

WiiM WiiM Sub Pro

WiiM Sub Pro Wireless Smart Subwoofer User Manual

Model: WiiM Sub Pro (SUB001)

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your WiiM Sub Pro Wireless Smart Subwoofer. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your audio experience. The WiiM Sub Pro is designed to deliver deep, distortion-free bass, enhancing movies, music, and gaming with its 8-inch high-excursion woofer and 250W Class-D amplifier.



Image 1.1: Front view of the WiiM Sub Pro Wireless Smart Subwoofer.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the device or personal injury:

- Do not expose the subwoofer to water, moisture, or extreme temperatures.
- Ensure proper ventilation around the unit to prevent overheating.
- Use only the provided power cable and RCA cable.
- Do not attempt to open or repair the unit yourself. Refer all servicing to qualified personnel.
- Keep the subwoofer away from heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Position the unit on a stable, flat surface to prevent it from falling.

3. PACKAGE CONTENTS

Verify that all items are present in the box:

- WiiM Sub Pro (Black) x 1
- User Guide x 1

- Power Cable x 1
- RCA Cable x 1



Image 3.1: Included components: WiiM Sub Pro, power cable, and RCA cable.

4. PRODUCT OVERVIEW

The WiiM Sub Pro is an 8-inch wireless smart subwoofer designed to integrate seamlessly into your home audio system. It features a 250W Class-D amplifier, Wi-Fi 6, and Bluetooth 5.3 connectivity for flexible placement. The unit also includes an RCA input for wired connections.

Key Features:

- **Deep Bass Performance:** 8-inch high-excursion woofer delivers bass down to 25 Hz.
- **AI RoomFit Auto-Calibration:** One-tap tuning optimizes bass response for your specific room acoustics.
- **Wireless Connectivity:** Wi-Fi 6 and Bluetooth 5.3 for flexible placement and integration.
- **App-Driven Control:** Full control over EQ, crossover, phase, and latency via the WiiM Home App.
- **Multi-Room Integration:** Seamlessly pairs with other WiiM streamers, amplifiers, and speakers.

Rear Panel Connections:

Next-Gen Connectivity

WIFI 6



Image 4.1: Rear panel of the WiiM Sub Pro, highlighting connectivity options.

- **Power Input:** Connects to the included power cable.
- **RCA Input:** For wired connection to any receiver or soundbar with an RCA sub-out.
- **Reset Button:** Used for factory reset or troubleshooting.

5. SETUP

Follow these steps to set up your WiiM Sub Pro:

1. **Placement:** Position the subwoofer in your desired location. Ensure it is near a power outlet and has adequate ventilation.
2. **Power Connection:** Connect the power cable to the subwoofer's power input and then to a wall outlet.

3. **Download WiiM Home App:** Download the WiiM Home App on your smartphone or tablet from the App Store or Google Play Store.
4. **Initial Pairing (Wireless):**
 - Open the WiiM Home App.
 - The app will automatically search for new devices. Select 'WiiM Sub Pro' when it appears.
 - Follow the on-screen instructions to connect the subwoofer to your Wi-Fi network.



Image 5.1: WiiM Home App displaying the setup prompt for the WiiM Sub Pro.

5. **Wired Connection (Optional):** If you prefer a wired connection or are connecting to a non-WiiM system, use the included RCA cable to connect the subwoofer's RCA input to the 'Sub Out' port on your receiver or soundbar.

6. OPERATION

The WiiM Sub Pro is primarily controlled through the WiiM Home App. Once connected, you can manage its settings and integrate it with other WiiM devices.

AI RoomFit™ Calibration:

The AI RoomFit™ feature automatically optimizes the subwoofer's sound for your room's acoustics. This process typically takes about 2 minutes.

1. In the WiiM Home App, navigate to the WiiM Sub Pro settings.
2. Select the 'RoomFit' option.
3. Follow the on-screen prompts to initiate the calibration process. Ensure your room is quiet during calibration.



Image 6.1: WiiM Home App RoomFit welcome screen, illustrating acoustic optimization.

