

WiiM Sound Lite: Smart Speaker

Perfect Sound, Any Room.

Model Name: WiiM Sound Lite

Model Number: SPK002

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1. Introduction

At WiiM, our goal is to offer you the simplest and most affordable Hi-Fi, lossless audio systems. Every product we create showcases top-tier design and an intuitive user interface. With our patented audio streaming solution integrated into all our premium products and user-friendly mobile apps, you can effortlessly enjoy music throughout your entire home.

Introducing the WiiM Sound Lite — our first-generation smart speaker designed to deliver high-fidelity audio and intuitive operation. It features a 2.1 stereo system with two tweeters and one woofer, supporting high-resolution audio playback up to 192 kHz/24-bit for exceptional sound quality. Proximity-sensing touch control buttons provide intuitive music playback control.

Designed for versatility, the WiiM Sound Lite supports both wireless and wired connections, making it easy to integrate into your existing audio setup. Voice control is available through Echo and Google Home devices, as well as with a WiiM Voice Remote product (The WiiM Voice Remote product is not included and must be purchased separately.).

Stream music directly using the WiiM Home app or from popular platforms like Spotify, TIDAL, YouTube Music, and any Google Cast-enabled apps. You can group the WiiM Sound Lite with Echo, Google Home, Alexa-compatible devices, or other WiiM products to play the same music throughout your home or different tracks in each room.

For a home-theater setup, you can pair two WiiM Sound Lite units for true L/R stereo and a wider soundstage, or combine them with other compatible WiiM components as surround speakers or a center channel to create an immersive cinematic experience.

Whether used on its own or as part of a whole-home audio system, the WiiM Sound Lite delivers a smooth, immersive listening experience that’s both smart and enjoyable.

1.1. Typical Use Cases

The WiiM Sound Lite is designed to deliver high-fidelity audio with streaming capabilities and smart features. Here are a few common use cases for the WiiM Sound Lite:

- **Hi-Fi Music:** Stream high-resolution music from popular services or your personal library stored on a computer or network-attached storage (NAS), and enjoy gapless playback up to 24-bit/192 kHz.
- **Living Room Cinema:** Pair two WiiM Sound Lite units for true L/R stereo and a wider soundstage, or combine with other compatible WiiM components as surround or center speakers to create a more immersive home-theater experience.
- **Kitchen & Bedrooms:** Use Alexa or Google Assistant voice control to play music and set alarms that wake you with your favorite station, enjoying hands-free convenience throughout your day.
- **Work-from-Home**: Quickly adjust EQ settings or switch audio sources using the WiiM Home app, and launch focus playlists with a single tap to create a productive, distraction-free workspace.
- **Whole-Home Parties**: Instantly group multiple rooms to keep music perfectly synchronized across your home, or play different tracks in each room to match its unique vibe.
- **Turntable Night:** Connect a turntable via **Aux-In** and rebroadcast vinyl classics to every room in perfect sync, combining classic analog warmth with modern whole-home audio.

1.2. Other Devices Needed to Use the WiiM Sound Lite

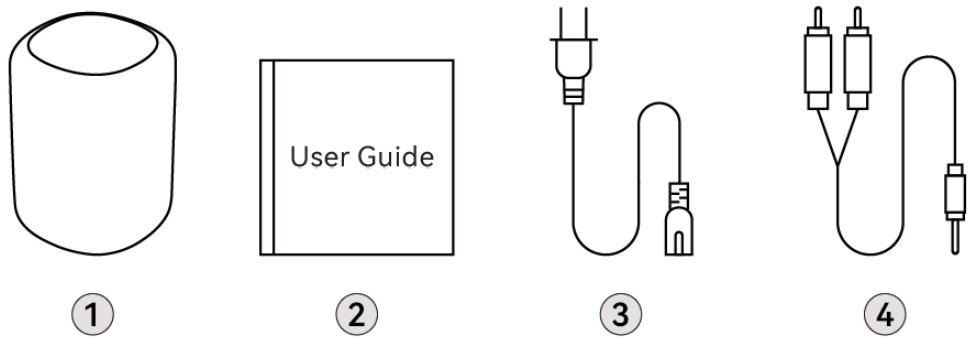
To use the WiiM Sound Lite, you will need a few essential devices and components. Here's a list of what you'll need:

- **Wi-Fi Network**: The WiiM Sound Lite requires a stable Wi-Fi network connection to function. Ensure that you have a reliable Wi-Fi network available in the area where you plan to set up the WiiM Sound Lite. You'll need the Wi-Fi network credentials during the setup process.
- **Smartphone or Tablet**: You'll need a compatible smartphone or tablet (iOS or Android) with the WiiM Home app installed. The WiiM Home app is used for initial setup, configuration, and control of the WiiM Sound Lite.
- **Power Source**: The WiiM Sound Lite needs to be connected to a power source using the included power cable. Ensure that you have an electrical outlet nearby to power the device.
- **Ethernet Cable** (optional): While the WiiM Sound Lite primarily connects to your Wi-Fi network, it also has an Ethernet port. If you prefer a wired connection for added stability, you can use an Ethernet cable to connect the WiiM Sound Lite directly to your router or network switch.
- **External Audio Source** (optional): The WiiM Sound Lite can also receive audio from an external source (e.g., CD player, turntable, or PC) via a wired connection. In this setup, no network connection or WiiM Home app is needed.

These are the core components required to use the WiiM Sound Lite. It's important to have a stable Wi-Fi network and a compatible device with the WiiM Home app for setup and control.

2. What's in the Box

1.	WiiM Sound Lite	x 1
2.	Quick Start Guide	x 1
3.	Power cable	x 1
4.	RCA cable	x 1



3. Technical Specifications

Audio Performance	• **Frequency Response**: 50 Hz–20 kHz (±3 dB)
	• **Peak Power**: 100 W total
	  ◦ 1 x 4″ long-throw paper-cone woofer, 50W
	  ◦ 2 x full-range silk-dome tweeters, 2 x 25W
	• **Crossover Frequency**: 2.4 kHz
	• **Hi-Res**: Up to 24-bit/192 kHz, gapless playback.

Input & Output	**Wired Input**: 3.5mm Aux-In

Wireless & Network Connectivity	• **Wireless Connectivity**:
	  ◦ Wi-Fi 6E (802.11 b/g/n/ax, tri-band: 2.4/5/6 GHz)
	  ◦ Bluetooth 5.3 (Receiver & Transmitter, supports SBC, AAC, LC3)
	• **Wired Network**: 100 Mbps Ethernet

EQ & Sound Customization	• **Room Correction**: AI RoomFit™ automatic/assisted tuning.
	• **EQ**:
	  ◦ On-device quick EQ
	  ◦ 10-Band Graphic & Parametric EQ
	  ◦ Separate EQ settings for each input source (Wi-Fi/Ethernet, Bluetooth, and Aux-In)

Streaming & Smart Features	• **Supported Platforms**: WiiM Home App, Google Cast Audio, Spotify Connect, TIDAL Connect, DLNA, LMS, Roon Ready • **Multi-Room Audio**: Compatible with WiiM, Google Cast, and Alexa multi-room systems. • **Stereo Pairing:** Supports L/R speaker setup for expanded soundstage. • **Home Theater Integration:** Functions as the surround or center channel speaker in a Dolby 5.1 setup. • **Smart Preset**: Quick access to frequently used content and settings. • **Alarm Clock**: Sets the alarm time, occurrence, and music sources.

Controls	• 5 LED proximity-sensing touch control buttons: ◦ Play/Pause/Reset/Wi-Fi Setup ◦ Volume + ◦ Volume – ◦ Previous ◦ Next • Voice Control: Works with Alexa or Google Assistant via compatible devices. • WiiM Home App • WiiM Voice Remote (Not included)
Power & Build	• **Power Input**: 100-240V, 50/60Hz AC Power • **Dimensions**: 5.7" x 5.7" x 7.5" (146 x 146 x 193 mm) • **Weight**: 5.5 lbs (2.5 kg)

4. Controls, Interfaces, and Lights

4.1. Top Panel Controls



Note:
The top buttons feature **proximity sensing**. When your hand approaches, they automatically light up, offering quick access and clear visual feedback.

Each numbered control or light on the front panel is explained below:

1	**Volume Up**	Press to increase the speaker volume.
2	**Previous**	Press to return to the previous playback or restart the current playback.
3	**Next**	Press to skip to the next playback.
4	**Play/Pause**	Tap once to start or stop playback. Wi-Fi setup (push and hold for 3 seconds) Restore to the factory setting (push and hold for 10 seconds)
5	**Volume Down**	Press to decrease the speaker volume.

