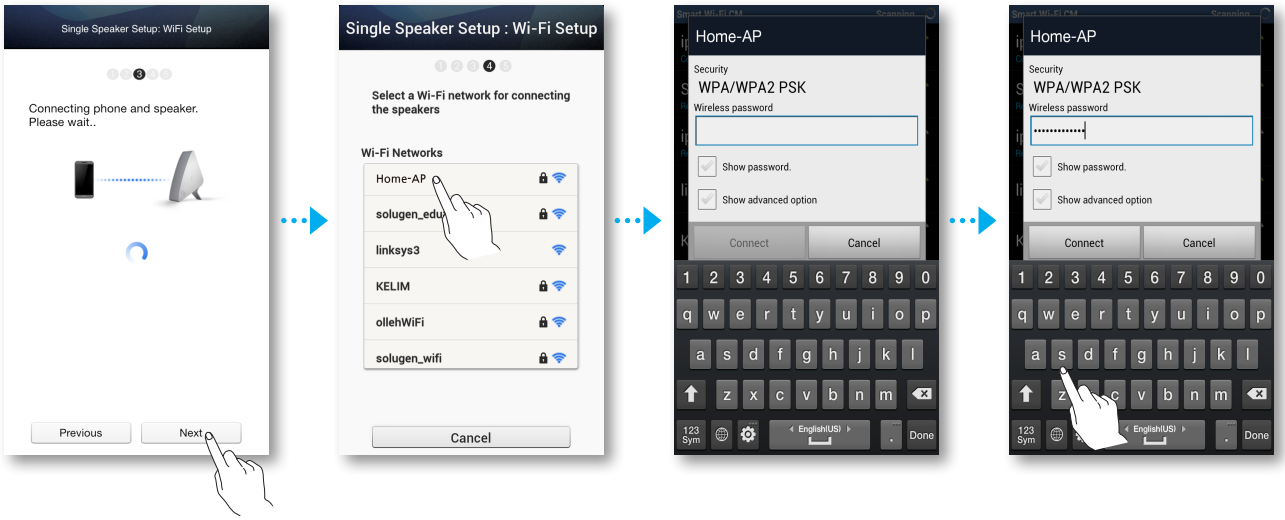


12 Use the keyboard that appears to enter your password.

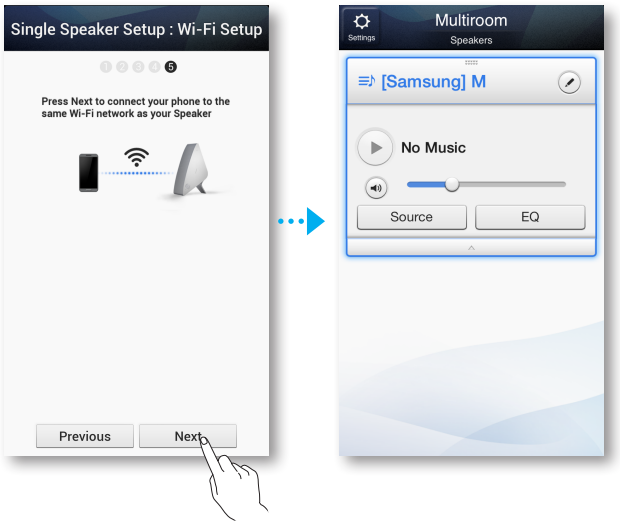


13 Press the **Next** on the app screen. The smart device lists available networks. Select your network from the list.

14 If you have a password for your network, the Security screen appears on your smart device. Use the keyboard that appears to enter your password.
When done, press **Connect**.



15 Your smart device connects to the same network your M5 is attached to. When the connection is complete, press **Next**.

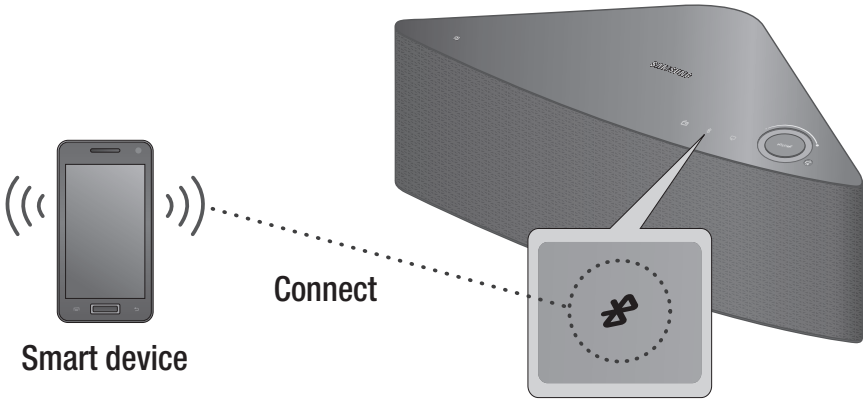


NOTES

- ✓ Connecting to a secure wireless network requires the correct password.
  - For the password of your secured home or work wireless network, consult your Internet service provider or the network administrator.
  - For the password of a Wi-Fi network in a public place such as a cafe or theater, consult the location's general manager or information center.
- ✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own choosing.

Connecting the M5 to Bluetooth Devices

You can connect the M5 to Bluetooth devices and enjoy music with high quality stereo sound, all without wires.
Bluetooth technology lets Bluetooth-compliant devices interconnect easily with each other using a short, wireless connection.
To connect a Bluetooth device to your M5, follow these steps:



1. Plug the M5 into an electrical outlet, and then press the Bluetooth button on its top panel.
2. Enable your smart device's Bluetooth function, and then select **Scan for Devices**.
3. Select the **[Samsung] M5**.
4. Select the desired track to play from your smart device's music list.
5. The M5 plays the track you selected.

NOTES

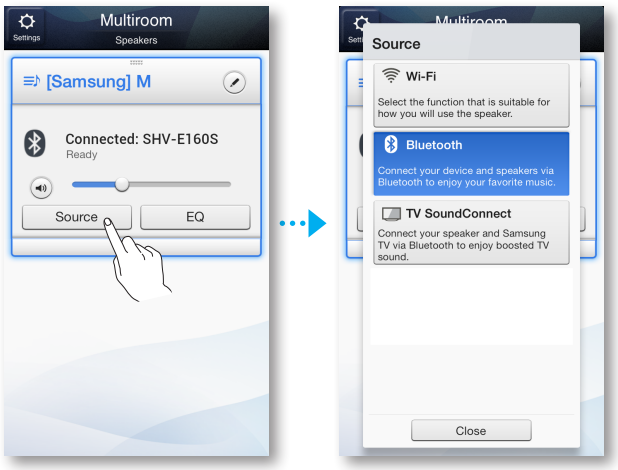
- ✓ A Bluetooth device may cause noise or malfunction, depending on usage, when:
  - A part of your body is in contact with the receiving/transmitting system of the Bluetooth device or the M5.
  - It is subject to electrical variation from obstructions caused by a wall, corner, or by office partitioning.
  - It is exposed to electrical interference from same frequency-band devices including medical equipment, microwave ovens, and wireless LANs.
- ✓ Pair the M5 with the Bluetooth device while they are close together.
- ✓ The further the distance between the M5 and the Bluetooth device, the worse the quality. If the distance exceeds the Bluetooth operational range, the connection is lost.
- ✓ The Bluetooth connection only works when the Bluetooth device is close to the M5. The connection is automatically cut off if the Bluetooth device moves out of range. Even within range, the sound quality may be degraded by obstacles such as walls or doors.
- ✓ This M5 may cause electric interference during its operation.

- ✓ In Bluetooth connection mode, the Bluetooth connection will be lost if the distance between the M5 and the Bluetooth device exceeds 16.25 ft (5m).
- ✓ You may be required to enter a PIN code (password) when connecting the Bluetooth device to the M5. If the PIN code input window appears, enter 0000.
- ✓ The M5 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 M5, the Bluetooth connection is terminated. To re-establish the connection, plug the M5 into an outlet, and then set the Bluetooth connection again.

Disconnecting Bluetooth

To disconnect the Bluetooth connection, turn off the Bluetooth function on your smart device. (For more information, please refer to the smart device's user manual.)
You can also disconnect the Bluetooth connection in the App.

1. On your smart device, select the **Samsung Multiroom** app.
2. Press the **Source** button.
3. Switch to another mode and the Bluetooth connection will terminate.