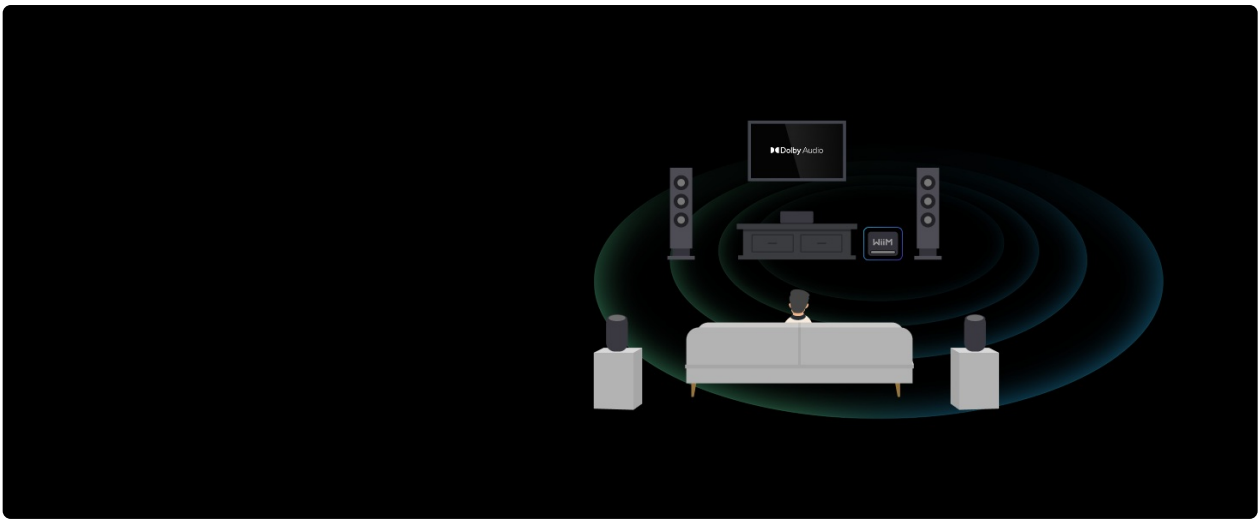


Image 6.2: Visual representation of the AI RoomFit calibration process in a home audio environment.

App Control:

The WiiM Home App provides comprehensive control over your subwoofer's performance:

- **Level Adjustment:** Fine-tune the subwoofer's output level.
- **Crossover Frequency:** Set the frequency at which the subwoofer handles bass, typically between 20Hz and 250Hz. The WiiM Sub Pro supports a maximum crossover of 110Hz for optimal performance.
- **Phase Control:** Adjust the phase (0° to 180°) to ensure proper integration with your main speakers.
- **Parametric EQ:** Utilize the 10-band parametric equalizer for precise sound customization.
- **Latency Tweaks:** Adjust for any audio delay.



Image 6.3: Screenshots of the WiiM Home App interface for device selection and subwoofer settings.

Multi-Room Integration:

The WiiM Sub Pro can be wirelessly paired with other WiiM streamers, amplifiers, and speakers to create a synchronized multi-room audio experience. This allows for cinema-grade bass to fill every corner of your home.

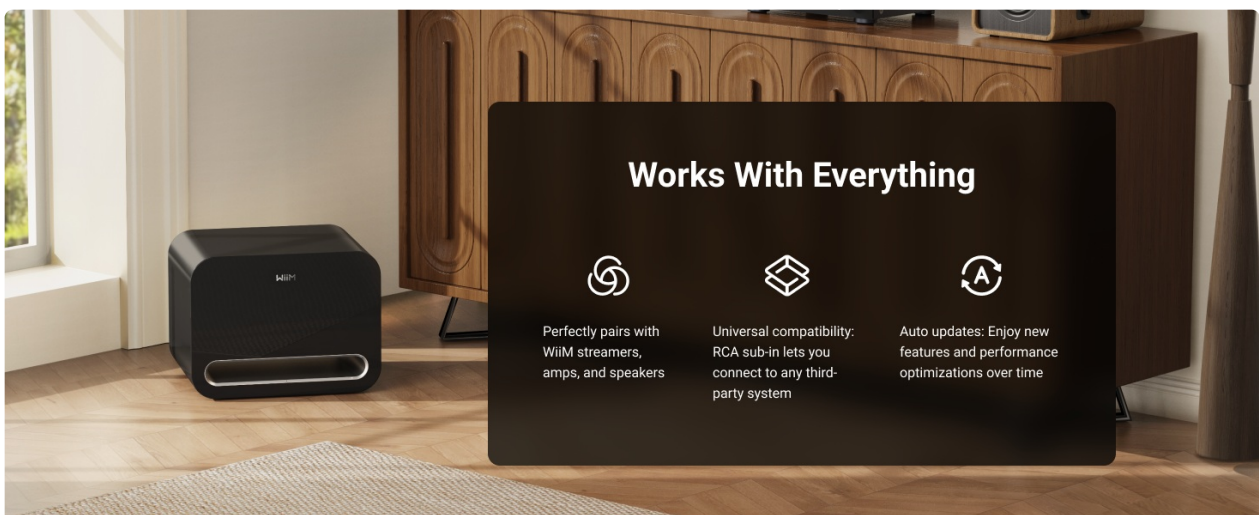


Image 6.4: The WiiM Sub Pro's compatibility with the WiiM ecosystem, RCA systems, and over-the-air updates.

7. MAINTENANCE

To ensure the longevity and optimal performance of your WiiM Sub Pro, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the subwoofer. Avoid abrasive cleaners, solvents, or harsh chemicals.
- **Ventilation:** Ensure that the ventilation ports are not blocked. Do not place the subwoofer in an enclosed space without adequate airflow.
- **Power Management:** The subwoofer features Auto Standby and Signal Wake functions. Auto Standby puts the unit into a low-power state when no audio signal is detected, and Signal Wake reactivates it upon detecting an audio signal.