6	**LED Indicator**	Show the device's current status and active input source. For more information, see LED Status Lights.

Note:
Press and hold the **Volume +** and **Volume –** buttons together for 2 seconds to initiate bluetooth pairing.

4.2. Bottom Panel Controls and Interfaces



Each numbered interface on the back panel is explained below:

1	**LAN**	10/100Mbps Ethernet port
2	**Power Input**	100-240V AC input, 50/60 Hz
3	**AUX In**	Connects to external audio sources such as CD players, turntables with built-in preamps, or PCs for analog audio input.

4.3. LED Status Lights

LED Color/Pattern	State

Fast Flashing White		Boot-up
Slow Flashing White		OOBE/Ready to setup
Fast Flashing White and Green		Connecting to Wi-Fi
Solid White		Connected to Wi-Fi
Slow Flashing Blue		Bluetooth ready to pair
Solid Blue		Bluetooth mode, paired
Solid Light Green		Aux-in mode
Slow Flashing White and Green		OTA update
Slow Flashing White and Red		Restore to factory settings
Solid Yellow		No network
Slow Flashing Red		Faulty error

5. How to Get Started

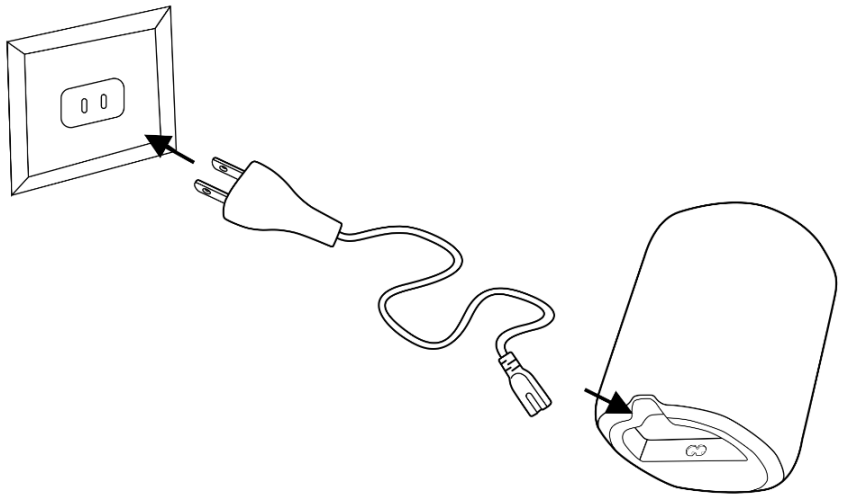
Before using your WiiM Sound Lite, follow these main steps to set it up:

1. Power on the WiiM Sound Lite.
2. Download and install the WiiM Home app on your mobile device.
3. Use the WiiM Home app to connect the WiiM Sound Lite to your network.
4. Configure the WiiM Sound Lite in the WiiM Home app to suit your preferences.

By completing these steps, your WiiM Sound Lite will be ready for use. The following sub-chapters will provide detailed instructions for each step.

5.1. Power On the WiiM Sound Lite

Please use the provided power cable to connect your WiiM Sound Lite to a power source.



After powering on the WiiM Sound Lite, wait 30 seconds for it to fully boot up before starting the setup process.

5.2. Download and Install the WiiM Home App

- For an iOS or Android device, scan the following QR code to download the app:



- The PC version is also available for Windows and macOS. Download it here.

5.3. Set Up the WiiM Sound Lite

You can set up the WiiM Sound Lite via Wi-Fi or Ethernet using the WiiM Home app. If you choose to connect via Wi-Fi, make sure you have the network password ready. This will ensure a smooth and efficient setup process.

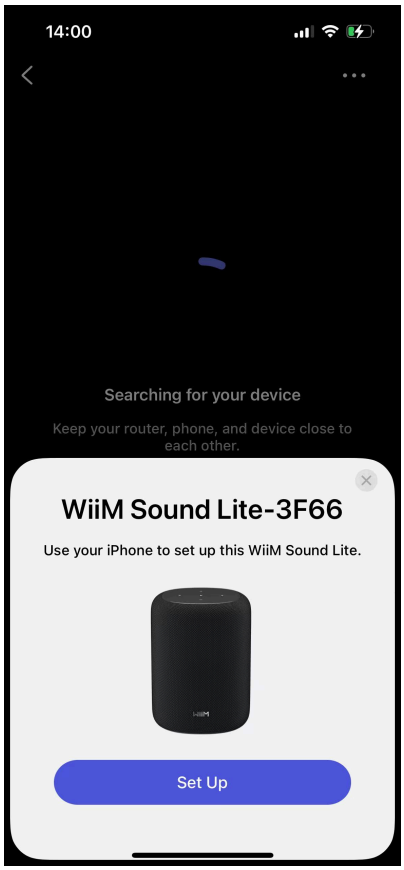
Note:

- The WiiM Sound Lite cannot use Ethernet and Wi-Fi at the same time. When an Ethernet cable is plugged in, the WiiM Sound Lite switches to Ethernet. If the cable is unplugged, it reconnects to the configured Wi-Fi network.
- Ensure your mobile device and WiiM Sound Lite are on the same network so the app can discover the WiiM device.

5.3.1. WiiM Sound Lite Setup via Wi-Fi Using WiiM Home App

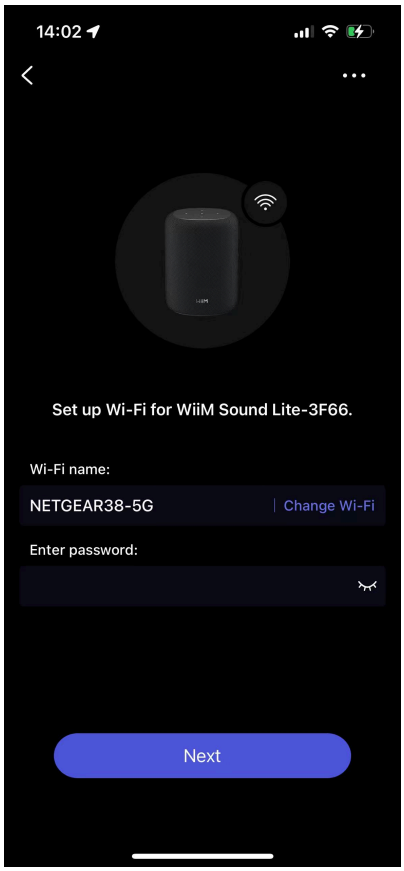
1. Open the WiiM Home app on your smartphone or tablet.
2. When the **Set Up** pop-up appears in the app, tap it to start the setup.

Note:
If your WiiM device doesn't appear automatically, go to the **Devices** tab and tap **Add Device** in the top-right corner to trigger the setup page.

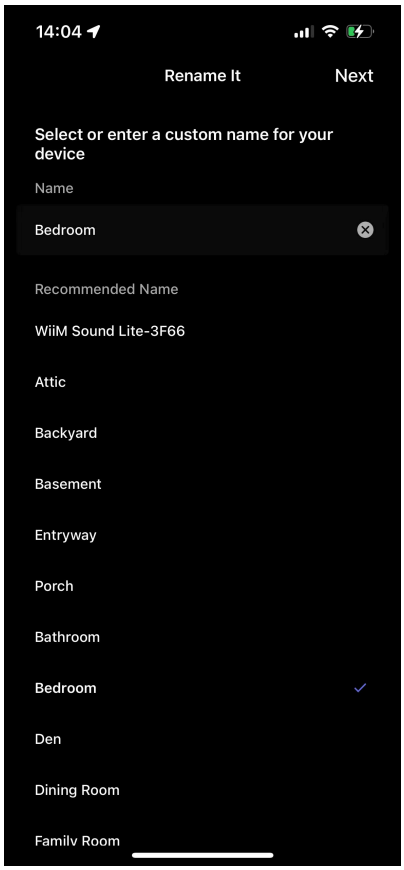


3. Follow the on-screen instructions to complete the setup:

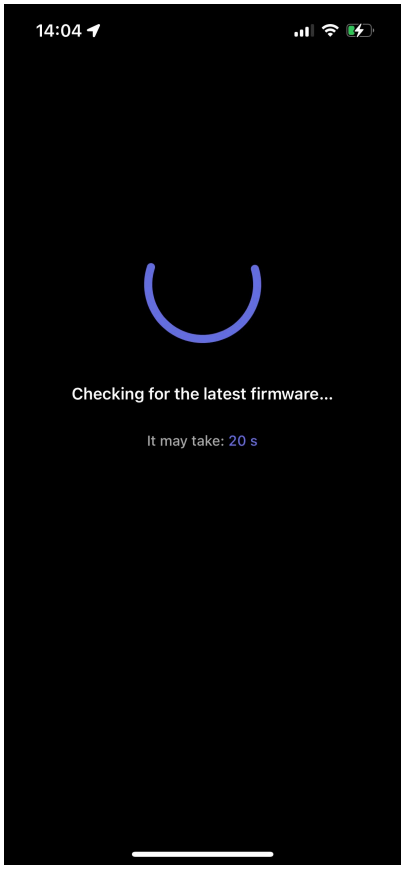
    a. Connect WiiM Sound Lite to the same Wi-Fi network as WiiM Home app.