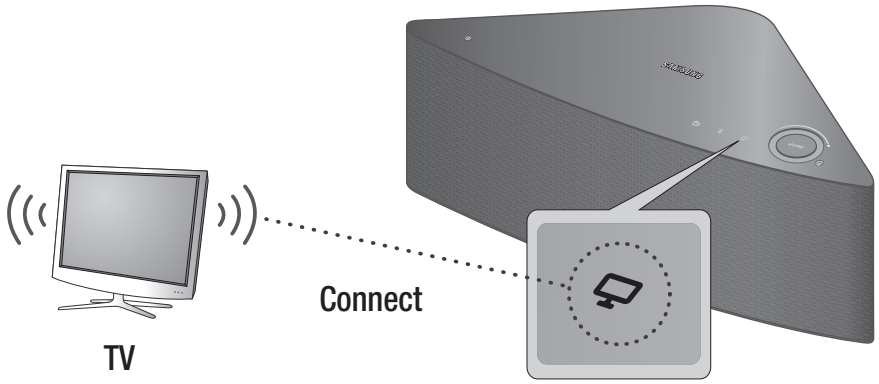


NOTES

- ✓ To establish a Wi-Fi connection, see pages 18~28. Press here
  To establish a TV SoundConnect connection, see page 31. Press here
- ✓ You can also terminate the Bluetooth connection by pressing the TV SoundConnect or Internet Radio Preset button on the M5.

Connecting with TV SoundConnect function

This section explains how to connect the M5 to Bluetooth compatible SAMSUNG TVs.



1. Plug the M5 into an outlet, and then press the TV SoundConnect button on its top panel.
2. Set **Add New Device** to **On** in the TV's TV SoundConnect Settings menu. (Refer to the TV's user manual for details.)
   A message asking whether to proceed with Bluetooth pairing appears.
3. Select **Yes**.
   The M5 pairs with the TV.
4. Select the desired track to play from your TV's music list.
5. The M5 plays the track you selected.

NOTES

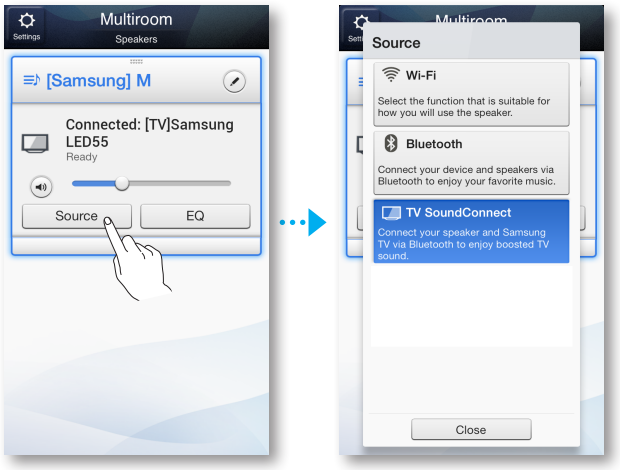
- ✓ Press and hold the TV SoundConnect button for more than 5 seconds to reset the TV SoundConnect.
- ✓ Optimal pairing distance is 3.3 feet or less.
- ✓ If you unplug the M5, the TV SoundConnect connection is terminated. To re-establish the connection, plug the M5 into an outlet, and then set the TV SoundConnect connection again.
- ✓ When the M5 is sleep mode, the TV SoundConnect connection is not terminated.
- ✓ Only one M5 can be connected to the TV via TV SoundConnect.
- ✓ Operational range of TV SoundConnect
  - Recommended pairing range: up to 1 m.
  - Recommended operating range: up to 2 m.
  - The connection may be lost or sound may stutter if the distance between the TV and the M5 exceeds 2 m.

- ✓ Before activating this function, be sure to activate the Samsung TV's SoundConnect or SoundShare mode.
- ✓ 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.

Disconnecting TV SoundConnect

To disconnect the TV SoundConnect connection, turn off the TV SoundConnect function on your TV.
(For more information, please refer to the TV's user manual.)
You can also disconnect the TV SoundConnect connection in the App.

1. On your Smart device, select the **Samsung Multiroom** app.
2. Press the **Source** button.



3. Switch to another mode and the TV SoundConnect connection terminates.

NOTES

- ✓ To establish a Wi-Fi connection, see pages 18~28. Press here
  To establish a TV SoundConnect connection, see page 31. Press here
- ✓ You can also terminate the TV SoundConnect connection by pressing the Bluetooth or Internet Radio Preset button on the M5.

Adding an M5

- Before adding an M5, unplug all M5s that are connected to the **Samsung Multiroom** app.
- If you add a new HUB and an extra M5 and connect them to the same wireless router that an existing M5 is connected to, the existing M5 will disappear from the **Samsung Multiroom** app. To re-connect the existing M5, connect it to the newly added HUB.

Adding an extra M5 to a HUB that is connected to an M5

1 Press the **SPK ADD** button on the back of the HUB.
(The Pairing indicator on the front of the HUB will blink.)

NOTE

✓ The pairing indicator ( ) flashes during the pairing mode. You plug in M5 whille the indicator is flashing.

2 Plug the M5 you are adding into an electrical outlet, and then press the **SPK ADD** button on the back of the M5.
When the M5 connects to the HUB, the M5 beeps or sounds, and the M5's LED indicator stops flashing.

3 On your smart device, select the **Samsung Multiroom** app. Setup starts.

NOTE

✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own choosing.

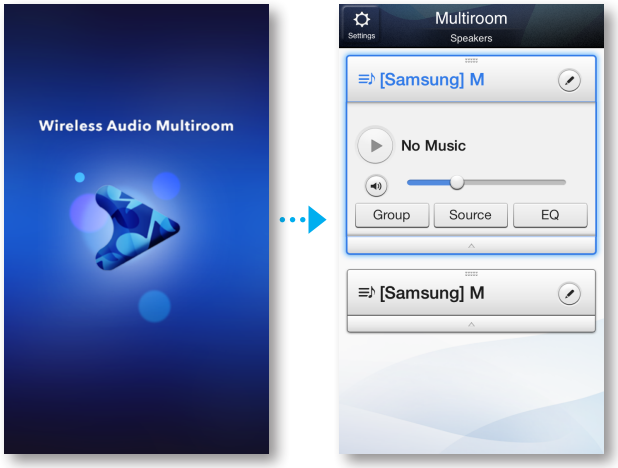
Adding another M5 and Hub to a single M5 in use

When the M5 in use is connected to the router with a LAN cable

1. Disconnect the LAN cable from the M5 in use.
2. Connect the HUB to the wireless router with the LAN cable, and then plug in the HUB's power cable.
3. Plug in the power cable of the new M5. The new M5's blue LED pairing indicator starts to flash. Wait until the pairing indicator on the M5 stops flashing. When the indicator stops flashing, pairing is complete. The M5 may also beep.
4. Turn off the old M5 by disconnecting the power cable. Then. connect it again. Press the **SPK ADD** button on the back of the M5. The M5's blue LED pairing indicator starts to flash. Wait until the pairing indicator on the M5 stops flashing. When the indicator stops flashing, pairing is complete. The M5 may also beep.
5. On your smart device, select the **Samsung Multiroom** app. Setup starts.

When the M5 in use is connected using WPS or the Wi-Fi Setup method

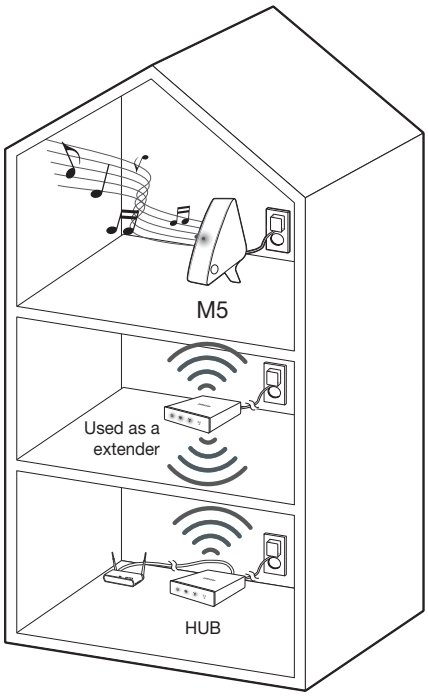
1. Connect the HUB to your wireless router with a LAN cable, and then plug the HUB's power cable into an electrical outlet.
2. Plug in the power cable of the new M5. The new M5's blue LED pairing indicator starts to flash. Wait until the pairing indicator on the M5 stops flashing. When the indicator stops flashing, pairing is complete. The M5 may also beep.
3. Turn off the old M5 by disconnecting the power cable. Then, connect it again. Press the **SPK ADD** button the back of the old M5. The old M5's blue LED pairing indicator starts to flash. Wait until the pairing indicator on the M5 stops flashing.
   When the indicator stops flashing, pairing is complete. The M5 may also beep.
4. On your smart device, select the **Samsung Multiroom** app. Setup starts.