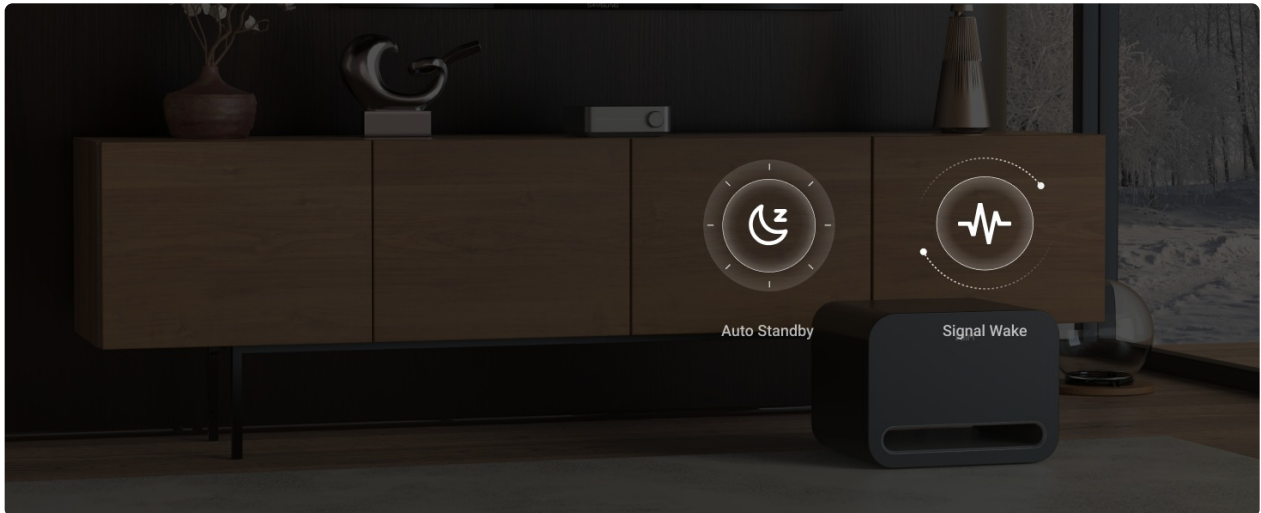


Image 7.1: Illustration of the Auto Standby and Signal Wake features.

Firmware Updates:

The WiiM Sub Pro receives Over-The-Air (OTA) firmware updates to improve performance and add new features. Ensure your device is connected to the internet for these updates.

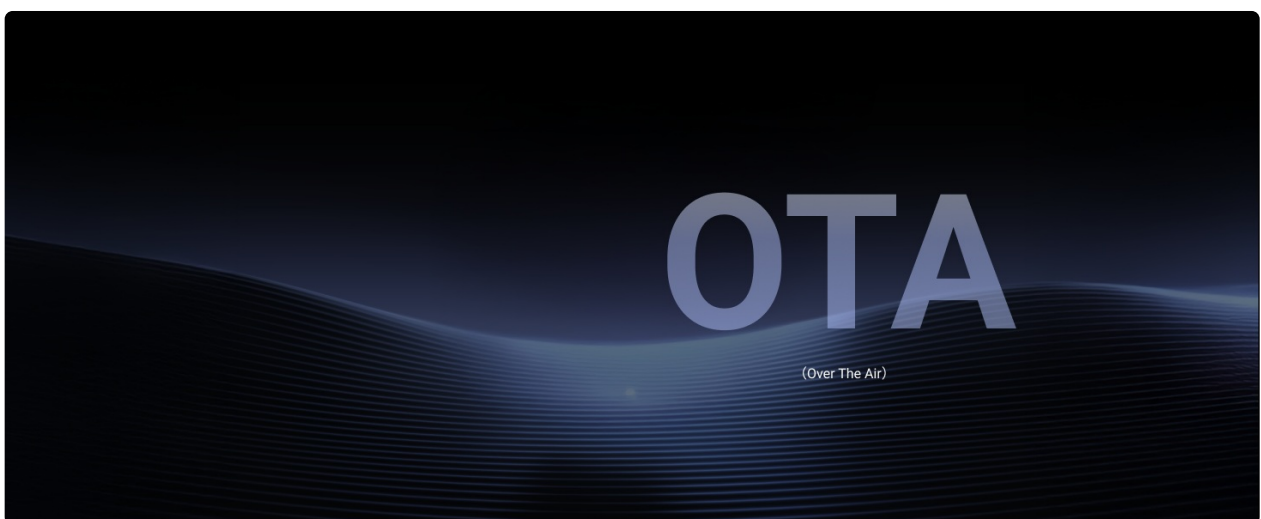


Image 7.2: The WiiM Sub Pro supports Over-The-Air (OTA) firmware updates.