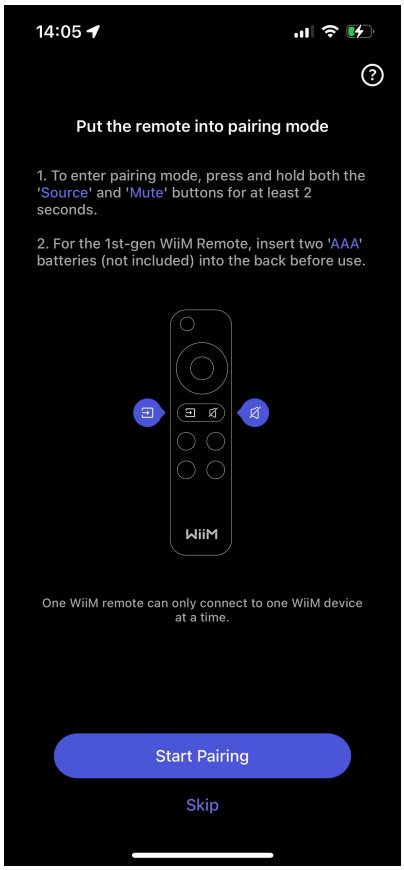
    b. Rename the WiiM Sound Lite.



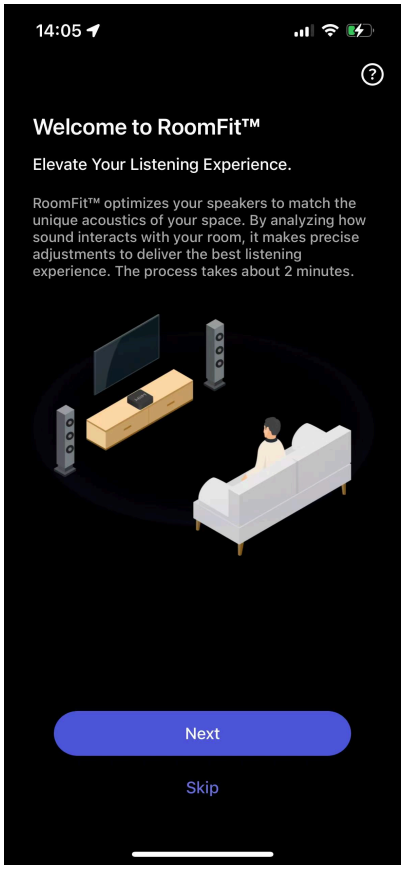
c. Check and update the firmware.



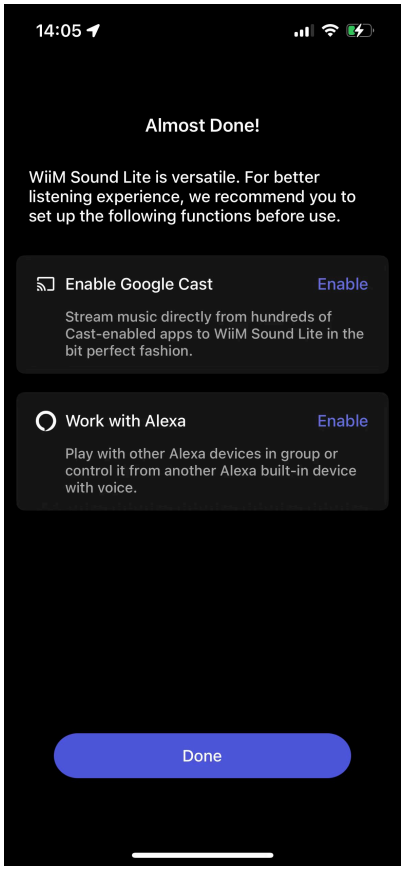
d. Set up the WiiM Voice Remote (if any) with the WiiM Sound Lite.



e. Perform RoomFit™ correction. For details, see RoomFit™ Room Correction.

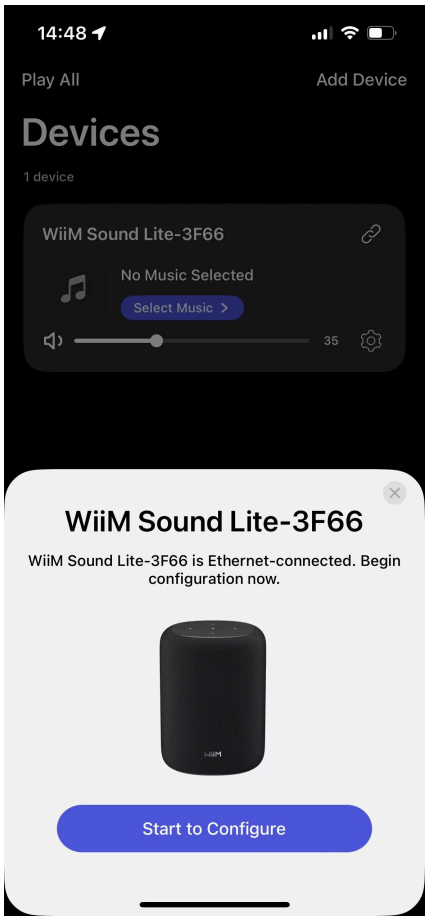


f. Set up Google Cast and Alexa.



5.3.2. WiiM Sound Lite Setup via Ethernet

1. Connect an Ethernet cable to the WiiM Sound Lite.
2. Open the WiiM Home app on your smartphone or tablet.
3. When the **Start to Configure** pop-up appears in the app, tap it to start the setup.



4. Follow the on-screen instructions to complete the setup.

5.4. Configure the WiiM Sound Lite in the WiiM Home App

Once the WiiM Sound Lite is set up, configure it in the WiiM Home app, including settings for audio input, RoomFit™ Room Correction, and EQ adjustments.

For detailed instructions, see WiiM Sound Lite Configuration.

5.5. Fill Your Home with Sound

Now, stream your favorite music and radio stations through the WiiM Home app or your preferred apps over Wi-Fi or Bluetooth, and enjoy seamless, high-quality playback.

Alternatively, connect an external audio source (e.g., an amplified turntable, CD player, or MP3 player) to the WiiM Sound Lite for local playback. For detailed connection instructions, see Connect the WiiM Sound Lite's Audio Input (Optional).

The WiiM Sound Lite can be grouped with other WiiM devices to create a synchronized music experience across your home. You can further expand your listening experience by grouping the WiiM Sound Lite with Alexa-enabled or Google Cast-enabled devices, enabling a seamless multi-room audio system. For more information, see Multi-room Audio.

5.6. Connect the WiiM Sound Lite's Audio Input

The WiiM Sound Lite features a single audio input interface: **AUX In**. The **AUX In** interface is typically used to connect to a CD Player, turntable with a built-in preamp, or PC to receive analog audio input.

Cable Requirement: Use one of the following two types of cables:

- A 3.5mm Male to Male stereo cable as below:

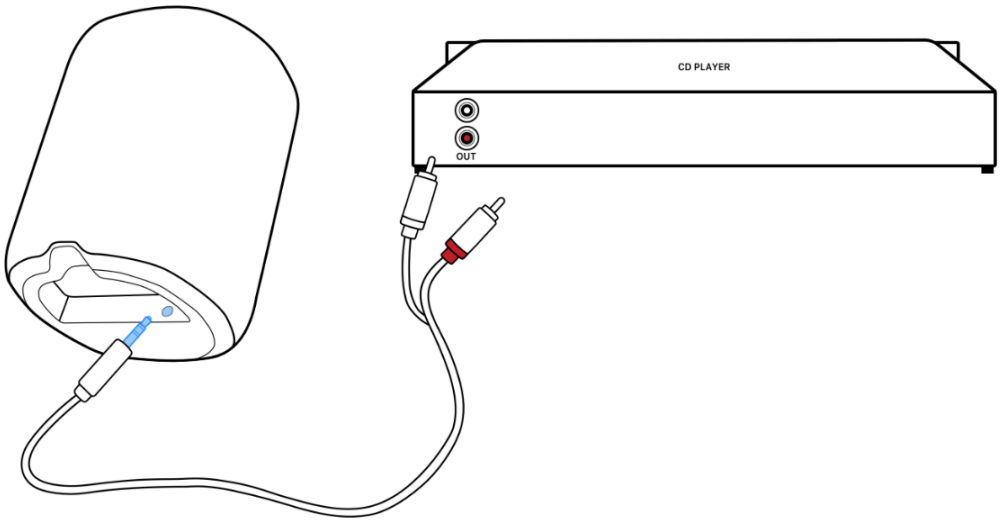


- A 3.5mm Male to RCA stereo cable as below:



Cable Connection Steps:

1. Plug 3.5 mm connector of the cable into the **AUX In** port on the WiiM Sound Lite.
2. Plug the other end of the cable into the **AUX Out** or **Line Out** port on your audio source (e.g., CD player, turntable, or PC).