Adding a HUB

An M5 and a HUB may not pair successfully if the M5 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 M5 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 M5 will not appear on the **Samsung Multiroom** app.
- ✓ Place the HUB that is in Repeater mode in an appropriate location between the M5 and the HUB that is connected to the wireless router.
- ✓ You can set only one HUB to Repeater mode.

Relocating the M5

When relocating your M5, refer to the below table.

Wireless router / HUB	If you want to connect your M5 to the current wireless router.	If you want to connect your M5 to a different wireless router.
Without a HUB	Turn off the M5, relocate it and then turn it on.	Turn off the M5, relocate it, then establish the new connection as described in the installation instructions on pages 18 through 28. Press here
With a HUB		Connect a LAN cable between the HUB and the new wireless router, turn on the HUB, and then turn on the M5.

Installing the Samsung Multiroom App

To use the M5, you must download and then install the **Samsung Multiroom** App by accessing the app through the 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.

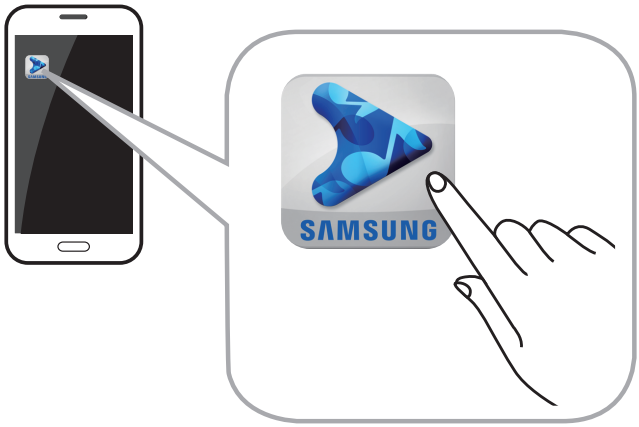
- iOS

  Market search : **Samsung Multiroom**

  Available on the App Store

Accessing the Samsung Multiroom App

To access the **Samsung Multiroom** app, press the Multiroom app icon on your smart device.



Using the Samsung Multiroom App

Renaming a connected M5

You can rename M5s connected to your network.

1 Tap the ✎ and then enter the name you want using the keyboard. When finished, select **Save**.

Switching the input source

You can switch the input source.

1 Press the **Source** button on the **Speaker List** screen.

2 Select a source from the list of sources that appears.

Changing the sort order of listed M5s

If you have added multiple M5s, this function is available. (See pages 33~35.) Press here

1 Drag the ⋮⋮ of the M5 you want to re-order up or down.

Grouping M5s

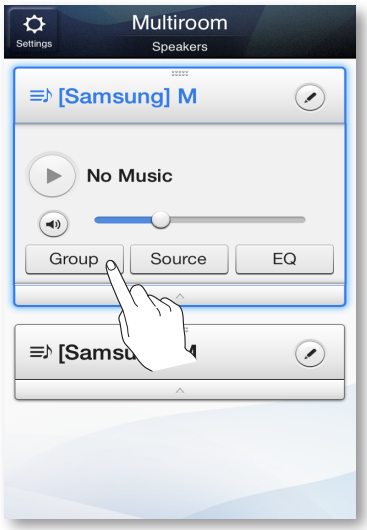
You can group multiple M5s linked to the App and play the same music on all connected M5s in the same group.

This function is available only If you have added multiple M5s. (See pages 33~35.) Press here

NOTES

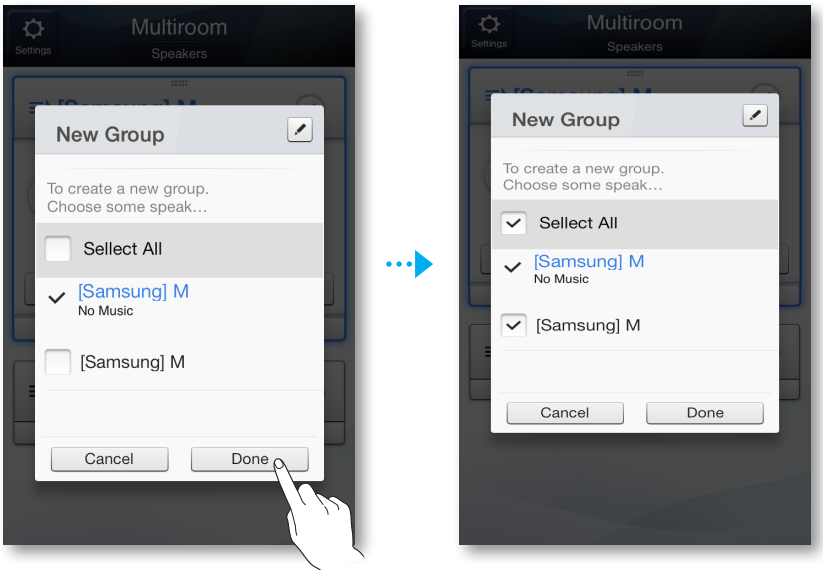
- ✓ This function is available only when M5s are connected to a HUB.
  If there are no M5s connected to a HUB, the **Group** button will not appear.
- ✓ The Group Play function is not available for Bluetooth, and TV SoundConnect connections.

1 Press the **Group** button on the **Speaker List** screen.



2 Select the M5's you want to group from the list that appears.

3 When finished, select **Done**.



NOTE

- ✓ You cannot assign an M5 to more than one group.

Renaming a Group

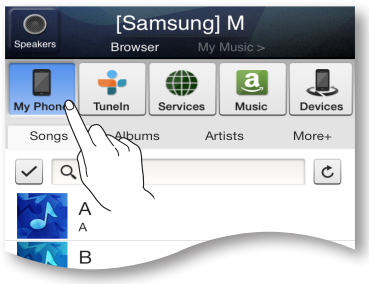
You can re-name a group of M5s.

1 Press the ✎ button, and then enter a name for the group using the keyboard. When finished, select **Save**.

Playing a Song

1 Press the button.

2 Select **My Phone**.



3 Select the desired song from the list that appears. The song plays.

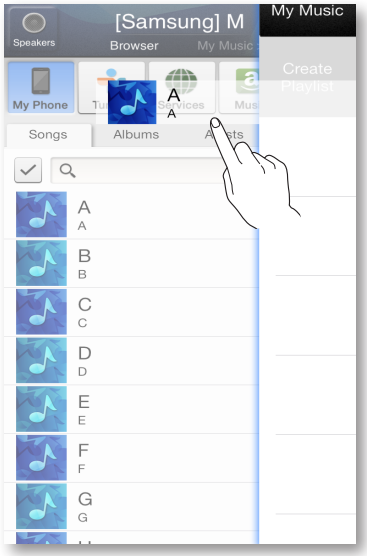
Sorting the song

You can list and sort the songs in your smart device by selecting one of the tabs on the My Music screen.

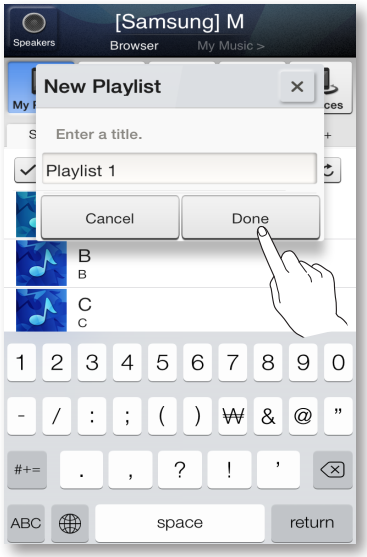
- **Songs** : Shows the list of music stored in the smart device.
- **Albums** : Shows the list of music stored in the smart device, sorted by album.
- **Folders** : Shows the list of music stored in the smart device, sorted by stored folder.
- **More +** : Shows the list of music stored in the smart device, sorted by artist and genre.

