



WiiM Sub Pro

Wireless Smart Subwoofer

Experience Bass Like Never Before

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1. Introduction

At WiiM, our goal is to provide the simplest and most affordable Hi-Fi, lossless audio systems. Every product we create reflects top-tier design and an intuitive user experience. With our patented streaming technology and user-friendly mobile apps, you can enjoy high-quality music effortlessly throughout your home.

Introducing the WiiM Sub Pro — a high-performance wireless smart subwoofer engineered to bring deep, immersive bass to your audio system. Whether you're a discerning audiophile or a home entertainment enthusiast, the Sub Pro delivers powerful, distortion-free low frequencies that reach down to 25 Hz, adding impactful depth and realism to movies, music, and games.

Equipped with RoomFit™ Room Correction, the WiiM Sub Pro uses advanced acoustic analysis to automatically measure your room's sound characteristics and fine-tune bass output accordingly—no manual calibration needed. The result is perfectly balanced, room-filling bass tailored to your specific space.

With next-generation connectivity including Wi-Fi 6E and Bluetooth 5.3 with LE audio, the Sub Pro ensures robust, low-latency wireless performance. For even greater flexibility, it also features a dedicated RCA input for direct wired connections. Whether integrated wirelessly or through a physical connection with WiiM streamers or third-party audio systems, the WiiM Sub Pro delivers tight, clean bass that enhances any system configuration.

Control every aspect of your sound through the intuitive WiiM Home app, where you can fine-tune EQ curves, set crossover points, adjust phase and latency, and control subwoofer output levels—all to match your personal listening preference.

Simple to set up and seamless to integrate, the WiiM Sub Pro elevates your sound system with deep, responsive bass and broad compatibility. Whether enhancing a stereo pair or anchoring a full home theater setup, it redefines what you can expect from a subwoofer in both performance and precision.

Typical Use Cases

The WiiM Sub Pro is a wireless smart subwoofer designed to deliver deep, accurate bass across a wide range of audio setups. With both wireless and wired connectivity options, it integrates seamlessly into various systems. Here are a few common use cases for the WiiM Sub Pro:

- **WiiM System Integration:** Seamlessly connect the WiiM Sub Pro with your WiiM streamers (e.g., WiiM Ultra, WiiM Amp Ultra, WiiM Amp Pro) to unlock wireless streaming capabilities and smart features for a personalized listening experience.
- **Traditional Audio System Expansion:** Use the RCA input to connect the WiiM Sub Pro to traditional amplifiers, AV receivers, or soundbars. This makes it a great choice for upgrading existing wired speaker systems with clean, deep low-end performance.
- **Home Theater Integration:** Add the WiiM Sub Pro to your home theater setup to dramatically enhance movie and TV audio. With deep bass extension down to 25 Hz and low distortion, it provides cinematic depth and intensity for immersive entertainment.

Other Devices Needed to Use the WiiM Sub Pro

To integrate the WiiM Sub Pro with the WiiM system, you will need a few essential devices and components. Here's a list of what you'll need:

- **A compatible WiiM Streamer:** The WiiM Sub Pro is designed to seamlessly connect with a WiiM streamer (e.g., WiiM Ultra, WiiM Amp Pro, WiiM Amp Ultra).
- **A Wi-Fi Network:** If you want to use the WiiM Sub Pro with your WiiM streamer, you need to connect both devices to a reliable Wi-Fi network.
- **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 Sub Pro.
- **Power Source:** The WiiM Sub Pro 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.
- **An Ethernet Cable (optional):** For added stability, you can connect the WiiM Sub Pro directly to your home network using an Ethernet cable instead of Wi-Fi.

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

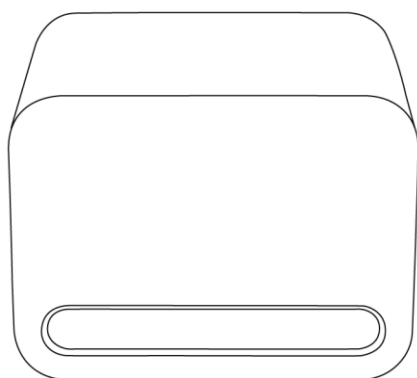
Note: *If you want to use the WiiM Sub Pro with a third-party audio system, simply connect the WiiM Sub Pro to the system using an RCA cable. No additional setup is needed.*

Audio Devices That Work with the WiiM Sub Pro

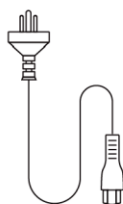
The WiiM Sub Pro is a versatile subwoofer that supports both wireless and wired connections. It is typically paired with a compatible WiiM streamer (e.g., WiiM Ultra, WiiM Amp Pro, WiiM Amp Ultra) for seamless wireless integration and enhanced low-frequency performance. Alternatively, it can also be used with third-party audio systems via an RCA cable, making it a flexible solution for various audio setups.