In addition to the **AUX In** input interface, you can also stream audio wirelessly to the WiiM Sound Lite via Wi-Fi or Bluetooth. For detailed instructions, see Audio Input via Bluetooth.

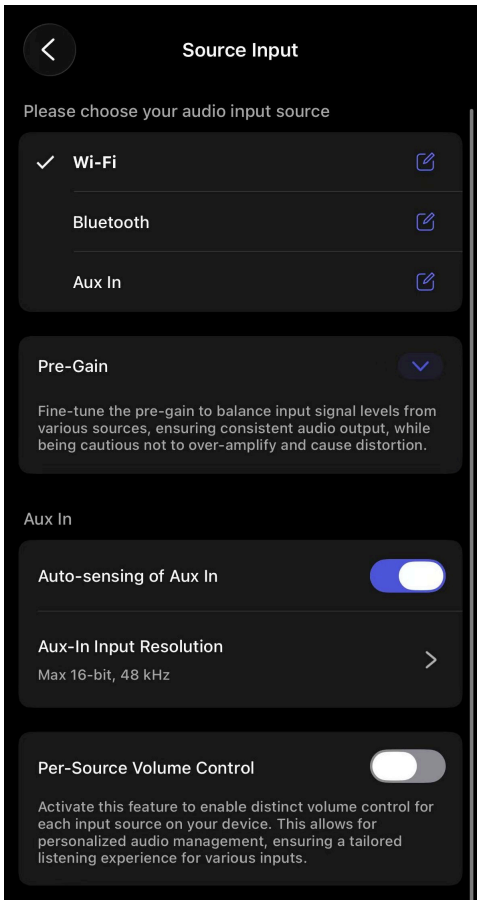
Note:

- You can also enable the **Auto-sensing** feature on the WiiM Sound Lite to automatically play your **AUX In** source when the WiiM Sound Lite detects a signal. You can enable this feature from the WiiM Home app.
- The WiiM Sound Lite has a built-in EQ to process the audio input based on your taste. You can also control the audio volume using the WiiM Home app remotely without altering the input source volume.
- Some source devices may require a preamp. For example, some turntables do not have a built-in preamp, so you will need to connect your turntable to an external preamp first, and then connect the preamp to the WiiM Sound Lite.

6. WiiM Sound Lite Configuration

6.1. Select Audio Input Source and Configure Audio Input

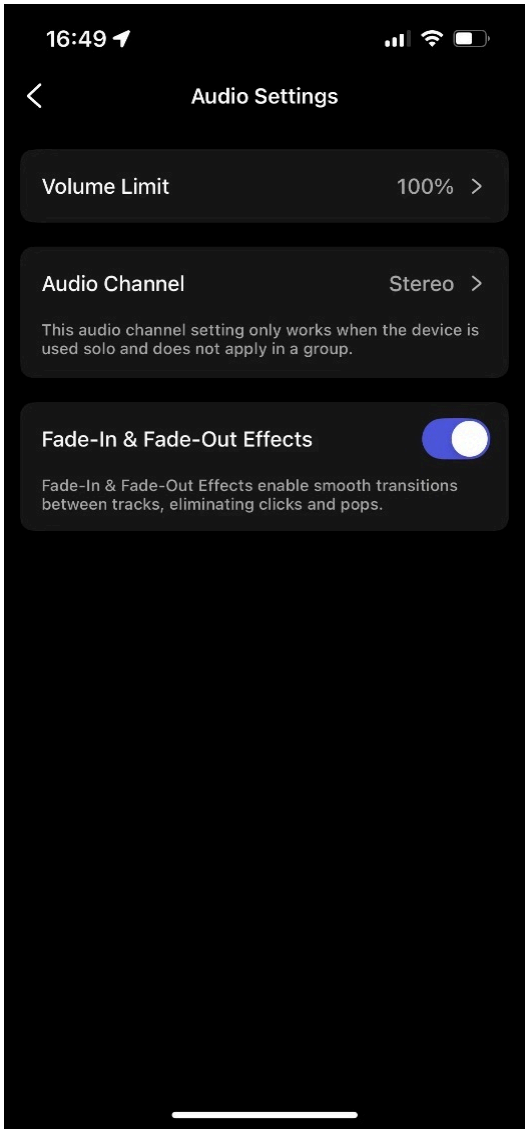
1. Open the WiiM Home app.
2. Navigate to the **Devices** tab.
3. Tap the **Device Settings** icon ⚙ of the WiiM Sound Lite.
4. Select **Source Input**.
5. Select the audio input source and adjust related settings.



6.2. Adjust Audio Settings

1. Open the WiiM Home app.
2. Navigate to the **Devices** tab.
3. Tap the **Device Settings** icon ⚙ of the WiiM Sound Lite.
4. Select **Audio Settings**.

5. Adjust audio settings depending on your preference.



6.3. RoomFit™ Room Correction

You can use the RoomFit™ Room Correction feature in the WiiM Home app to enhance audio quality by adapting to your room's unique acoustic properties. This feature minimizes unwanted audio issues such as echoes, reflections, and standing waves, delivering a more balanced and accurate listening experience.

For detailed instructions, see RoomFit™ Guide.

6.4. Dynamic Bass

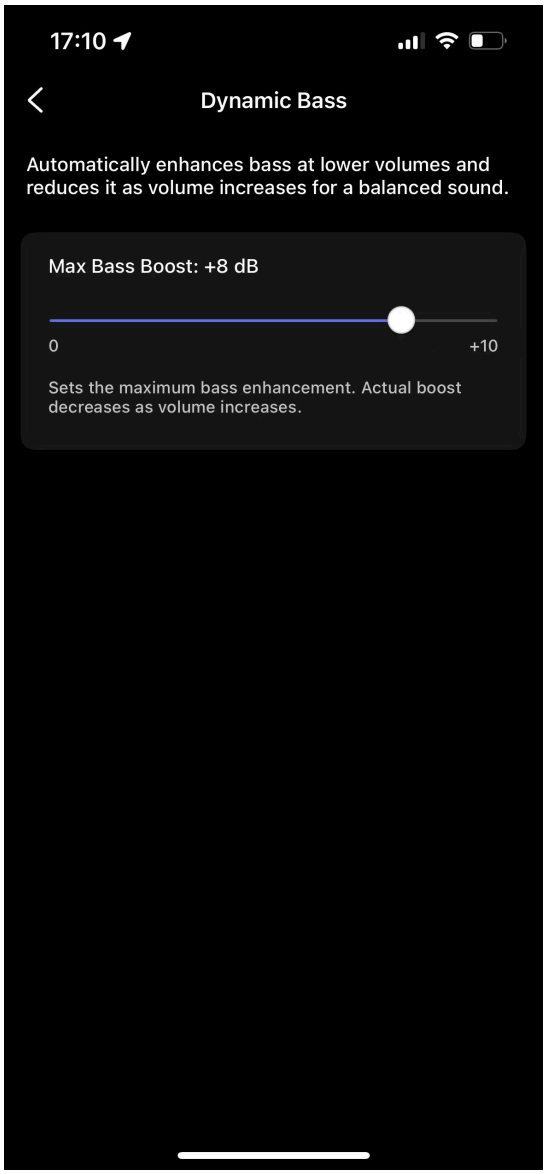
Dynamic Bass provides 0 – 10 dB of adjustable gain compensation based on playback volume.

It’s designed around the Fletcher–Munson equal-loudness contours, which describe how human hearing becomes less sensitive to low frequencies at lower listening levels.

At the default 8 dB setting, Dynamic Bass adds just enough low-frequency boost to preserve tonal balance and perceived warmth at moderate volumes, gradually tapering off as volume increases to maintain accuracy. Listeners can fine-tune this range to match personal taste.