Adding tracks to a Playlist

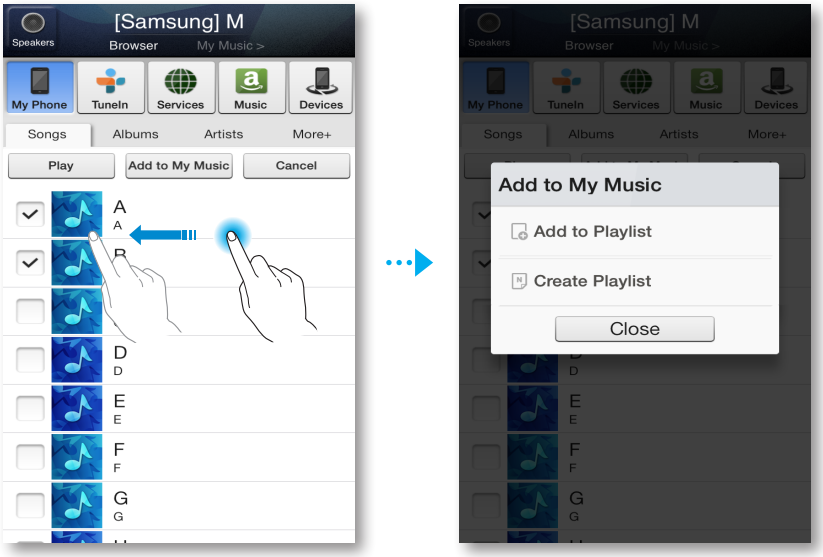
1 Touch and hold the desired file, and then drag it to the Playlist.



2 Enter a name for the playlist, and then select **Done**.

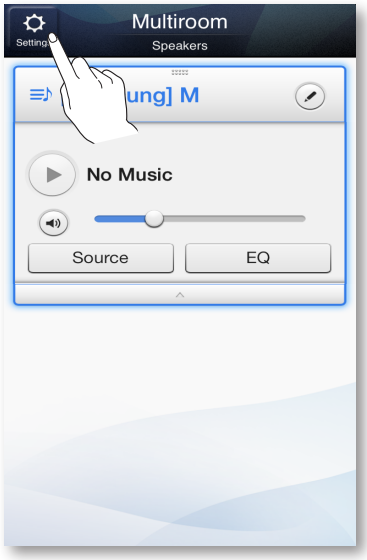


3 Swipe the screen with your finger right to left to move to My Music. The **Create Playlist** appears.

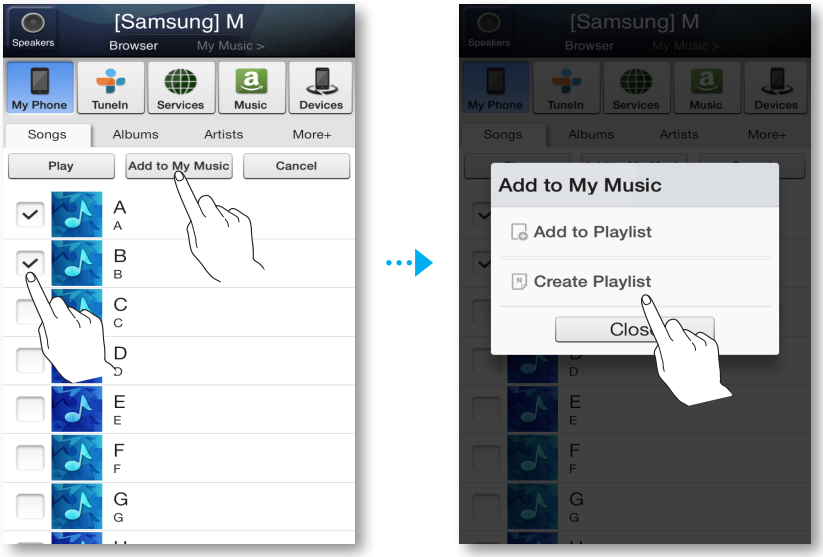


Creating a Playlist

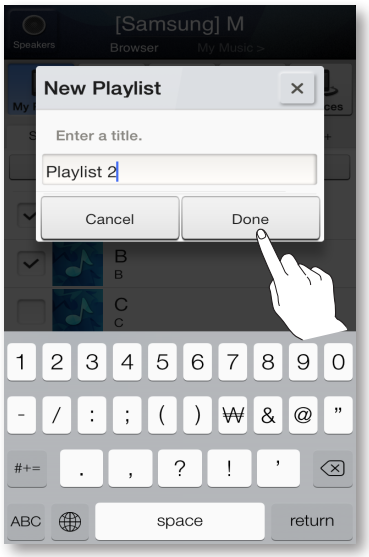
1 Press the ⚙ button.



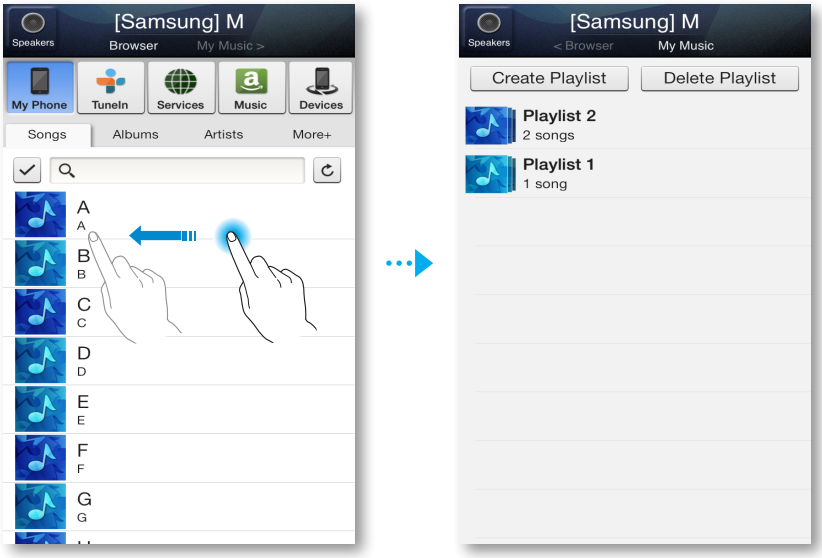
2 Select the desired tracks. When done, select **Add to My Music**, and then select **Create Playlist**.



3 Enter a name for the playlist, and then select **Done**.



4 Swipe the screen with your finger right to left to move to My Music. The Created Playlist plays.



Listening to a radio station

1 Select **TuneIn**.
The **TuneIn** screen appears with the following tabs:
- **Favorites** : Lists 3 default radio stations.
- **Browse** : Lists all supported Internet radio stations.
- **Search** : Lets your search for a desired Internet radio station using keypad input.

2 Select the desired radio station from the displayed list. The selected radio station plays.

NOTES

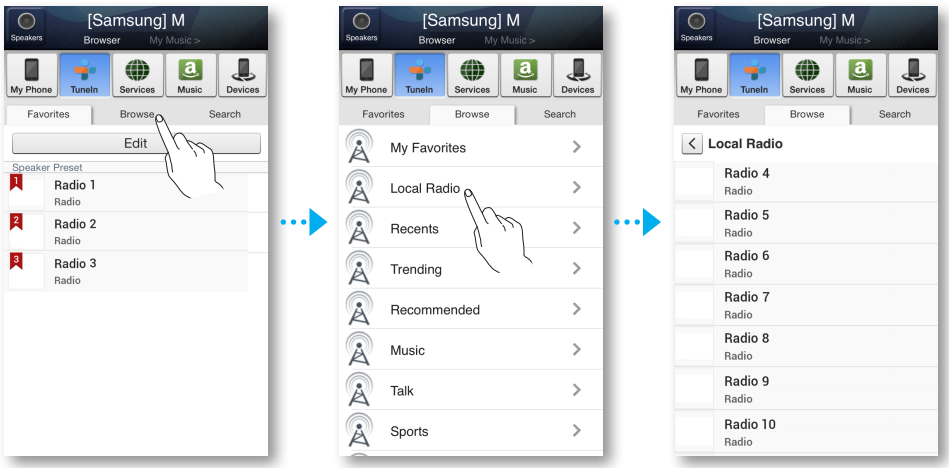
✓ You can listen to a radio station by pressing the **Internet Radio Preset** button on the top panel of the M5.
The M5 switches automatically to a default Internet radio station.