8. TROUBLESHOOTING

If you encounter issues with your WiiM Sub Pro, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from subwoofer	Power not connected; volume too low; incorrect source selection; wireless connection issue; RCA cable not connected properly.	Check power connection. Increase volume in the app. Verify correct input source. Re-establish wireless connection via WiiM Home App. Ensure RCA cable is securely connected.
Bass is weak or distorted	Incorrect crossover settings; improper phase; subwoofer placement; RoomFit calibration not performed or incorrect.	Adjust crossover frequency and phase in the WiiM Home App. Experiment with subwoofer placement. Perform AI RoomFit calibration.
Subwoofer disconnects from Wi-Fi	Weak Wi-Fi signal; network interference; router issues.	Move subwoofer closer to the Wi-Fi router. Check for other devices causing interference. Restart your Wi-Fi router. Reconnect via the WiiM Home App.
Bass output limitation in wireless mode (Alexa Multi-Room Music, Roon Ready, LMS, Google Cast)	Known temporary software limitation.	WiiM is actively working on a resolution for this. Ensure your device receives firmware updates.
App cannot find subwoofer	Subwoofer not powered on; not in pairing mode; Wi-Fi issues.	Ensure subwoofer is powered on. Check Wi-Fi connection on both subwoofer and smartphone. Try restarting the app and subwoofer.

9. SPECIFICATIONS

Feature	Specification
Model Name	SUB001
Speaker Type	Subwoofer
Subwoofer Diameter	8 Inches
Speaker Maximum Output Power	250 Watts
Frequency Response	Down to 25 Hz
Connectivity Technology	Bluetooth 5.3, Wi-Fi 6
Wireless Communication Range	Up to 200 Feet (Wi-Fi), 0.2 Kilometers (Bluetooth)
Control Method	App (WiiM Home App)
Special Features	Bass Boost, Hi-Res Audio, Multi-Room Audio, AI RoomFit Calibration
Audio Output Mode	Mono

Feature	Specification
Impedance	4 Ohm
Signal-to-Noise Ratio	101 dB
Product Dimensions (D x W x H)	15.7" x 12.7" x 11.8" (399mm x 322mm x 301mm)
Item Weight	35.2 Pounds
Material	Wood
Color	Black
Power Source	Corded Electric
Indoor/Outdoor Usage	Indoor
UPC	741365254539