To adjust the Dynamic Bass setting, follow these steps:

1. Open the WiiM Home app.
2. Navigate to the **Devices** tab.
3. Tap the **Device Settings** icon ⚙ of the WiiM Sound Lite.
4. Select **Dynamic Bass**.
5. Adjust the setting depending on your preference.



6.5. Equalizer (EQ)

You can enhance your audio experience with the **Per-Source EQ** feature in the WiiM Home app.

Choose from 24 preset EQ settings for quick adjustments, utilize the 10-band Graphic EQ (GEQ) for intuitive control, or fine-tune your sound with the 10-band Parametric EQ (PEQ) for precise and detailed customization.

GEQ lets you adjust fixed frequency bands visually while PEQ lets you adjust specific frequencies, bandwidth, and gain for advanced customization. For detailed instructions, see EQ Guide.

7. Audio Input/Output via Bluetooth

7.1. Audio Input via Bluetooth

With Bluetooth, you can stream tunes from various devices like smartphones, tablets, TVs, and laptops. To start streaming, first pair your device with the WiiM Sound Lite.

You can select any of the following options to pair your device with the WiiM Sound Lite:

- **Option 1: Bluetooth Pairing Using Volume Buttons**

  Press and hold the **Volume +** and **Volume –** buttons on the WiiM Sound Lite together for 2 seconds to initiate pairing mode.

- **Option 2: Bluetooth Pairing Using WiiM Home App**

  If the WiiM Sound Lite is connected to your network, you can initiate Bluetooth pairing mode in the WiiM Home app by selecting **Bluetooth** as source input in the **Browse** tab.

  In this case, if there's no device connected to the WiiM Sound Lite, the app will initiate pairing mode for the WiiM Sound Lite automatically.

- **Option 3: Bluetooth Pairing Using a WiiM Voice Remote Product**

  Press and hold the **Play** button on the WiiM Voice Remote product (e.g., WiiM Voice Remote 2 or WiiM Voice Remote 2 Lite) for 3 seconds or more to initiate pairing mode.

Note:

No WiiM Voice Remote product is included with the WiiM Sound Lite. It can be purchased separately.

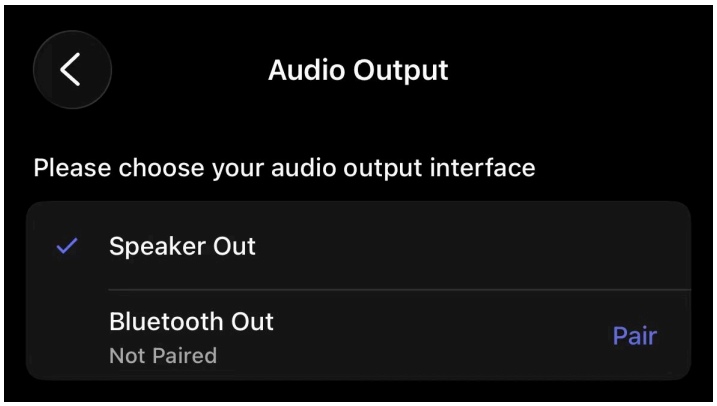
The Bluetooth feature is compatible with A2DP and AVRCP profiles, and supports both SBC and AAC codecs.

7.2. Audio Output via Bluetooth

You can use WiiM Sound Lite as a Bluetooth transmitter and pair it with external Bluetooth devices (e.g. speakers, headphones, or earphones) to enjoy wireless audio playback.

Follow these steps to complete Bluetooth pairing for audio output:

1. Put your external Bluetooth device (such as speakers) into pairing mode so the WiiM Sound Lite can discover it.
2. Go to **Devices tab > Device Settings > Audio Output**, then tap **Pair** next to **Bluetooth Out** to start pairing.



3. When your external Bluetooth device appears in the list, select it to complete pairing.

8. Voice Control

Navigate and control the WiiM Sound Lite with voice commands to search, play, stop, or skip music and more.

The WiiM Sound Lite supports the following voice control services:

- **Alexa**

  Refer to How to Use Alexa with Your WiiM Device for instructions.

- **Google Assistant**

  Refer to How to Control WiiM Device via Google Assistant for instructions.

9. Direct Control via Your Favorite App

You can stream from your favorite apps directly to your WiiM Sound Lite with the following approaches.

9.1. Spotify Connect

Spotify Connect is a way of playing Spotify through your wireless-compatible device over Wi-Fi or Ethernet. This eliminates the need to pair your device via Bluetooth each time you want to listen.

Spotify Connect is controlled from a smartphone, tablet or PC that functions as a remote control. Both free and premium accounts are supported. For more information, visit Spotify Connect. Using Spotify Connect ensures the best audio quality and streaming experience on the WiiM Sound Lite.



How to Use Spotify Connect

1. Launch the Spotify app on your mobile device.
2. Play a song and go to the **Now Playing** screen.
3. Tap the **Speaker** icon in the bottom-left corner.
4. Select your WiiM device from the list.

For detailed instructions, see How to Stream Music via Spotify Connect.

Multi-room

To use Spotify Connect for multi-room, follow these instructions:

1. Group multiple WiiM devices in the WiiM Home app. For instructions, see WiiM Multi-room Setup.
2. Stream Spotify to the grouped WiiM devices.

Group Naming Convention

The group name follows this format:

"<group lead device name> +<number of follower devices>"

For example, if you create a group where the group lead device name is "**Bedroom**" and there are **3** follower devices, the group name is "**Bedroom +3**".

License Information

The Spotify Software is subject to third-party licenses found here: https://www.spotify.com/connect/third-party-licenses

9.2. TIDAL Connect

TIDAL is a global music streaming platform bringing fans closer to artists through unique experiences and the highest sound quality. Stream your favorite music seamlessly from the TIDAL app straight to your devices in the highest possible quality.

TIDAL Connect allows you to stream music from the TIDAL app to compatible devices. It's similar to Spotify Connect in that it lets users stream music to connected devices from within the app. This means you can use your smartphone or computer as a controller to play music on the WiiM Sound Lite.

How to Use TIDAL Connect

1. Launch the TIDAL app on your mobile device.
2. Play a song and go to the **Now Playing** screen.
3. Tap the **Speaker** icon in the top-right corner.
4. Select your WiiM device from the list.

For detailed instructions, see How to Stream Music via TIDAL Connect.

Multi-room

To use TIDAL Connect for multi-room, follow these instructions:

1. Group multiple WiiM devices in the WiiM Home app. For instructions, see WiiM Multi-room Setup.
2. Stream TIDAL music to the grouped WiiM devices. The group name will match the group lead device.

9.3. Qobuz Connect

Qobuz is a premium music streaming service that offers a vast library of songs, albums, and playlists—including high-resolution audio content. Similar to Spotify Connect, Qobuz Connect allows you to easily stream music directly from the Qobuz app to compatible devices and control playback seamlessly within the app.

How to Use Qobuz Connect

1. Launch the Qobuz app on your mobile device.
2. Play a song and go to the **Now Playing** screen.
3. Tap the **Device** icon in the bottom-left corner.
4. Select your WiiM device from the list.

For detailed instructions, see How to Stream Music via Qobuz Connect.

Multi-room

To use Qobuz Connect for multi-room, follow these instructions:

1. Group multiple WiiM devices in the WiiM Home app. For instructions, see WiiM Multi-room Setup.
2. Stream Qobuz music to the grouped WiiM devices. The group name will match the group lead device.

9.4. Alexa Cast

Alexa Cast is a feature that allows you to play and control music on any of your Alexa devices from your app (iOS or Android). You can discover all your Alexa devices from your music app. Your devices do not need to be on the same Wi-Fi network as your mobile device. You can target any device from anywhere. Once you pick a target device, the music you selected on your app will start playing on the chosen device. You can control playback from the app. The app functions as a remote control.

WiiM Sound Lite and Alexa Cast

The WiiM Sound Lite supports Alexa Cast with bit-perfect output up to 24-bit/192 kHz. You can stream Ultra HD music directly from the native app to the WiiM Sound Lite, delivering the highest possible audio quality.

How to Use Alexa Cast

1. **Log In**: Ensure you are logged into your Alexa account on the WiiM Home app.
2. **Update**: Have the latest version of the app.
3. **Cast Music**: On the **Now Playing** screen, tap the **Casting** icon in the top right.
4. **Select Device**: Choose the WiiM Sound Lite from the list.

For detailed instructions, see How to Stream Music via Alexa Cast.

Control Options

- **Voice Control**: Use voice commands to control music on the device.
- **App Control:** Switch between voice and app control for convenience.
- **Stop Casting:** To stop casting and resume playing on your phone, open the device list and tap the **Disconnect** button.