✓ Each time you press the **Internet Radio Preset** button, the M5 switches to the next default station, cycling through the 3 default stations.
To change the default stations, see page 49. Press here

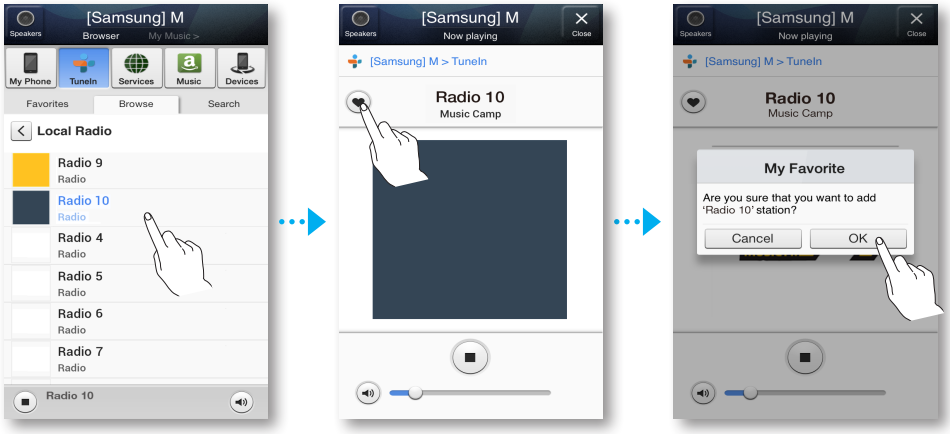
Setting My Preset

Add a channel to the **My Preset** list so you can quickly find a desired station.

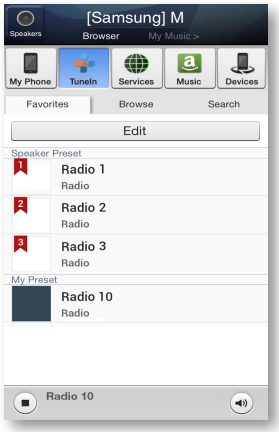
1 Search for the desired radio station using the **Browse** menu.



2 Select an item from the radio play list to display the selected radio station's front page. Touch ♥, and then select **Save**.



3 The selected radio station is added to the **My Preset** list.



Setting the Default Radio Stations in Speaker Preset

Each time you press the Internet Radio Preset button on the M5's top panel, the M5 switches automatically to a default Internet radio station.
To replace the randomly selected default Internet radio stations with your own Internet radio stations, follow these steps:

1 Press the **Edit** button to open the edit box.
Press and drag for each selection up to **Speaker Preset**, and then select **Done**.

NOTE

✓ If you press the Internet Radio Preset button and then run the App while listening to an Internet Radio station, the App jumps to the radio station editing page automatically.

Searching for a Radio Station

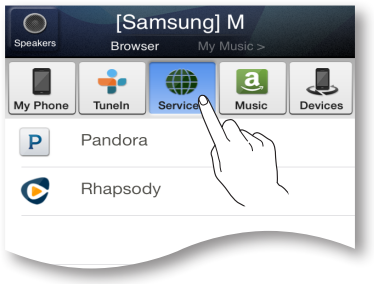
1 Select **TuneIn**.
The **TuneIn** screen appears.

2 Select **Search** to find the desired radio station.
Touch the Search box, and then enter the name or call letters of the radio station you want to search for using the keyboard.

Playing music from content providers

1 Select **Services**.

2 You can play music from content providers.



NOTES

✓ Depending on your region or manufacturer, supported contents service may differ.

✓ 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.

Playing music from the Amazon cloud player

1 Select **Music**.

2 You can play music from the **Amazon cloud player**.

Playing music from a selected device

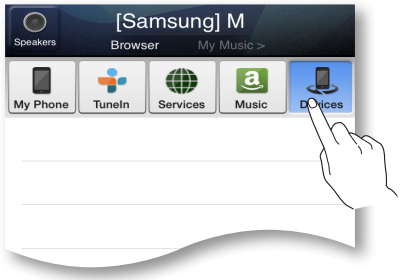
Displays a list of devices connected to your wireless router.

- You can play the music on devices connected to your local network using the M5's **Devices** menu.

1 Select **Devices**.

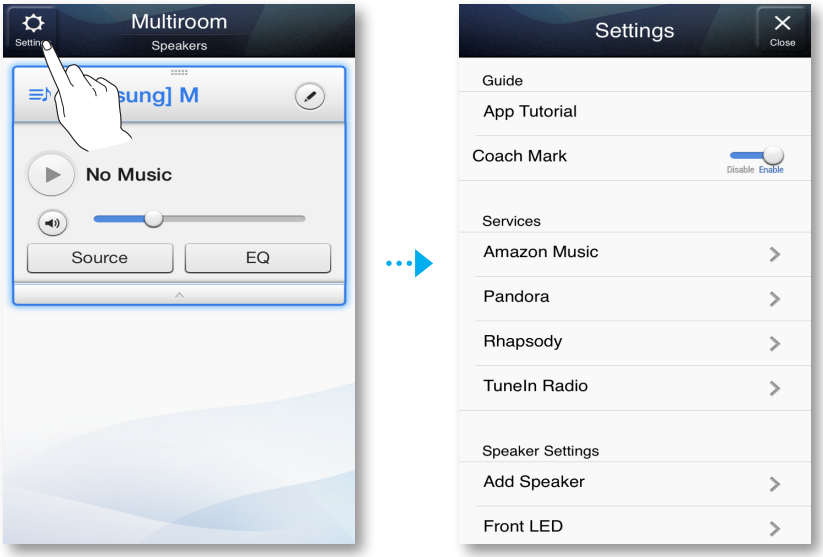
2 Select the desired device.

3 You can play music from the selected device on the M5.



Using the Settings menu

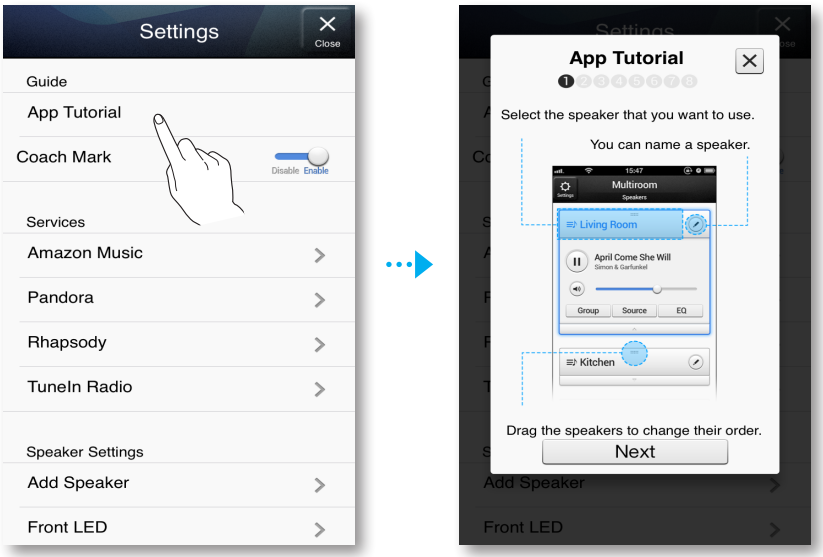
1 Press the ⚙ button.



Guide

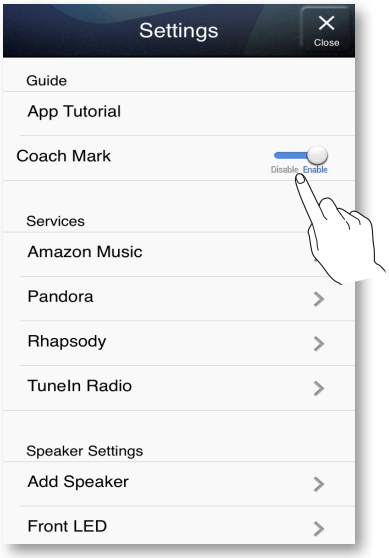
App Tutorial

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



Coach Mark

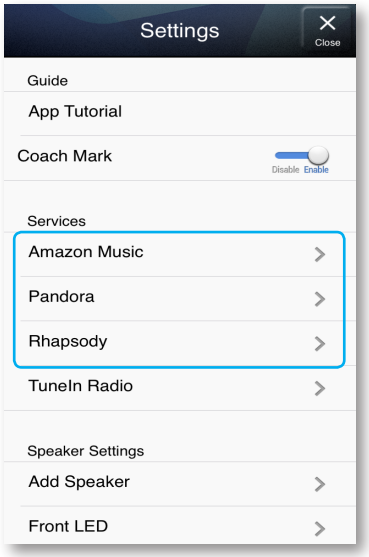
- **Disable** : The Help text is not displayed.
- **Enable** : The app displays Help text as you navigate through the screens.