Product Dimensions

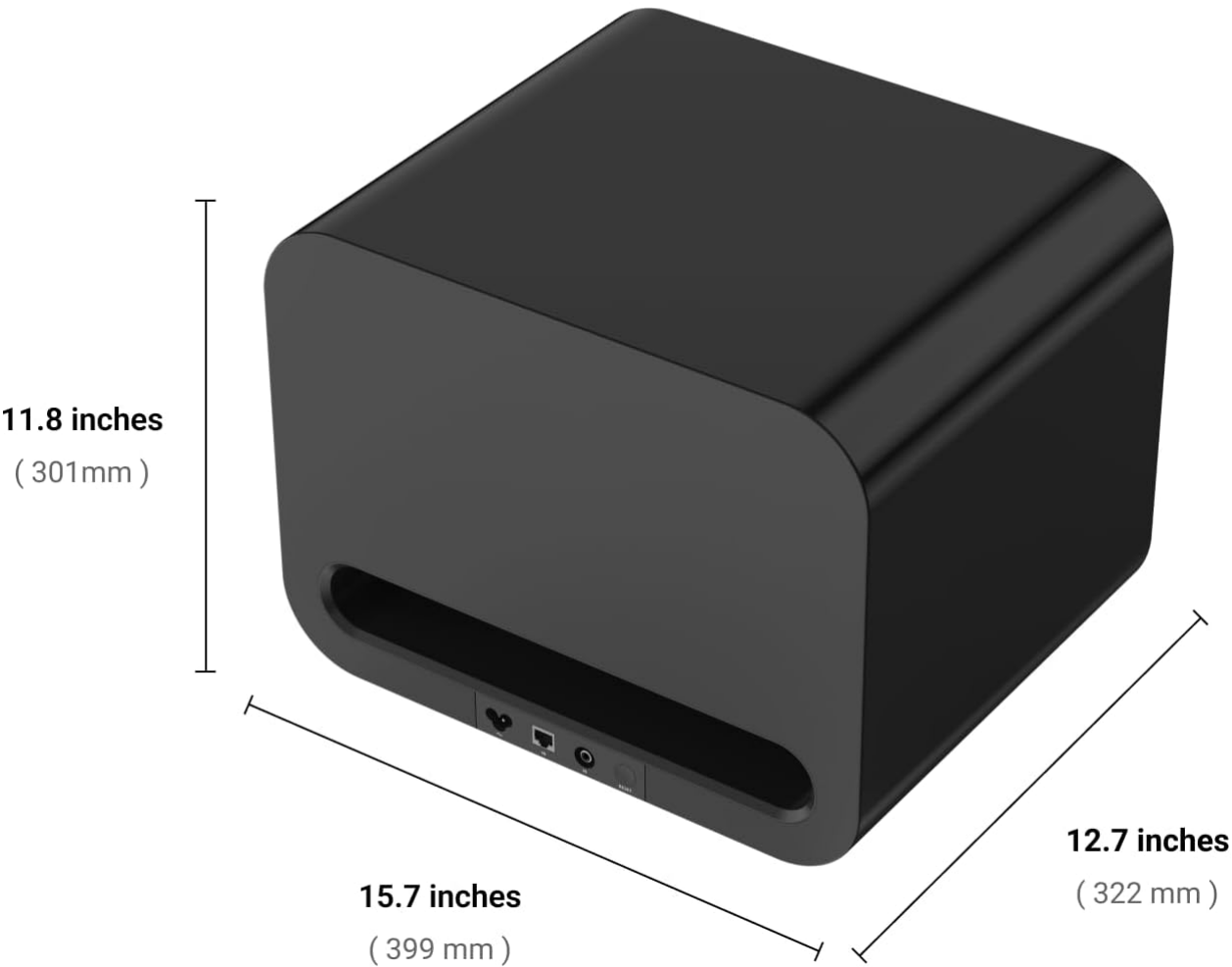


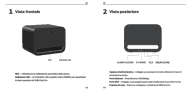
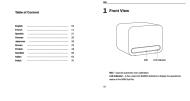
Image 9.1: Product dimensions of the WiiM Sub Pro.

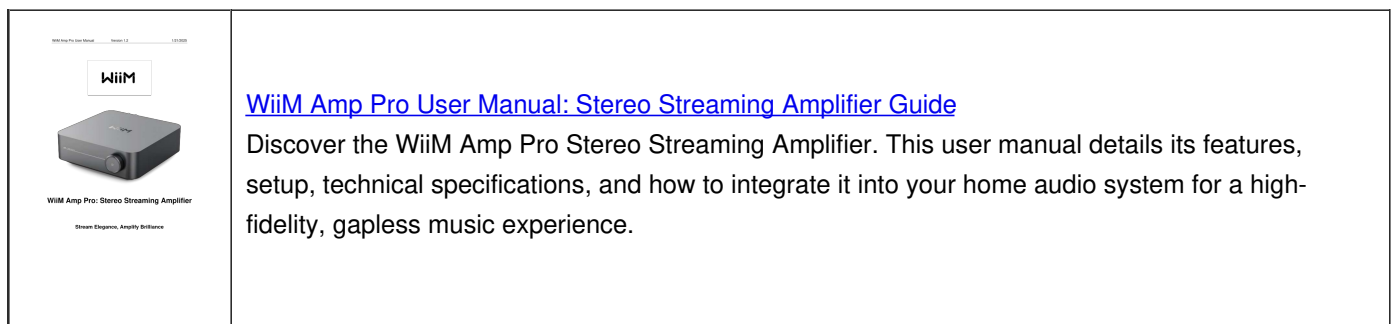
10. WARRANTY AND SUPPORT

The WiiM Sub Pro comes with a Limited Warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official WiiM website. For technical support, troubleshooting assistance, or service inquiries, please contact WiiM customer support through their official channels.

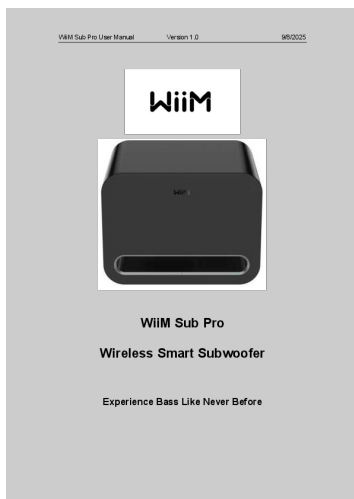
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Related Documents - WiiM Sub Pro

	WiiM Sub Pro User Guide: Setup, Connectivity, and Specifications Comprehensive user guide for the WiiM Sub Pro smart subwoofer, covering setup, connection options via Wi-Fi and RCA, app integration, technical specifications, and compliance information.
	WiiM Sub Pro User Guide: Setup, Connectivity, and Specifications Comprehensive user guide for the WiiM Sub Pro smart subwoofer, covering front and rear views, app connection, RCA connectivity, and detailed specifications. Learn how to set up and integrate the WiiM Sub Pro with your audio system.
	WiiM Sub Pro Wireless Smart Subwoofer User Manual and Setup Guide Comprehensive user manual for the WiiM Sub Pro wireless smart subwoofer. Learn about setup, configuration, features like RoomFit™ Room Correction, connectivity options (Wi-Fi, Bluetooth, RCA), troubleshooting, and important safety information.
	WiiM Sub Pro User Guide and Specifications Comprehensive user guide for the WiiM Sub Pro, covering setup, connection, specifications, and compliance information. Learn how to connect your WiiM Sub Pro via Wi-Fi or RCA, download the WiiM Home app, and understand its features.
	WiiM Amp Pro: Instrukcja obsługi wzmacniacza strumieniowego Hi-Fi Kompleksowa instrukcja obsługi WiiM Amp Pro, stereofonicznego wzmacniacza strumieniowego Hi-Fi. Poznaj jego funkcje, specyfikację, konfigurację i możliwości łączności, aby w pełni wykorzystać potencjał swojego systemu audio.