Alexa Multi-room Audio

Alexa can also be used for multi-room audio, allowing you to play music in sync on multiple speakers from compatible brands and the WiiM Sound Lite using the Alexa app.

For detailed instructions, see Alexa Multi-room Audio.

9.5. Google Cast Audio

Google Cast audio allows you to instantly stream your favorite music, radio, or podcasts from Google Cast-enabled apps on your mobile device to your speakers over Wi-Fi or Ethernet.

Setting Up Google Cast

1. **Enable Google Cast:**
    - Once you have set up the WiiM Sound Lite, enable Google Cast from the WiiM Home app.
2. **Stream Music:**

- Open a compatible app (e.g., Spotify, Apple Music, TIDAL, YouTube Music, Deezer) on your mobile device and tap the **Cast** button.
- Select the WiiM Sound Lite and start streaming audio.

3. **Use Chrome Browser:**
   - Cast any audio from your Chrome browser by selecting the **Cast** option in the menu.

Google Cast Multi-room Audio

Google Cast can also be used for multi-room audio, allowing you to play music in sync on multiple speakers from compatible brands and WiiM Sound Lite using the Google Home app.

For detailed instructions, see Google Cast Multi-room Audio.

9.6. DLNA

DLNA (Digital Living Network Alliance) sets standards for home networking devices to communicate and share media files seamlessly. The WiiM Sound Lite is a DLNA-compatible digital media renderer (DMR).

How It Works

When connected to the same network as your other DLNA devices or apps, the WiiM Sound Lite automatically appears in the menus of these networked components. Your computer and other media devices will discover and recognize the WiiM Sound Lite without any additional setup.

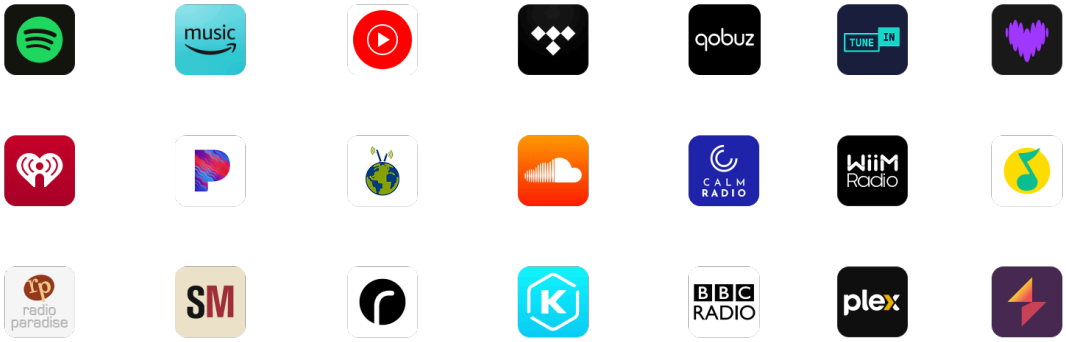
Controlling and Streaming

You can control the WiiM Sound Lite from other DLNA digital media players or controllers. Additionally, you can stream content from DLNA digital media servers directly to the WiiM Sound Lite, with no extra configuration required.

For detailed instructions, see How to Stream Music from Your DLNA Server to WiiM.

10. All Music in One App

With the free WiiM Home app, you can control your content and WiiM devices from one place. The app supports many popular music streaming services such as Spotify, YouTube Music, iHeartRadio, TIDAL, SoundCloud, Qobuz, Pandora, Deezer, Tune In, and more.



The WiiM Home app offers the following features:

- **Stream from Any Source**: Enjoy seamless playback from streaming services, NAS, or other connected storage.
- **All-in-One Control**: Manage your music services and devices effortlessly in a single app for complete, centralized control.
- **Customized Listening Experience**: Tailor your listening experience with adjustable EQ settings, sleep timers, and scheduled music alarms.
- **Effortless Discovery**: Instantly find and save your favorite tracks using WiiM's universal search, scanning through all your music sources.
- **Whole Home Music**: Enjoy multi-room audio by grouping devices for synchronized playback or play different music on each speaker.
- **Built-in Support Center Access**: Quickly access our Support Center directly within the app, giving you instant assistance whenever you need it.

For more information, refer to WiiM Home App User Manual.

11. Multi-room Audio

With the WiiM Sound Lite, it's easy to build your wireless multi-room sound system with other Echo (or Alexa built-in devices) or Google Home. You can create an even more flexible multi-room sound system with multiple WiiM devices and your existing audio devices.

Note:

- Alexa and Google Cast multi-room must be set up using the Alexa app and Google Home app, respectively.
- Alexa and Google Cast multi-room features support network-based music services only.
- To enable multi-room audio for other input sources, such as , **AUX In**, **Optical In**, , or **Bluetooth**, the multi-room group must consist exclusively of WiiM devices.

11.1. WiiM Multi-room Audio

With our proprietary multi-room technology, the WiiM Sound Lite supports all types of its audio inputs—**Wi-Fi**, **Ethernet, Bluetooth**, **AUX In**—as sources for your multi-room system.

11.1.1. WiiM Multi-room Setup



For example, to set up a multi-room system with the **AUX In** source input, follow the steps below:

1. Insert the 3.5mm AUX cable into the **AUX In** port on the WiiM Sound Lite.
2. Connect the other end of the cable to the **AUX Out** port on your source device, e.g. a record player.
3. Open the WiiM Home app.
4. Go to the **Browse** tab, then select **AUX In** as the audio source.
5. Go to the **Devices** tab and select the WiiM Sound Lite connected to your source device.

6. Tap the **Group** icon in the upper right corner of the device box.
7. Choose other desired WiiM devices to include in the multi-room audio group.

Now, the music from the connected device will play across your multi-room music group.

You can follow the same procedure to set up a WiiM multi-room system with any other source input supported by your WiiM device.

11.1.2. WiiM Stereo Pairing

In addition, you can group two devices as a stereo pair for a wider, more immersive sound stage. This feature supports all input options, ensuring compatibility with virtually every music listening preference.



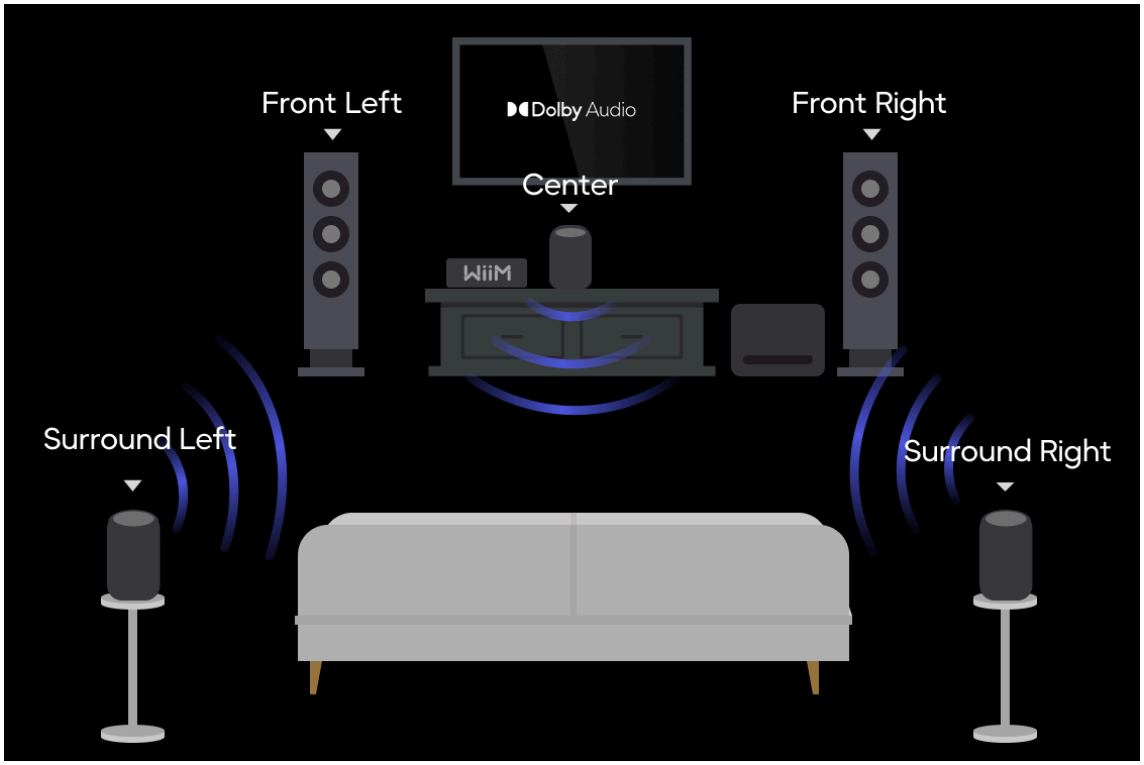
To use stereo pairing, follow the steps below:

1. Set up two WiiM devices.
2. Open the WiiM Home app.
3. Select a WiiM and tap the **Group** icon in the upper right corner.
4. Select the other WiiM device, then tap **Done**.
5. Tap the LR icon and set the two WiiM devices to **L** and **R**, respectively.
6. Go to the **Browse** tab, then select your music to play.