Service

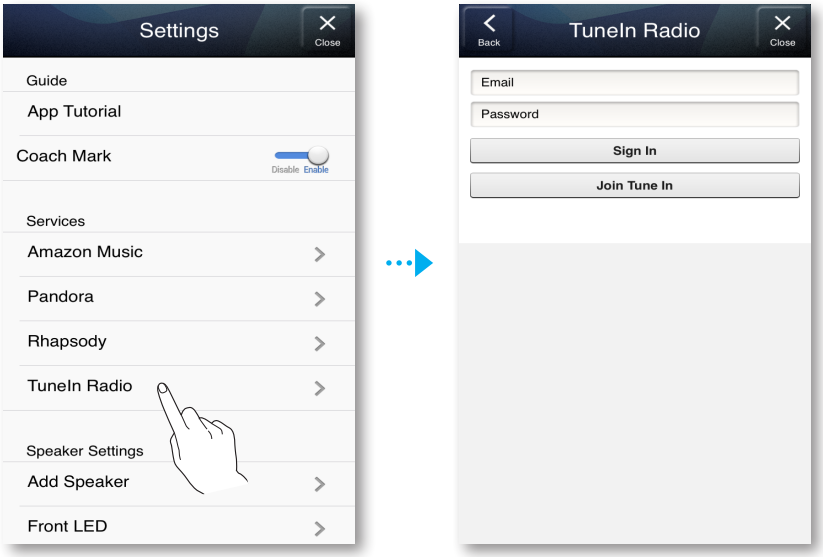
Amazon Music, Pandora, Rhapsody

Displays a list of available services.



TuneIn Radio

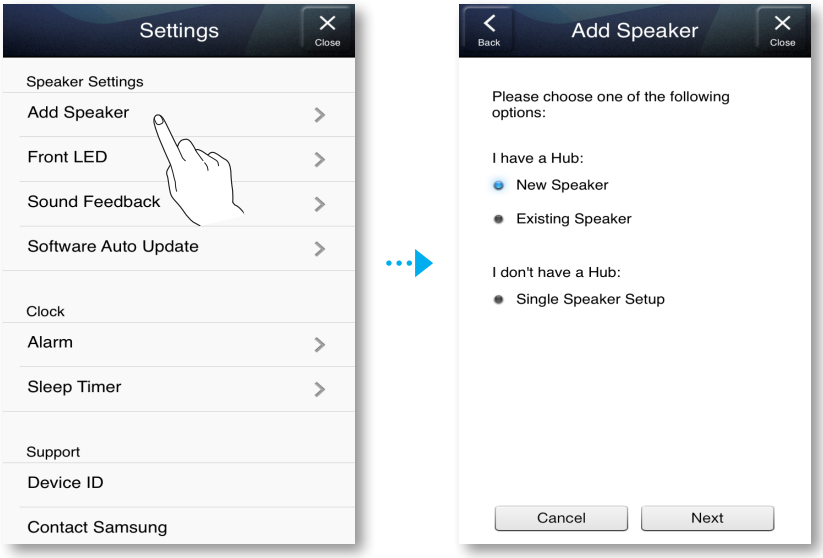
Gives you access to **TuneIn Radio**.



Speaker Settings

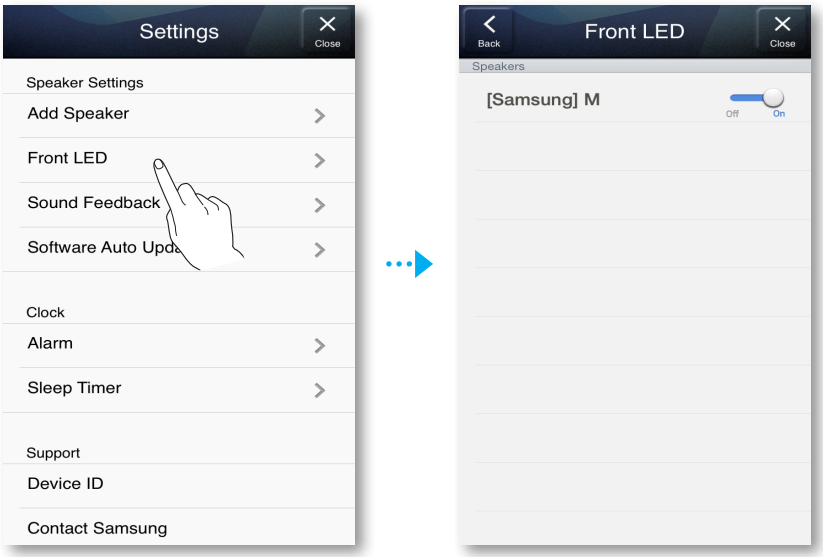
Add Speaker

Lets you can add one or more M5s to the App and enjoy the music stored in your smart device from one or more connected M5s.



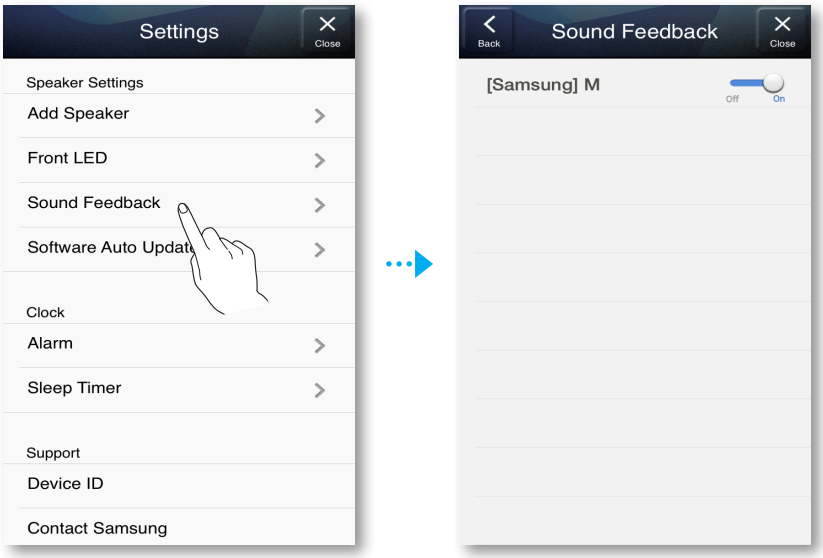
Front LED

- **Disable** : Turns off the M5's **Front LED** indicators.
- **Enable** : Turns on the M5's **Front LED** indicators.



Sound Feedback

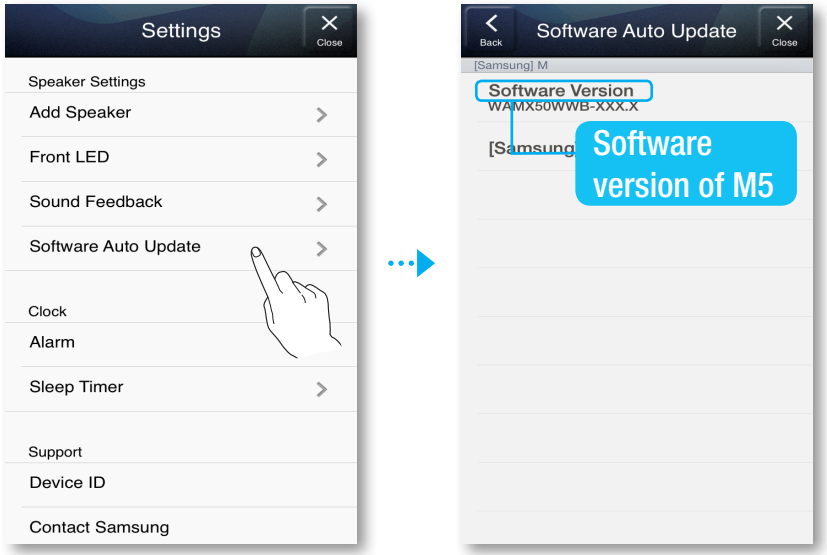
- **Disable** : Turns off the **Sound Feedback**.
- **Enable** : Turns on the **Sound Feedback**.



Speaker Auto Update

Shows the M5'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.