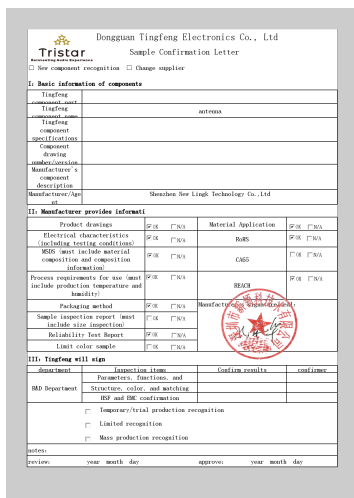
Documents - WiiM – WiiM Sub Pro



[WiiM Sub Pro Wireless Smart Subwoofer User Manual and Setup Guide](#)

Comprehensive user manual for the WiiM Sub Pro wireless smart subwoofer. Learn about setup, configuration, features like RoomFit™ Room Correction, connectivity options (Wi-Fi, Bluetooth, RCA), troubleshooting, and important safety information.

lang:en score:42 filesize: 1.21 M page_count: 41 document date: 2025-09-08

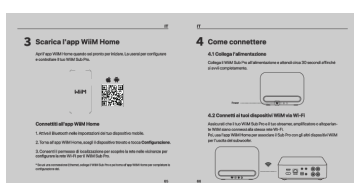


[\[pdf\]](#) Specifications Safety Datasheet Test Report

Title Project 12NC bjorn cederberg Antenna specification Linkplay Technology Inc SUB001 WiIM Sub Pro
Smart Subwoofer 2BABF 2BABFSUB001 sub001

Dongguan Tingfeng Electronics Co., Ltd Sample Confirmation Letter New component
recognition Change ... notes review Mass production recognition year month day
approve year month day 1. Overview WiiM Sub Pro , 2.4G/5G/6GWIFI PIFA This
report mainly describes the performance of the antenna tu...

lang:en score:40 filesize: 1.12 M page count: 9 document date: 2025-03-24



[\[pdf\]](#) User Manual Guide

250701 WiiM Sub Pro User Guide v1.8 manual part 2Linkplay Technology Inc SUB001 2BABF
2BABFSUB001 sub001

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lang:en score:34 filesize: 1.02 M page count: 7 document date: 2025-07-05

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1 Front View



WiiM Sub Pro is a compact, powerful subwoofer. It features a 120mm driver and a 250W amplifier. The subwoofer is designed for use with the WiiM Home system. It is compatible with various audio formats and has a wide frequency response. The subwoofer is also compatible with the WiiM Sub Pro app, which allows you to control the subwoofer's settings and volume. The subwoofer is also compatible with the WiiM Sub Pro app, which allows you to control the subwoofer's settings and volume.

[pdf] User Manual Guide

250701 WiiM Sub Pro User Guide v1 8 manual part 1Linkplay Technology Inc SUB001 2BABF 2BABFSUB001 sub001

lang:en score:34 filesize: 4.98 M page_count: 32 document date: 2025-07-05

DATE: 5/28/2025

Equipment Authorization Division
Federal Communications Commission
7330 Columbia Mills Road
Columbia, MD 21046

FCC ID: 2BABF-SUB001
Product Name: WiiM Sub Pro Smart Subwoofer

Request for Confidentiality

Pursuant to Sections 0.457 and 0.459 of the commissions rules, we hereby request that the following documents be held confidential:

- Schematics
- Block diagrams
- Operation description

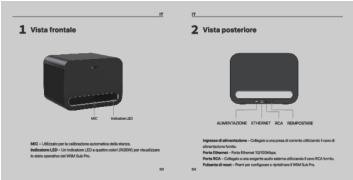
These materials contain trade secrets and proprietary information and are not customarily released to the public. The public disclosure of this information might be harmful to the company and provide a significant benefit to our competitors.

Signature
Name: Henry Jiang
Title: VP, Global Sales & Marketing
Company: Linkplay Technology Inc.

[pdf] Confidentiality Request Letter

Microsoft Word FCC doc Administrator Confidentiality request letter Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

DATE : 5/28/2025 Equipment Autorisation Division Federal Communications Commission 7435 Oakland Mills Road Columbia, MD 21046 FCC ID: 2BABF-SUB001 Product Name: WiiM Sub Pro Smart Subwoofer Request for Confidentiality Pursuant to Sections 0.457 and 0.459 of the commissions rules, we hereby request t... lang:en score:34 filesize: 92.77 K page_count: 1 document date: 2025-05-28



WiiM Sub Pro User Guide: Setup, Connectivity, and Specifications

Comprehensive user guide for the WiiM Sub Pro smart subwoofer, covering front and rear views, app connection, RCA connectivity, and detailed specifications. Learn how to set up and integrate the WiiM Sub Pro with your audio system. lang:en score:33 filesize: 1.49 M page_count: 8 document date: 2025-06-14



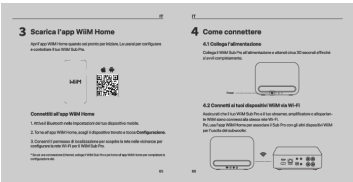
WiiM Sub Pro User Guide: Setup, Connectivity, and Specifications

Comprehensive user guide for the WiiM Sub Pro smart subwoofer, covering setup, connection options via Wi-Fi and RCA, app integration, technical specifications, and compliance information. lang:en score:33 filesize: 4.97 M page_count: 34 document date: 2025-06-14