2. What's in the Box

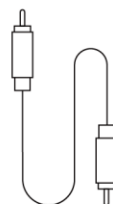
- | | | |
|----|-------------------------|-----|
| 1. | WiiM Sub Pro | x 1 |
| 2. | 100~240V AC power cable | x 1 |
| 3. | RCA audio cable | x 1 |
| 4. | Quick start guide | x 1 |



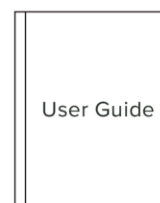
1



2



3



4

3. Technical Specifications

Category	Specification
Audio Amplification	Class-D digital amplifier, 250W
Speaker	<ul style="list-style-type: none">● Driver Size: 8-inches● Sensitivity: 104 dB SPL, 1W@1m● Frequency Range: 25–200 Hz (± 3 dB from 30–200 Hz)● Max Power: 250W, THD @ 1%
Audio Input Port	Analog RCA Mono
Wi-Fi	Wi-Fi 6E (802.11ax) with 2.4 GHz, 5 GHz, and 6 GHz triple bands
Bluetooth	BT 5.3 with BLE Audio
Ethernet	10/100 Mbps
10-band Parametric EQ	Yes
RoomFit™ Room Correction	Yes
LED	Four-color (RGBW) LED indicates device status
Control	One action button for setup and reset
Weight	35.2 lbs (16 kg)
Dimension	15.7 x 11.8 x 12.7 inches (399 x 301 x 322 mm).
Power Input	100-240V AC input, 50/60Hz, 3A Max.

4. WiiM Sub Pro Controls, Interfaces, and Lights

Front Panel Controls and Lights



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

- | | | |
|---|----------------------|--|
| 1 | MIC | A microphone used for automatic room correction. |
| 2 | LED Indicator | A four-color (RGBW) LED indicator to display the operational status of the WiiM Sub Pro.
For more information, see LED Status Light . |







Back Panel Controls and Interfaces



Each numbered control or interface on the back panel is explained below:

1	Power Input	100-240V AC input, 50/60Hz, 3A Max.
2	Ethernet	10/100Mbps Ethernet port.
3	RCA In	Connect to a WiiM streamer or third-party audio device using an RCA cable.
4	Reset Button	Press and hold for 3 seconds to set up the WiiM Sub Pro. Press and hold for 10 seconds to restore the WiiM Sub Pro to factory settings.

LED Status Light

LED Color/Pattern		State
Solid White		Wireless mode
Solid Yellow-Green		Wired mode
Slow Flashing White		Setup mode
Fast Flashing White and Green		Connecting to Wi-Fi
Slow Flashing White and Green		OTA
Fast Flashing White and Red		Restore to factory settings

5. How to Get Started

Before using your WiiM Sub Pro, follow these main steps to set it up:

1. Place the WiiM Sub Pro properly.
2. Connect the WiiM Sub Pro to your WiiM system.
3. Power on the WiiM Sub Pro.
4. Download and install the WiiM Home app on your mobile device.
5. Use the WiiM Home app to connect the WiiM Sub Pro to your network.
6. Configure the WiiM Sub Pro in the WiiM Home app to suit your preference.

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

Note: *If you want to use the WiiM Sub Pro with a third-party audio system, simply connect the WiiM Sub Pro to the system using an RCA cable. No additional setup is needed.*

Place the WiiM Sub Pro Properly

You'll typically get the best sound quality by placing the WiiM Sub Pro either at the front of the room or in a corner:

- Start by placing it at the front of the room, close to your main speakers. This often provides the most natural and seamless blend with your overall sound.
- Alternatively, try placing it in a corner. This can increase bass output by reinforcing low frequencies through room reflections. It often delivers fuller bass and helps reduce "dead spots" in the room.

Note: *If front placement or corner placement does not result in optimal bass response, move the WiiM Sub Pro around the room to determine the best placement locations.*

For details, refer to the subwoofer placement instructions in [Tutorial: Tuning Subwoofer Settings on WiiM Devices for Optimal Sound Quality](#).