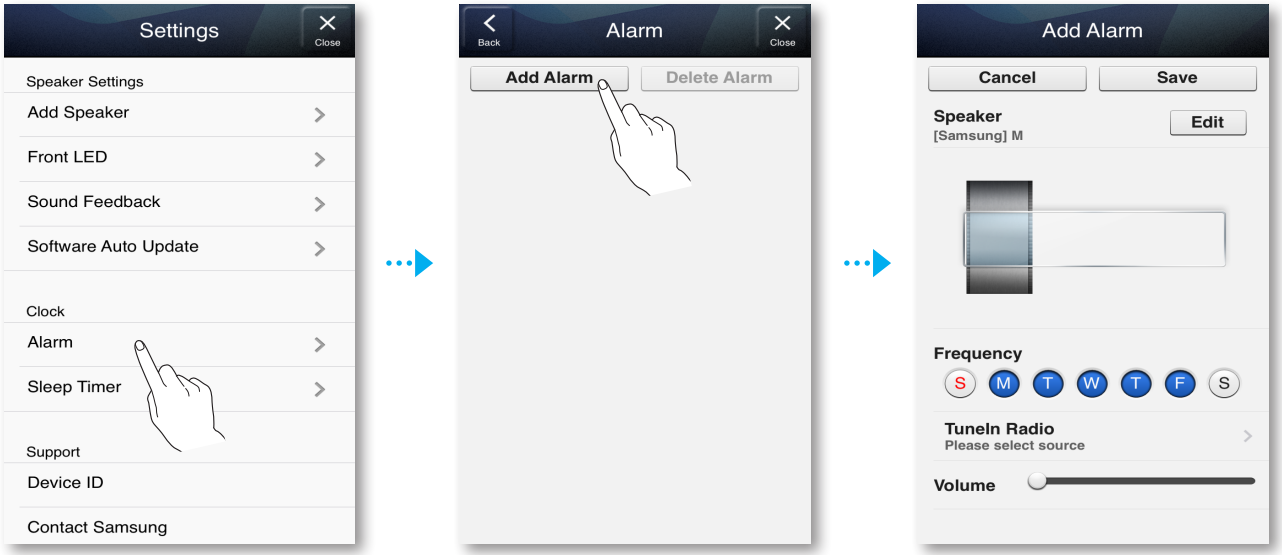
NOTES

- ✓ Auto update is available when your M5 is connected to a network and the **Speaker Auto Update** function is set to **On**.
- ✓ It is strongly recommended that **Speaker Auto Update** settings on all the M5s used are set to **On**. Problems with networked functions (such as Group Play and Ear to Hear) may otherwise occur due to incompatibility issues when a variety of M5 software versions is used on linked M5s.
- ✓ For each M5 with an outdated software version,
  1) set the **Speaker Auto Update** setting to **On** and
  2) press and hold the **Mute** button for more than 5 seconds.
  The M5 will then turn off and on so as to update its software automatically.

Clock

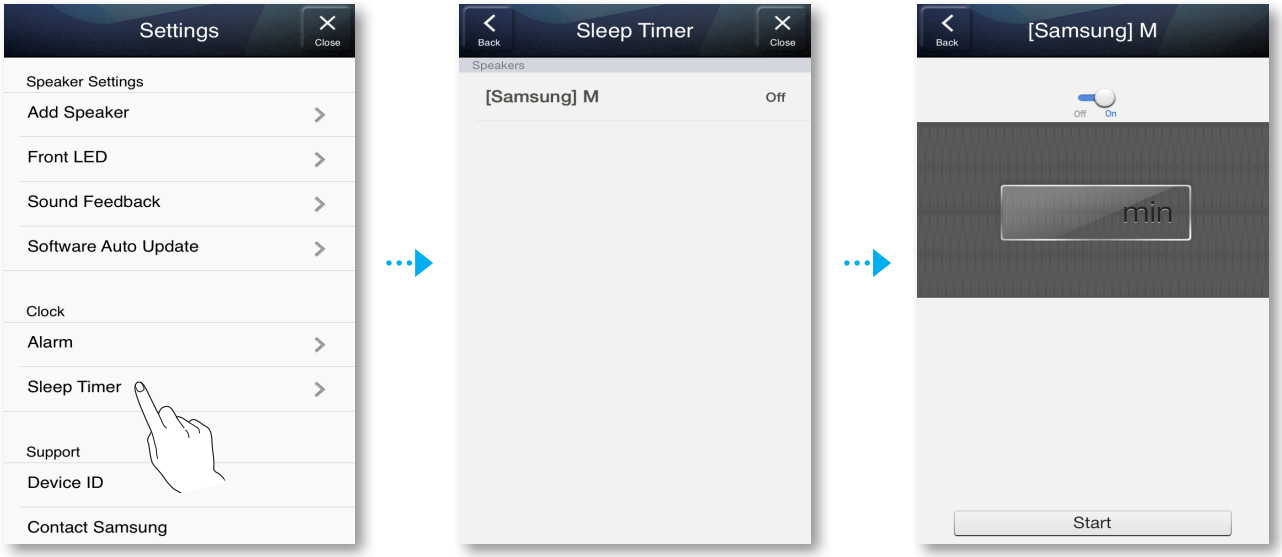
Alarm

Lets you set the **Alarm**.



Sleep Timer

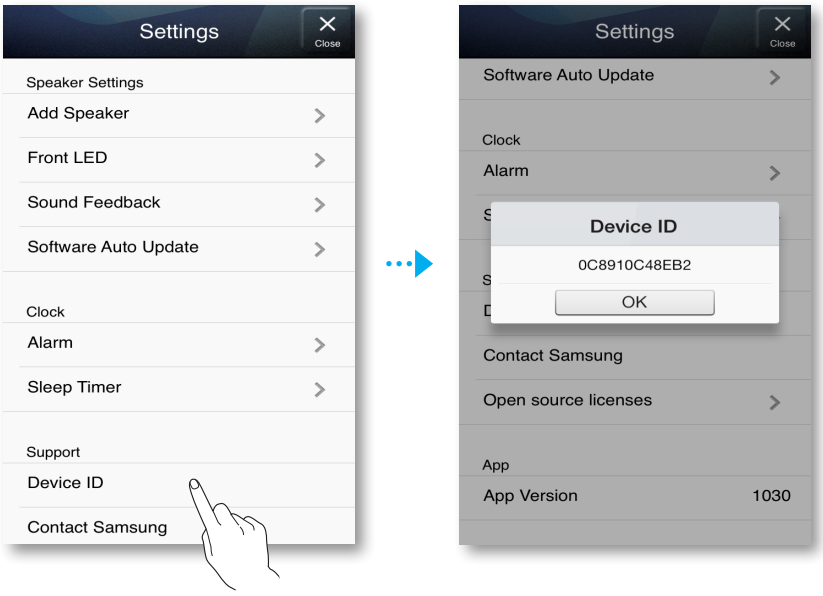
Lets you set the **Sleep Timer**.



Support

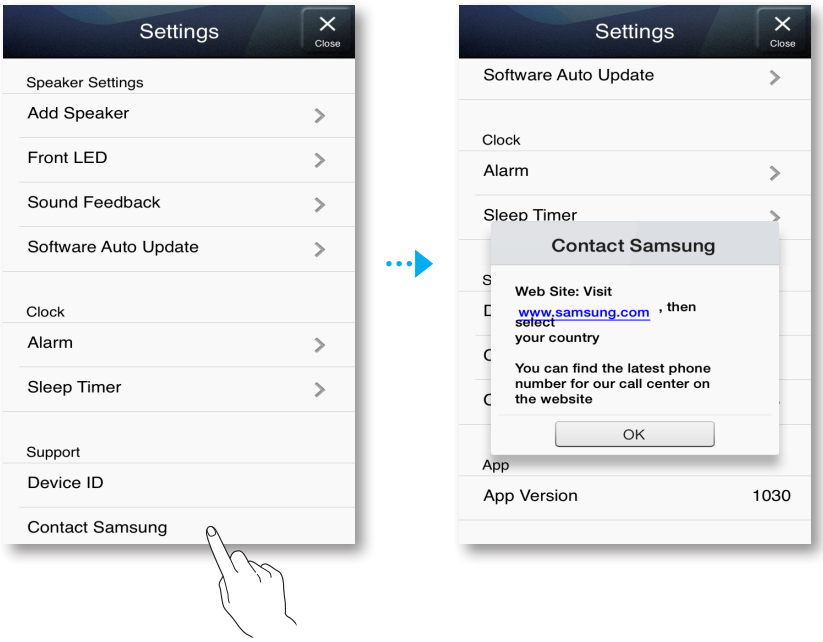
Device ID

Lets you check the **Device ID**.