WiiM Sub Pro : Caisson de Basses Actif 250W avec Calibration Intelligente et Connectivité Avancée

Découvrez le caisson de basses actif WiiM Sub Pro. Profitez de 250W de puissance, calibration RoomFit™, Wi-Fi 6E, Bluetooth 5.3 et contrôle via l'app WiiM Home pour une expérience audio immersive. Idéal pour musique, cinéma et gaming. lang:fr score:33 filesize: 955.44 K page_count: 2 document date: 2025-09-16



[pdf] User Manual Guide

250701 WiiM Sub Pro User Guide v1 8 manual part 2Linkplay Technology Inc SUB001 2BABF 2BABFSUB001 sub001

lang:fr score:32 filesize: 1.02 M page_count: 7 document date: 2025-07-06

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1 Front View



MSC: Used for automatic room calibration.
0dB/20Hz - 100dB/20KHz available in display for operational status of the WiiM Sub Pro.

WiiM Sub Pro User Guide and Specifications

Comprehensive user guide for the WiiM Sub Pro, covering setup, connection, specifications, and compliance information. Learn how to connect your WiiM Sub Pro via Wi-Fi or RCA, download the WiiM Home app, and understand its features.

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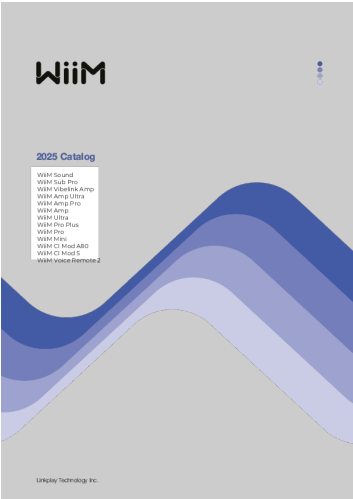


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Spec SheetWiiM Sub Pro Wireless Subwoofer K B Audiowiim sub pro spec sheetcdn shopify s files 1 0055 9906 8206 wiim sheet v 1756811332 |||

Version 1.0 WiiM Sub Pro Experience Bass Like Never Before Version 1.0 Meet WiiM Sub Pro The WiiM Sub Pro is a high-performance wired and wireless subwoofer designed for audiophiles and home entertainment enthusiasts seeking deep, powerful, and distortionfree bass. With rich low-frequency response...

lang:en score:30 filesize: 247.42 K page_count: 3 document date: 2025-05-13



WiiM 2025 Catalog: High-Fidelity Audio Streamers and Amplifiers

Explore the comprehensive 2025 catalog from WiiM, featuring a range of high-fidelity audio streamers, amplifiers, and accessories. Discover products like the WiiM Sound, WiiM Pro Plus, WiiM Amp Ultra, and more, designed for exceptional sound quality and seamless connectivity.

lang:en score:29 filesize: 4.63 M page_count: 40 document date: 2025-07-23

EST Page 1 of 11 Report No. ESTE-R2504068

FCC 47 CFR MPE REPORT

Linkplay Technology Inc
WiiM Sub Pro Smart Subwoofer
Model Number: SUB001
FCC ID: 2BABF-SUB001

Applicant:	Linkplay Technology Inc
Address:	8000 Jarvis Avenue Suite #130, Newark, CA 94560
Prepared By:	EST Technology Co., Ltd. Chilingxang, Guizhou, Sanyu, Huijin, Dongguan, Guangdong, China Tel: 86-769-83081888-808

Report Number:	ESTE-R2504068
Date of Test:	Mar 14, 2025 - Apr 01, 2025
Date of Report:	May 28, 2025

[pdf] Test Report SAR Rating

Microsoft Word ESTE R2504068 RF Exposure for Mobile pc Evaluation Linkplay Technology Inc SUB001

WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

Page 1 of 11 Report No. ESTE-R2504068 FCC 47 CFR MPE REPORT Linkplay Technoiogy Inc WiiM Sub Pro Smart Subwoofer Model Number: SUB001 FCC ID: 2BABF-SUB001 Applicant: Address: Linkplay Technology Inc 8000 Jarvis Avenue Suite #130, Newark, CA 94560 Prepared By: EST Technology Co., Ltd. Chilingx...

lang:en score:29 filesize: 235.43 K page_count: 11 document date: 2025-06-13

Test Result

[illegible]