Connect the WiiM Sub Pro's Audio Input

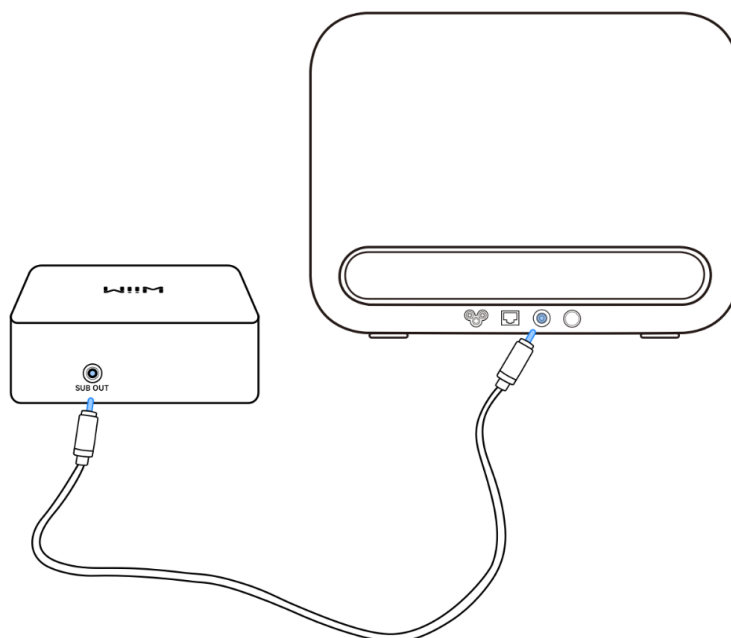
The WiiM Sub Pro features an **RCA In** port for wired connections to WiiM streamers (such as the WiiM Ultra, WiiM Amp Pro, and WiiM Amp Ultra) or to third-party audio systems like AV receivers and amplifiers.

Cable Requirement: Use an RCA mono cable with 75-ohm impedance:



Cable Connection Steps:

1. Connect one end of an RCA cable to the **RCA In** port on the WiiM Sub Pro.
2. Connect the other end of the cable to the **Sub Out** port on your audio equipment.



Alternatively, the WiiM Sub Pro can also connect to WiiM streamers via Wi-Fi or Ethernet. For details, see [Set Up the WiiM Sub Pro](#).

Power On the WiiM Sub Pro

Use the supplied AC power cable to connect the WiiM Sub Pro to a power outlet. This cable is specifically designed to support a wide range of voltages, accommodating 100-240V AC, 50/60 Hz with a maximum current of 3A. This flexibility ensures that the WiiM Sub Pro can be safely and effectively powered in various locations.

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

Download and Install the WiiM Home App

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



- The beta version is also available for Windows and Mac OS. Download it [here](#).

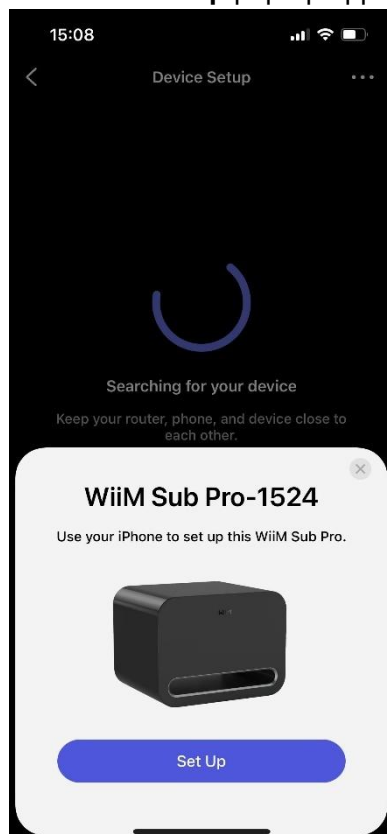
Set Up the WiiM Sub Pro

To integrate the WiiM Sub Pro with your WiiM streamer (e.g., WiiM Ultra, WiiM Amp Pro, WiiM Amp Ultra), you need to set up the WiiM Sub Pro using the WiiM Home app. During the setup, the WiiM Sub Pro will be connected to your home network via Wi-Fi or Ethernet and paired with your WiiM streamer.

If you choose to connect via Wi-Fi, make sure you have your network password ready. This will ensure a smooth and efficient setup process.

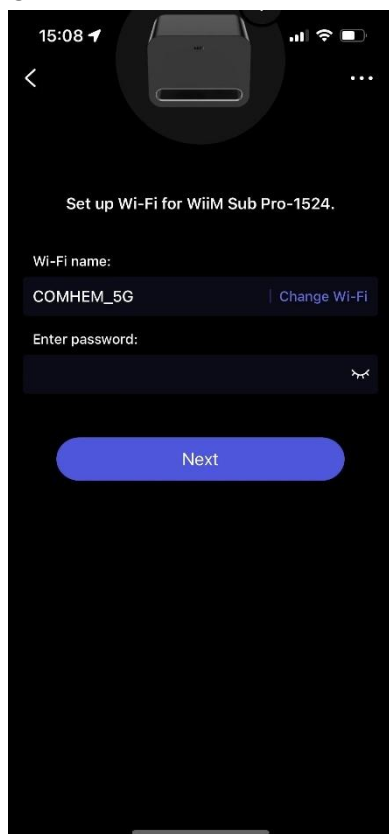
WiiM Sub Pro Setup via Wi-Fi Using WiiM Home App