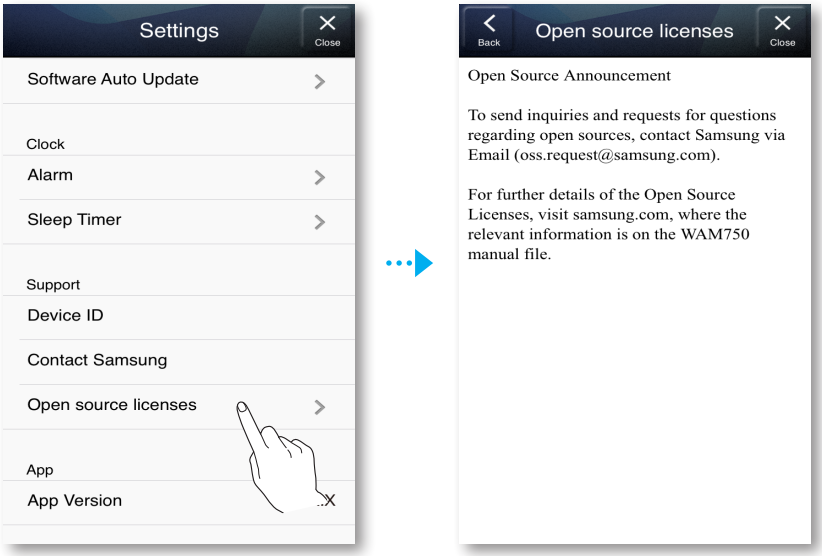
Contact Samsung

Provides a link to the Samsung website.



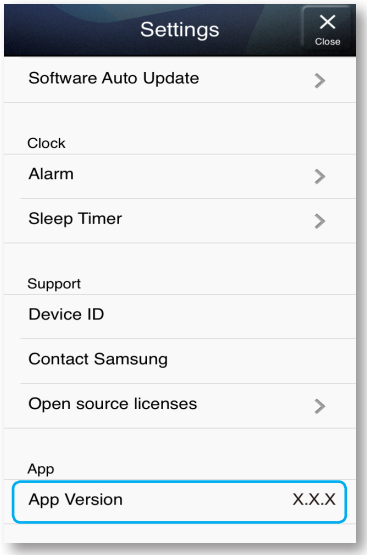
Open source licenses

Lets you view the **Open source licenses**.



App Version

Lets you view the **App Version**.



Reset your product

Resetting the M5

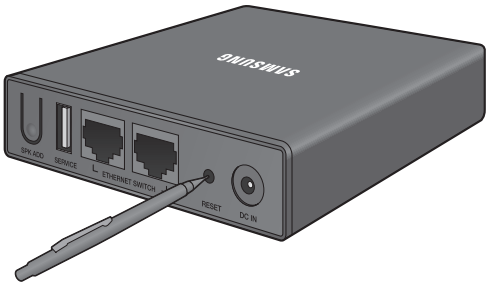
1. Press and hold both the **Internet Radio Preset** and **Mute** buttons for more than 5 seconds to reset the M5.
2. The Touch button on the M5 will blink twice.
3. Press and hold the **Internet Radio Preset** button for more than 5 seconds to reboot the M5.

NOTE

✓ After resetting the M5, stored information will be lost.

Resetting the HUB (Not Included)

1. Press and hold the reset hole with a pen tip for 5 seconds, and wait for all LEDs to begin to flash.
   Then, unplug the HUB and plug it in again.



2. Unplug and then plug in your M5s.

NOTE

✓ If you have reset the HUB, you must unlug and plug in your M5s for a proper connection with the HUB.

Appendix

Troubleshooting

Before requesting service, please check the following.

Symptom	Check	Remedy
The unit will not turn on.	• Is the power adapter plugged into the outlet?	• Connect the power adaptor to the outlet.
A function does not work when the button is pressed.	• Is there static electricity in the air?	• Disconnect the power plug and connect it again.
Sound is not produced.	• Is the Mute function on? • Is the volume set to minimum?	• Connect it correctly. • Press the Mute button to cancel the mute function. • Adjust the volume.
The TV SoundConnect (TV pairing) failed.	• Does your TV support TV SoundConnect? • Is your TV firmware the latest version? • Does an error occur when connecting?	• TV SoundConnect is supported by some Samsung TVs released after 2012. Check your TV to see if it supports TV SoundConnect. • Press and hold the TV SoundConnect button to reset the connection. • Update your TV with the latest firmware. • Contact the Samsung Call Center. • Press and hold the TV SoundConnect button for more than 5 seconds to reset TV SoundConnect and connect a new TV.
HUB doesn't work properly	• Is the HUB plugged in? • Is the LAN cable connected to the wireless router and the HUB properly? • When the Hub is plugged in, do the HUB's front indicators show it's operating properly?	• Plug in the HUB. • Connect the LAN cable to the ETHERNET SWITCH on the back of the HUB and to your wireless router. • Reset the HUB (see page 59). Press here • If you experience troubles with connecting the HUB and M5, try relocating the M5 so that the M5 is closer to the wireless router or HUB.

Symptom	Check	Remedy
M5 doesn't work properly	• Is the M5 plugged in? • Does the M5's front LED indicator remain red 5 minutes after turning on?	• Plug in the M5. • Check whether the Wi-Fi router you're using had been certified for Wi-Fi. • Unplug the M5, plug it back in, and then reconnect it to the router. • Reset the M5 (see page 59). Press here • If used with a HUB - Make sure the smart device and the HUB are connected to the same Wi-Fi network. - Make sure the HUB's indicator LED's show that it is working correctly. (See page 18, item 3.) Press here - If the problem persists, reset the HUB (see page 59). Press here - Unplug, then plug in the HUB. Then, unplug and plug in the M5. - If you experience troubles with connecting the HUB and M5, try relocating the M5 so that the M5 is closer to the wireless router or HUB.
I cannot group speakers.	• Is the product connected to the network via Wi-Fi?	• If the product is connected to the network via Bluetooth, or TV SoundConnect, you cannot use the group speakers function.

Symptom	Check	Remedy
App doesn't work properly	• Does an error occur when accessing the app?	• Make sure your smart device is compatible with the app. (See page 7) Press here • Make sure the app is the latest version. • Make sure the M5's front LED turns from red to blue. • If used with a HUB - Make sure the HUB and the smart device are connected to same router. - Make sure the HUB's indicator LED's show that it is working correctly. (See page 18, item 3.) Press here - If you experience troubles with connecting the HUB and M5, try relocating the M5 so that the M5 is closer to the wireless router or HUB.

NOTE

✓ If the problem persists, consult the service center for troubleshooting.

Specifications

General	Power Requirements	- Input : AC 100~240V 50/60Hz - Output : DC 14.0V
	Power Consumption	15 W
	Weight	5.1 lbs
	Dimensions	13,5 (W) X 6,6 (D) X 4,4 (H) inches
	Operating Temperature Range	+41°F to +95°F
	Operating Humidity Range	10 % to 75 %
Network	Ethernet	100BASE - TX Terminal
	Wireless LAN	Built-in
	Security	WEP (OPEN)
		WPA-PSK (TKIP)
		WPA2-PSK (AES)
	WPS(PBC/PIN)	Supported

- Network speeds equal to or below 10Mbps are not supported.
  (If using LAN cable, you'd better to use STP type.)
- Design and specifications are subject to change without prior notice.
- Weight and dimensions are approximate.
- Dispose unwanted electronics through an approved recycler.
  To find the nearest recycling location, go to our website: www.samsung.com/recyclingdirect or call, (877) 278 - 0799.
- This user manual is based on the product using the iOS operating system.
- For further details on using the product, visit www.samsung.com.

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LGPL software: Glibc, ffmpeg, libusb, libptp, libthai, libiconv, libmms, atk, gtk, cairo, pango, webkit, glib, libgcrypt, GNUTLS, libgpg-error, libsoup, LIBTASN1, xml2json, GIO, GAIL, GdkPixbuf, GtkPrinter, libsigc++, glibmm, getopt, GDBus, libxml++, nettle, libwbxml, RTSP, libnl, libintl

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