For detailed instructions, see How to Set Up a Stereo Pair with Two WiiM Sound Lite Speakers.

11.1.3. Center and Surround Speakers in WiiM 5.1 Surround Sound System

Set up a WiiM 5.1 Surround Sound System by using WiiM Sound Lite speakers together with other WiiM devices to achieve an immersive home-theater experience. With precise acoustic tuning and a wide frequency response, the WiiM Sound Lite is an excellent choice for the **Center**, **Surround Left**, and **Surround Right** speakers in the system.



For detailed instructions, see Setting Up WiiM Sound Lite as Center and Surround Speakers in a WiiM 5.1 Surround Sound System.

11.2. Alexa Multi-room Audio

1. Open the Alexa app on your smartphone or tablet.
2. Tap **Devices** at the bottom of the screen.
3. Tap the **+** icon in the top right corner of the screen.
4. In the menu that appears, choose **Combine speakers,** then select **Multi-room music**.
5. Select the **Echo** and WiiM devices you want to include in your multi-room music setup, then tap **Next**.
6. Assign a group name for the multi-room music setup (e.g., "Bedroom").
7. Follow the on-screen prompts to complete the setup.

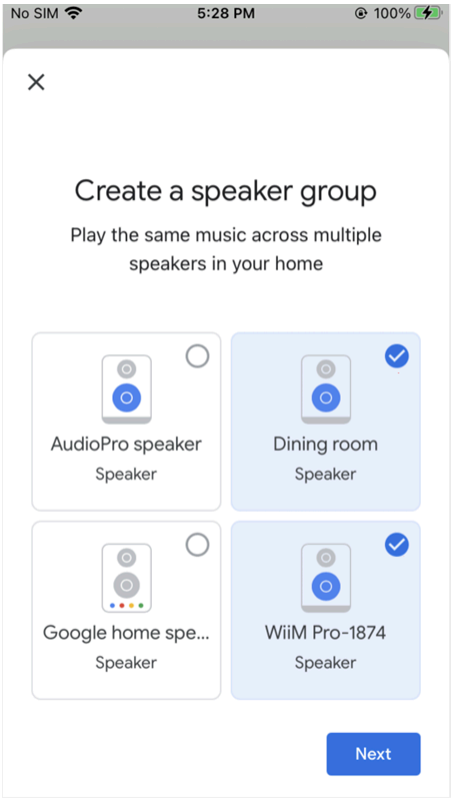
Note:
When used with Echo or other compatible devices, the WiiM Sound Lite functions as an audio receiver and cannot transmit its physical audio input (e.g., **AUX In**) to these devices over Wi-Fi.

11.3. Google Cast Multi-room Audio

You can group the WiiM Sound Lite with other Google Home or Google Cast-enabled devices to play the same music on all devices via the Google Home app.

1. Open the Google Home app.
2. Tap the **+** icon in the top left corner.
3. Tap **Create speaker group** to create a speaker group.

4. Select the devices that are on the same network.



5. Assign a name to your group (e.g., "Living Room").
6. Stream music to the group.

Note:
When used with Google Cast audio devices, the WiiM Sound Lite functions as an audio receiver and cannot transmit its physical audio input (e.g., **AUX In**) to these Google Cast audio devices.

12. Advanced Features

12.1. Firmware Updates

The WiiM Sound Lite supports both automatic and manual firmware updates to ensure you always have the latest features, performance improvements, and bug fixes.

By default, the WiiM Sound Lite automatically checks for new firmware. When a new version is detected, it will update within 24 hours after entering standby mode. You can also start the update immediately through the WiiM Home app.

If you prefer a more stable setup, automatic updates can be delayed in the app, giving you full control over when firmware changes are applied.

For more details, see How to Update Firmware on Your WiiM Device.

12.2. Use Ethernet Instead of Wi-Fi

When an Ethernet cable is connected, the WiiM Sound Lite will automatically switch off Wi-Fi to use the Ethernet network.

To confirm the active connection:

1. Open the WiiM Home app.
2. Go to the **Devices** tab and tap the **Device Settings** icon of the WiiM Sound Lite.
3. Select **Network Status** to view the current network connection.

13. FAQ and Support

13.1. FAQ

If you experience problems with the audio streamer, try these solutions first:

- **What can I do if my device has Wi-Fi connection issues during setup?**

  Please see Troubleshooting: How to Resolve Wi-Fi Connection Issues During WiiM Setup for step-by-step solutions.

- **What can I do if my WiiM Home app can't find the device?**

  - Make sure your network is available and the device is powered on properly.
  - Check the LED on the device is solid white.
  - Make sure your smartphone/tablet and WiiM Sound Lite are connected to the same Wi-Fi network.
  - Make sure you have the latest version of the WiiM Home app on your device.
  - Try restarting your smartphone/tablet, WiiM Sound Lite, and router.
  - If the app still cannot find the device, reconfigure the device to the network.

  For details, see Troubleshooting: WiiM Device Not Found in WiiM Home App for step-by-step solutions.

- **What can I do if my device has no sound?**

  If you are not getting any sound from your WiiM Sound Lite, make sure you have checked the following things:

  - **Volume Levels**: Ensure that the WiiM Sound Lite's volume is turned up in the WiiM Home app.
  - **Audio Input Source Selection**: Confirm that the correct audio input source is selected in the WiiM Home app.
  - **Physical Connections**: Verify that physical connections between the WiiM Sound Lite and your audio source device are plugged in correctly and securely.

  For more instructions, refer to Fix No Sound Issues on Your WiiM Device.

- **Does the WiiM Sound Lite support AirPlay 2?**

  AirPlay 2 is not supported on the WiiM Sound Lite. However, you can use other streaming options such as WiiM Home, Google Cast, Alexa Cast, Spotify Connect, TIDAL Connect, Qobuz Connect, Roon, or Bluetooth to play your music.

- **How can I reset my device?**

  - Press and hold the **Play/Pause** button on the WiiM Sound Lite for 10 seconds until you hear the voice prompts of "Restore to factory setting".
  - Factory reset clears all source, volume, and network settings for the WiiM Sound Lite and returns it back to the original factory settings.

- **What can I do if my device cannot power on normally?**

  Please check the following things:

- Check the device LED and ensure it is on.
- Ensure the original power cable is used.

13.2. Support

If you are unable to resolve your issue, please follow one of the methods below to reach out to us for assistance:

- **WiiM Home app**: Go to **More** > **Feedback and Tickets** to submit a ticket. You will receive an email response from WiiM Support within 24 hours.
- **FAQ Website**: https://faq.wiimhome.com/en/support/solutions.
- **Email**: support@wiimhome.com

14. Public Network Interfaces and Services

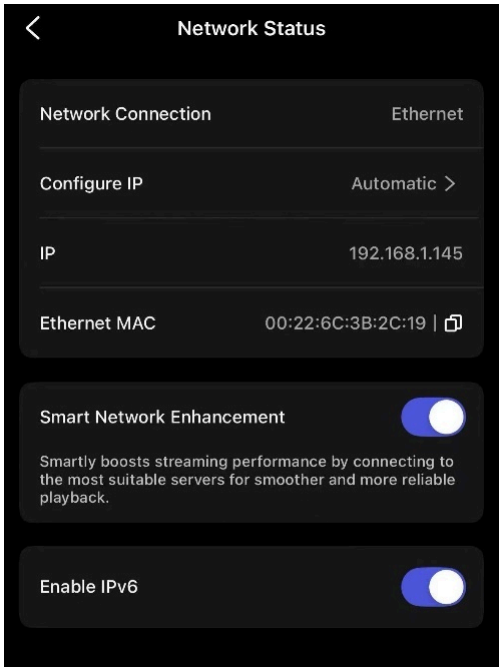
This chapter describes the public network interfaces (LAN, Wi-Fi, and Bluetooth) on the WiiM Sound Lite and the services they support.

14.1. LAN Interface

The LAN interface allows the device to connect to a wired network via an Ethernet cable, providing a stable and high-speed connection for reliable streaming and control.

Note:
When connected via Ethernet, the WiiM Sound Lite will automatically disable the Wi-Fi connection to prioritize the wired network. If the Ethernet cable is disconnected, the device will automatically reconnect to the Wi-Fi network.