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

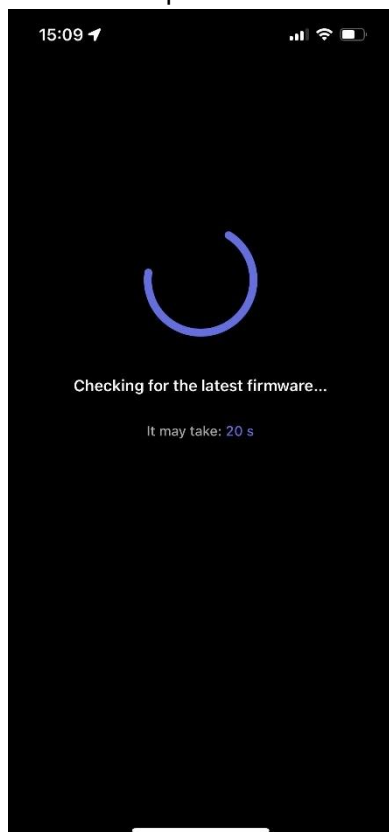


3. Follow the on-screen instructions to complete the setup:

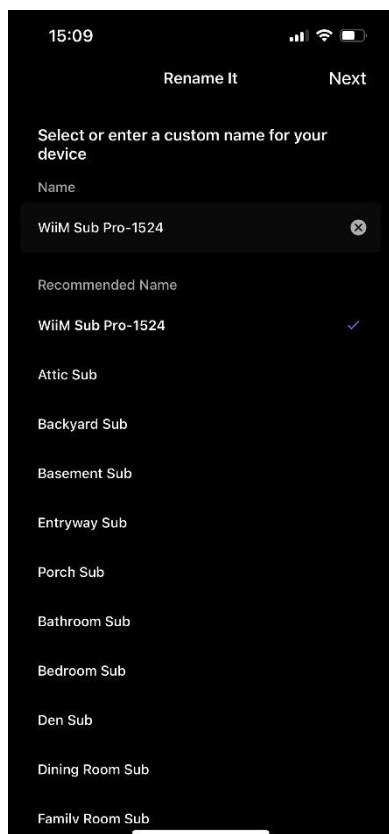
- a) Connect WiiM Sub Pro to the same Wi-Fi network as your mobile device.



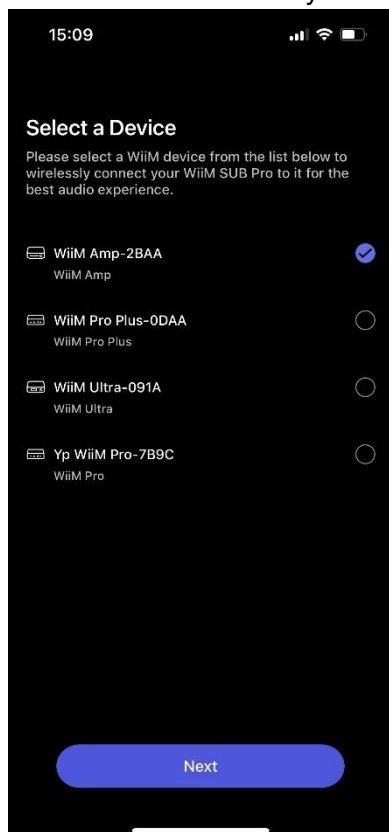
- b) Check and update the firmware.



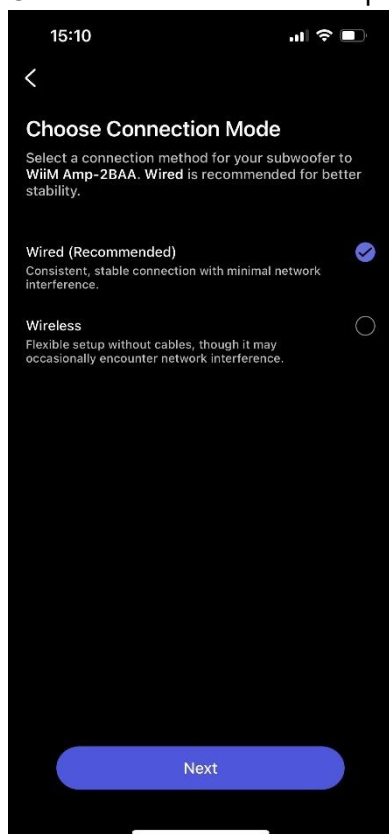
c) Rename the WiiM Sub Pro.



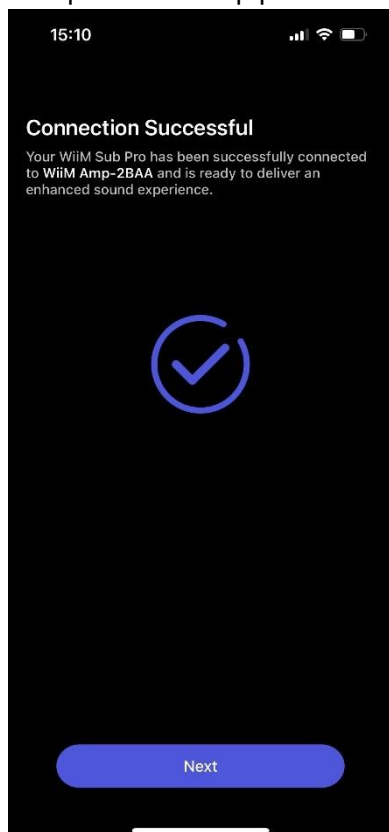
d) Select a WiiM streamer you want to pair with the WiiM Sub Pro.



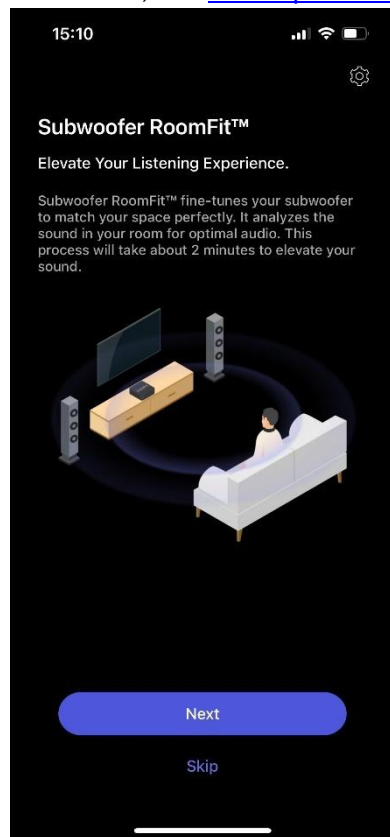
- e) Choose connection mode depending on your setup and preference.



- f) Complete the setup process.

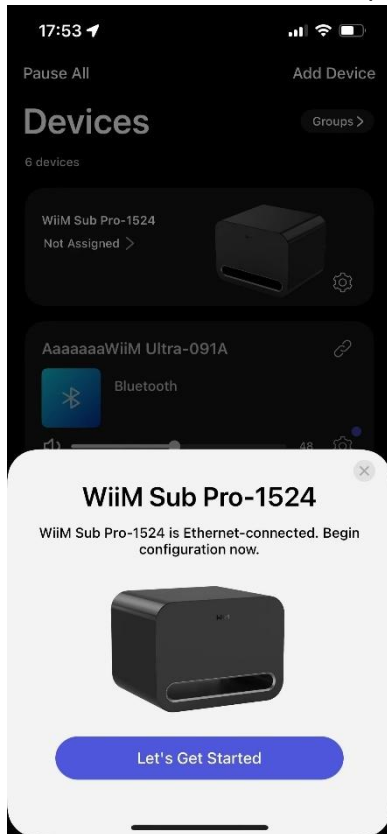


- g) Once the setup process completes, follow the on-screen instructions to perform RoomFit™ Room Correction to elevate your listening experience. For details, see [A Comprehensive Guide to WiiM Sub Pro Room Correction](#).



WiiM Sub Pro Setup via Ethernet Using WiiM Home App

1. Connect the WiiM Sub Pro to the network using an Ethernet cable.
2. Open the WiiM Home app on your smartphone or tablet.
3. When the **Let's Get Started** pop-up appears in the app, tap it to start the setup.



4. Follow the on-screen instructions to complete the setup.
5. Once the setup process completes, follow the prompt to perform RoomFit™ Room Correction to elevate your listening experience. For details, see [A Comprehensive Guide to WiiM Sub Pro Room Correction](#).

Configure the WiiM Sub Pro

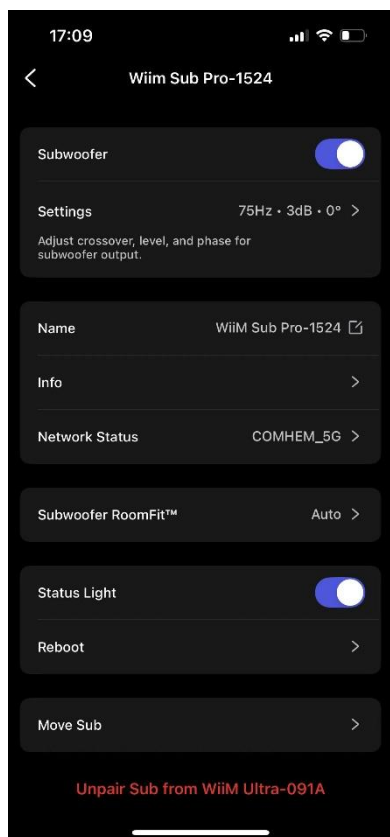
For detailed instructions, see [WiiM Sub Pro Configuration](#)

Immerse Yourself in Deep, Precise Bass at Home

Now, it's time to enjoy the deep, impactful bass. Play your favorite music from your WiiM device or any third-party source and let the WiiM Sub Pro elevate your sound experience. Whether you're listening to music, watching movies, or gaming, the WiiM Sub Pro enhances your audio system with tight, immersive low frequencies—delivering unmatched depth and intensity to your home entertainment.