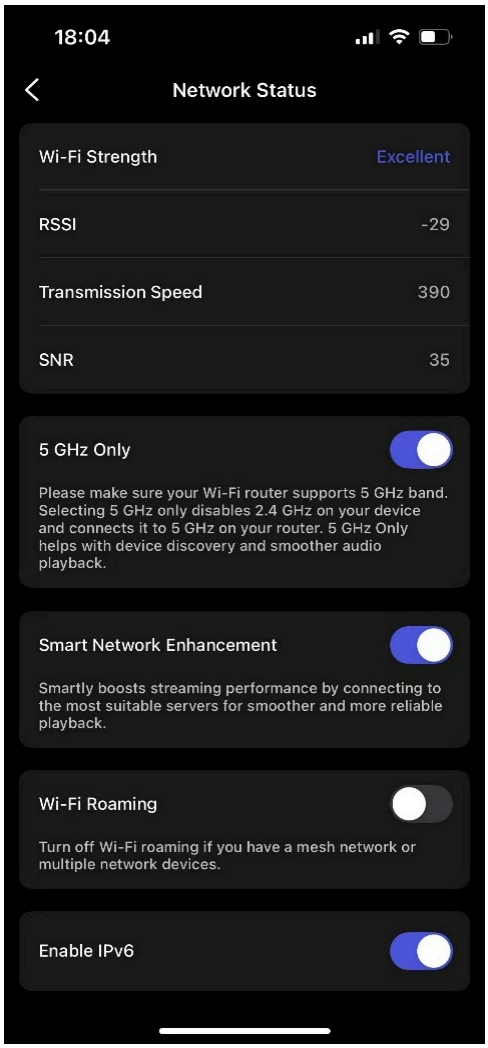
- **Physical Port**: An RJ-45 Ethernet port (10/100 Mbps).
- **Supported Protocols/Services**:
  - **DHCP**: By default, when connecting the WiiM Sound Lite to the LAN using an Ethernet cable, the device will automatically configure the network connection via DHCP (Dynamic Host Configuration Protocol) to obtain an IP address.
  - **mDNS**: Allows the WiiM Sound Lite to be discovered within the local network.
  - **UPnP/DLNA**: Enables media sharing and control with compatible devices.
- **Configuration**: Once connected, you can view the connection status and adjust network settings using the WiiM Home app.



14.2. Wi-Fi Interface

The Wi-Fi interface allows the device to connect to a wireless network, providing flexible setup and streaming options without the need for a wired connection.

- **Supported Standards**: IEEE 802.11a/b/g/n/ac/ax (2.4GHz, 5GHz, and 6GHz bands)
- **Supported Protocols/Services**:
    - **Wi-Fi Client Mode**: By default, the WiiM Sound Lite is set to Wi-Fi Client Mode, automatically connecting to a known Wi-Fi network.
    - **AP Mode**: Allows the WiiM Sound Lite to be set up via Wi-Fi. The AP mode is automatically enabled when the WiiM Sound Lite enters setup mode.
    - **mDNS**: Allows the WiiM Sound Lite to be discovered within the local network.
    - **UPnP/DLNA**: Enables media sharing and control with compatible devices.
- **Configuration**: Once connected via Wi-Fi, check connection status and modify Wi-Fi settings using the WiiM Home app.



14.3. Bluetooth Interface

The Bluetooth interface is used for both Wi-Fi setup and audio streaming.

- **Supported Protocols/Services**: Bluetooth 5.3 LE (A2DP Sink)
    - **BLE Broadcasting**: BLE broadcasting is automatically enabled during Wi-Fi setup, allowing the WiiM Home app to discover the device and connect it to the Wi-Fi network. For details, see WiiM Sound Lite Setup via Wi-Fi Using WiiM Home App.
    - **A2DP Sink**: Supports receiving audio streams from mobile devices, tablets, etc., for audio playback via Bluetooth.
- **Configuration**: Bluetooth pairing is required for audio streaming. For details, see Audio Input via Bluetooth.

15. Important Safety Instructions

IMPORTANT: RETAIN FOR FUTURE REFERENCE, READ CAREFULLY

1. Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions.
2. Do not use this apparatus near water.
3. Clean only with a dry cloth.
4. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
5. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
6. Only use attachments/accessories specified by the manufacturer.
7. Unplug this apparatus during lightning storms or when unused for long periods of time.
8. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as external power supply, 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.
9. To reduce the risk of fire or electrical shock, do NOT expose this product to rain, liquids or moisture.
10. Do NOT expose this product to dripping or splashing, and do not place objects filled with liquids, such as vases, on or near the product.
11. Keep the product away from fire and heat sources. Do NOT place naked flame sources, such as lighted candles, on or near the product.
12. Do NOT make unauthorized alterations to this product.
13. Do NOT use in vehicles or boats.
14. Use this product only with the power supply provided.
15. Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
16. Due to ventilation requirements, do not place the product in a confined space such as in a wall cavity or in an enclosed cabinet.
17. Contains small parts which may be a choking hazard. Not suitable for children under age 3.
18. This product contains magnetic material. Consult your physician on whether this might affect your implantable medical device.
19. Do not place or install the bracket or product near any heat sources, such as fireplaces, radiators, heat registers, or other apparatus (including amplifiers) that produce heat.
20. This product includes a remote control that contains a non-replaceable battery (Type: Lithium-ion Battery, 3.87 V). Do not attempt to remove the battery.

16. CE/FCC/IC Statements

FCC Statement

1. 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.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

   NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

   This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

   (1) Reorient or relocate the receiving antenna.

   (2) Increase the separation between the equipment and receiver.

   (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

   (4) Consult the dealer or an experienced radio/TV technician for help.
3. Device is restricted indoor operation only.
4. Transmitters in the 5.925-7.125 GHz band are prohibited from operating to control or communicate with unmanned aircraft systems.

Radiation Exposure Statement

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

IC Warning

English:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

• This device may not cause interference.

• This device must accept any interference, including interference that may cause undesired operation of the device.

• Devices shall not be used for control of or communications with unmanned aircraft systems.

• Devices shall not be used on oil platforms.

• Devices shall not be used on aircraft, except for the low-power indoor access points, indoor subordinate devices, low-power client devices, and very low-power devices operating in the

5925–6425 MHz band, that may be used on large aircraft as defined in the Canadian Aviation Regulations, while flying above 3,048 metres (10,000 feet).

• Devices shall not be used on automobiles.

• Devices shall not be used on trains.

• Devices shall not be used on maritime vessels.

• Operation shall be limited to indoor use only.

French:

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

• L'appareil ne doit pas produire de brouillage;

• L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CE Statement

RF exposure information: The Maximum Permissible Exposure (MPE) level has been calculated based on a distance of d=20 cm between the device and the human body. To maintain compliance with RF exposure requirement, use product that maintain a 20cm distance between the device and the human body.

Do not use the device in the environment at too high or too low temperature, never expose the device under strong sunshine or too wet environment. The suitable temperature for the product and accessories is 0°C~40°C.

Operating frequency range and maximum transmit power

Bluetooth: 2402MHz ~ 2480MHz, <9.11 dBm EIRP

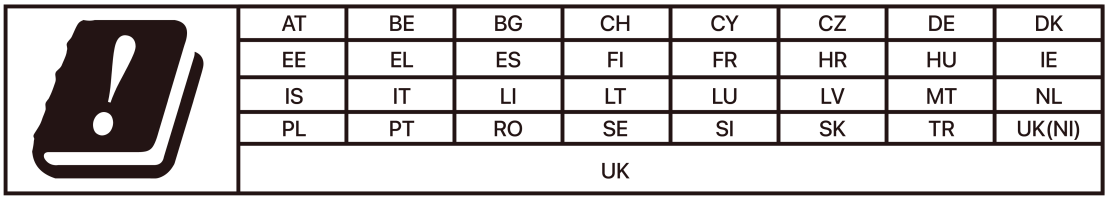
WLAN 2.4GHz: 2412MHz ~ 2472MHz, <20 dBm EIRP

WLAN 5GHz: 5150MHz ~ 5725MHz, <20 dBm EIRP

5745MHz ~ 5825MHz, <13.98 dBm EIRP

WLAN 6GHz: 5955MHz ~ 6415MHz, <20 dBm EIRP

This product can be used across EU member states.



The device for operation in the band 5150-5350 MHz and 5955-6415 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

EU Regulatory Conformance

Hereby, Linkplay Technology Inc. Corporation declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

For the declaration of conformity, see wiimhome.com/wiimSoundLite/Doc_RED.

CE