6. WiiM Sub Pro Configuration

After pairing with a WiiM streamer, you can go to your WiiM Sub Pro's **Device Settings** page to configure its audio output, run RoomFit™ Room Correction, manage pairing, check status, and more.



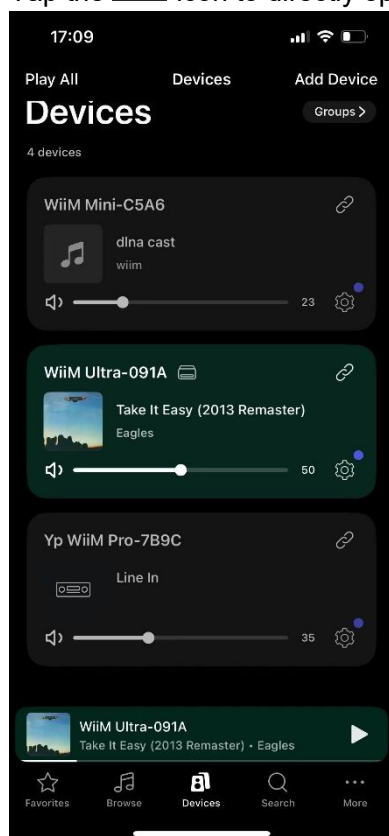
Access WiiM Sub Pro's Device Settings

There are two methods to open your WiiM Sub Pro's **Device Settings** page.

Option 1: Directly From Devices Tab

1. Open the WiiM Home app on your mobile device.
2. Go to the **Devices** tab and locate the WiiM streamer paired with your WiiM Sub Pro.

3. Tap the  icon to directly open your WiiM Sub Pro's **Device Settings** page.



Option 2: From Paired WiiM Streamer's Device Settings

1. Open the WiiM Home app on your mobile device.
2. Go to the **Devices** tab and locate the WiiM streamer paired with your WiiM Sub Pro.
3. Tap the **Device Settings** icon of the paired WiiM streamer.

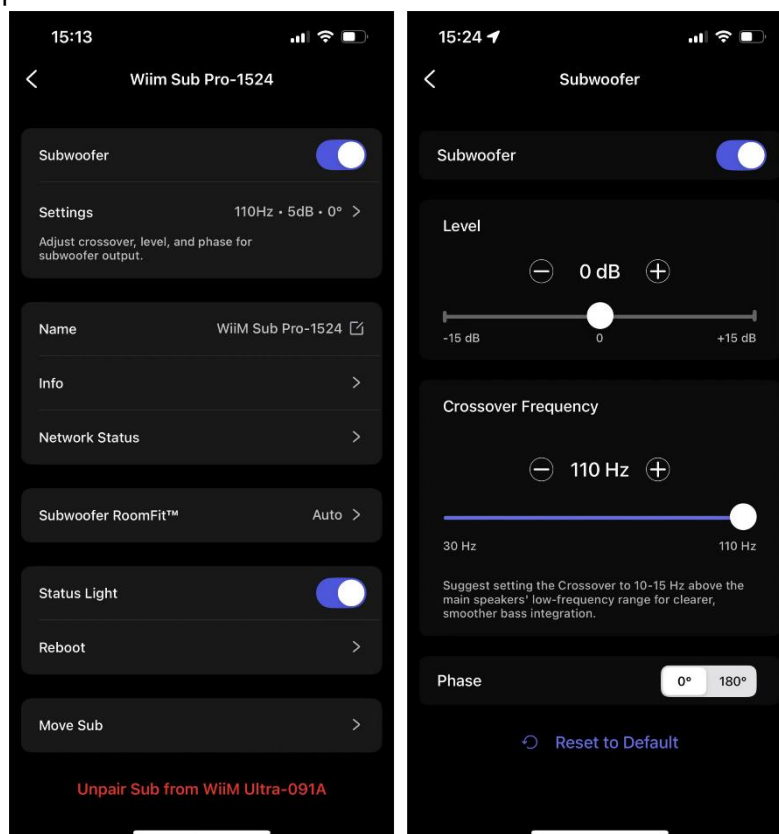
4. Select your WiiM Sub Pro to open its **Device Settings** page.



Configure Audio Output

Follow these steps:

1. Go to your WiiM Sub Pro's **Device Settings** page. For details, see [Access WiiM Sub Pro's Device Settings](#).
2. Tap **Settings**, then adjust **Crossover Frequency**, **Level**, and **Phase** to suit your preference.



For detailed guide on subwoofer settings, refer to [Tutorial: Tuning Subwoofer Settings on WiiM Devices for Optimal Sound Quality](#).

RoomFit™ Room Correction

The WiiM Sub Pro supports built-in **RoomFit™ Room Correction** to optimize bass performance according to your room's acoustics. Once your WiiM Sub Pro is set up, you can run or re-run **RoomFit™ Room Correction** anytime from its **Device Settings** page. For detailed instructions, see [A Comprehensive Guide to WiiM Sub Pro Room Correction](#).

Manage Pairing

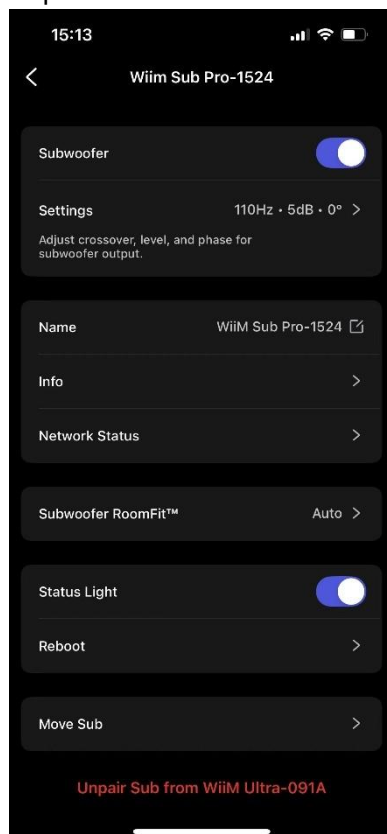
You can manage your WiiM Sub Pro's pairing in the WiiM Home app—either by pairing it with a different WiiM streamer or by disconnecting it from the current one.

Move WiiM Sub Pro Pairing

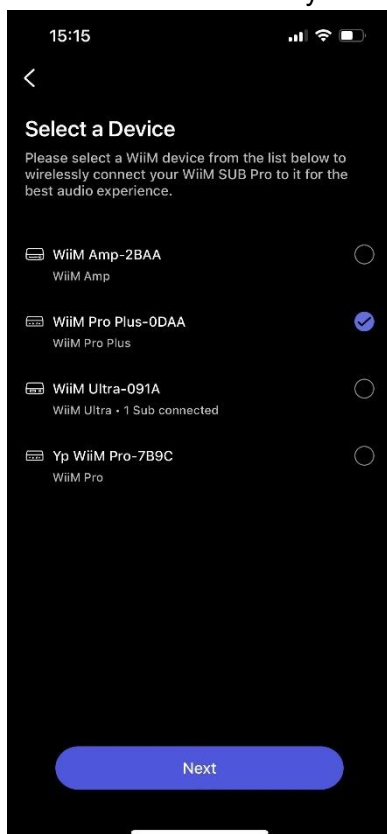
Use the **Move Sub** option in the Device Settings page to pair your WiiM Sub Pro with a different WiiM streamer, or to switch its connection mode (wired or wireless) on the same device.

Follow these steps:

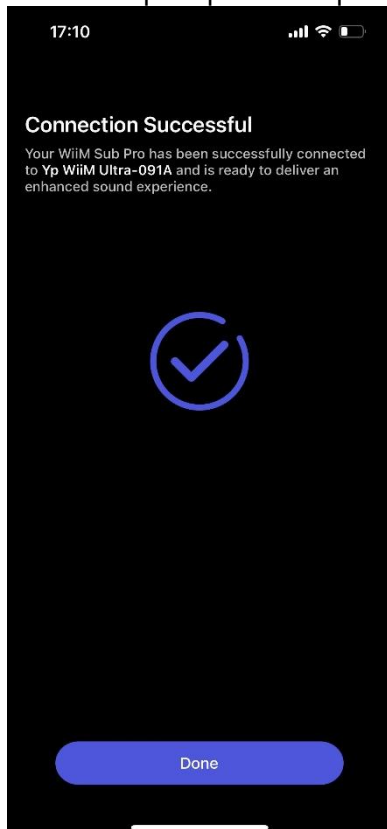
1. Go to your WiiM Sub Pro's **Device Settings** page. For details, see [Access WiiM Sub Pro's Device Settings](#).
2. Tap **Move Sub**.



3. Select a WiiM streamer you want to pair with.



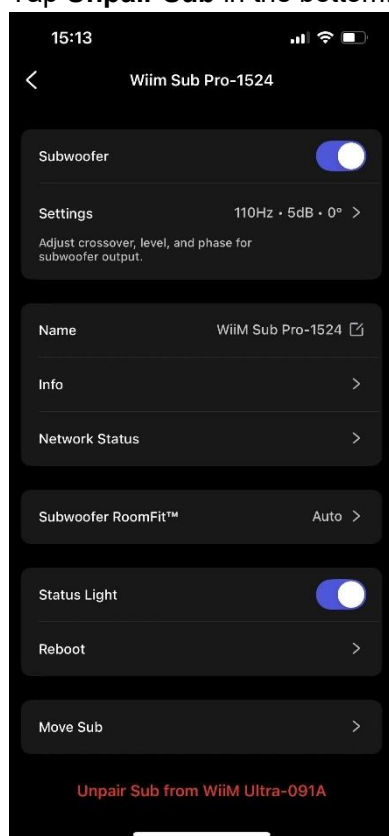
4. Follow the prompts to complete the process.



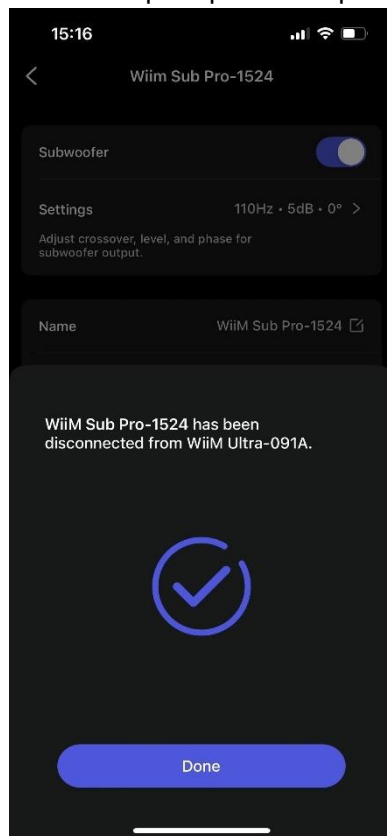
Unpair WiiM Sub Pro

To disconnect your WiiM Sub Pro from the paired WiiM streamer, follow these steps:

1. Go to your WiiM Sub Pro's **Device Settings** page. For details, see [Access WiiM Sub Pro's Device Settings](#).
2. Tap **Unpair Sub** in the bottom.



3. Follow the prompts to complete the disconnection process.



Once disconnected, your WiiM Sub Pro will be listed in the **Devices** tab and can be paired with a WiiM streamer at any time.

Other Settings

On the WiiM Sub Pro's **Device Settings** page, you can also:

- Rename your device.
- View device info and check for firmware updates.
- Reboot or restore factory settings.
- Check network status.
- Toggle the status light.

7. FAQ and Support

FAQ

If you experience problems with the WiiM Sub Pro, 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 the WiiM Home app can't find my 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 device 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 device, and router.
- If still can't find, 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?**

Please check the following:

- **Volume Levels:** Ensure the volume is turned up using the WiiM Home app.
- **Cable Connections:** Verify that cable connections between the WiiM Sub Pro and your audio source device are plugged in correctly and securely.

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

Press and hold the **Reset** button on the back panel for 10 seconds until you see the LED indicator flashing white and red.

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

Please check the following:

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

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** or **More > FAQ** to submit a ticket. You will receive an email response from WiiM Support in the next 24 hours.
- **FAQ Website:** Find more FAQ at <https://faq.wiimhome.com/en/support/solutions>.
- **Email:** Send an email to support@wiimhome.com for assistance.

8. Important Safety Instructions

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY

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. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
9. Only use attachments/accessories specified by the manufacturer.
10. Unplug this apparatus during lightning storms or when unused for long periods of time.
11. Refer all servicing to 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.
12. To reduce the risk of fire or electrical shock, do not expose this product to rain, liquids or moisture.
13. 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.
14. Keep the product away from fire and heat sources. Do NOT place naked flame sources, such as lighted candles, on or near the product.
15. Do NOT make unauthorized alterations to the product.
16. Do not use in vehicles or boats.
17. Use this product only where the power supply is provided.
18. Where this unit or the appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
19. Due to ventilation requirements, do not recommend placing the product in a confined space such as a wall cavity or in an enclosed cabinet.
20. Contains small parts which may be a choking hazard. Not suitable for children under age 3.

21. This product contains magnetic material. Consult your physician on whether this might affect your implantable medical device.
22. 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.
23. By means of a power cord connected to a socket-outlet with earthing connection.

9. 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 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 & 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:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.
- (3) Devices shall not be used for control of or communications with unmanned aircraft systems.
- (4) Devices shall not be used on oil platforms.
- (5) 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).
- (6) Devices shall not be used on automobiles.
- (7) Devices shall not be used on trains.
- (8) Devices shall not be used on maritime vessels.
- (9) 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 :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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.

	AT	BE	BG	CH	CY	CZ	DE	DK
	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LV	MT	NL
	PL	PT	RO	SE	SI	SK	TR	UK(NI)
	UK							

The device for operation in the band 5150-5350 MHz and 5955-6415MHz 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 [DoC RED](#).