Tonscend Test report part 2 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF
2BABFSUB001 sub001

lang:en score:15 filesize: 3.73 M page_count: 40 document date: 2025-06-13

Test Result

Setback	Antenna	Frequency [MHz]	26th SW [mW]	F ₁ [MHz]	F ₂ [MHz]	Line [m]	Vertical
1A4285910	Avt1	5955	21 145	5944 100	5955 000		
1A4285910	Avt2	5955	21 000	5944 200	5955 000		
1A4285910	Avt1	6175	21 060	6164 200	6185 000		
1A4285910	Avt2	6175	21 060	6164 200	6185 000		
1A4285910	Avt1	6415	21 060	6404 200	6425 000		
1A4285910	Avt2	6415	21 000	6404 100	6420 700		
1A4285910	Avt1	6635	30 000	50 000	50 000		
1A4285910	Avt2	6635	30 000	50 000	50 000		
1A4285910	Avt1	6855	40 000	58 000	58 000		
1A4285910	Avt2	6855	40 000	58 000	58 000		
1A4285910	Avt1	6855	30 000	58 000	58 000		
1A4285910	Avt2	6855	30 000	58 000	58 000		
1A4285910	Avt1	6425	30 000	6395 100	6440 000		
1A4285910	Avt2	6425	40 000	6384 000	6440 000		
1A4285910	Avt1	6855	30 000	6825 000	6855 000		
1A4285910	Avt2	6855	62 000	5940 700	6030 200		
1A4285910	Avt1	6145	62 000	6133 200	6145 100		
1A4285910	Avt2	6145	63 200	6133 800	6145 100		
1A4285910	Avt1	6855	63 200	6133 800	6145 100		
1A4285910	Avt2	6855	63 200	6133 800	6145 100		

Tonscend Test report part 2 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF
2BABFSUB001 sub001

lang:en score:15 filesize: 3.62 M page_count: 36 document date: 2025-06-13

Model Number: SUB001
FCC ID: 2B48F-SUB001

Applicant :	Linkplay Technology Inc
Address:	8000 Jarvis Avenue Suite #130, Newark, CA 94560
Prepared By:	EST Technology Co., Ltd. Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China
	Tel: 86-769-83081888-808

Report Number:	ESTE-R2504066
Date of Test:	Mar. 14, 2025 ~ Apr. 01, 2025
Date of Report:	May. 26, 2025

FATE Test report part 1 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF
2BABFSUB001 sub001

lang:en score:15 filesize: 2.29 M page_count: 72 document date: 2025-06-03



[pdf] Test Report

Tonscend Test report part 3 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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[pdf] Test Report

Tonscend Test report part 10 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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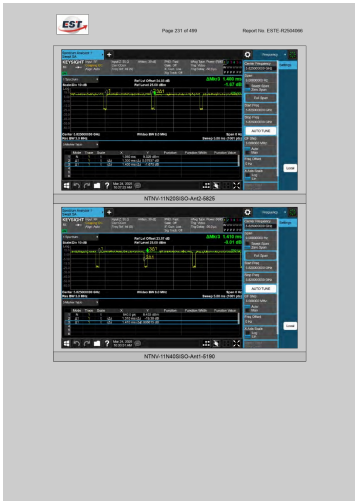


[pdf] Test Report

Tonscend Test report part 5 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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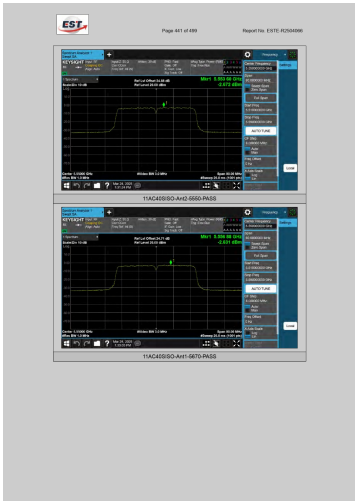


[pdf] Test Report

Tonscend Test report part 7 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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[pdf] Test Report

Tonscend Test report part 11 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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EST

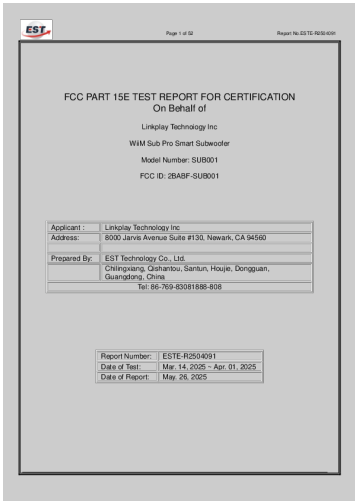
Page 1 of 400

Report No. EST-1024500

Appendix A1: Emission Bandwidth

Test Result

Testbed	Antenna	Frequency(MHz)	3dB BW (MHz)	F1(MHz)	F2(MHz)	Limit(MHz)	Verdict
V1A	Ant1	5180	21.000	5169.000	5191.000	...	...
V1A	Ant2	5180	21.000	5169.000	5191.000	...	...
V1A	Ant1	5200	21.400	5188.600	5211.400	...	...
V1A	Ant2	5200	21.400	5188.600	5211.400	...	...
V1A	Ant1	5240	21.600	5228.400	5251.600	...	...
V1A	Ant2	5240	21.600	5228.400	5251.600	...	...
V1A	Ant1	5280	21.040	5268.960	5291.040	...	...
V1A	Ant2	5280	21.040	5268.960	5291.040	...	...
V1A	Ant1	5320	20.600	5309.400	5330.600	...	...
V1A	Ant2	5320	20.600	5309.400	5330.600	...	...
V1A	Ant1	5360	20.000	5340.000	5380.000	...	...
V1A	Ant2	5360	20.000	5340.000	5380.000	...	...
V1A	Ant1	5400	20.000	5380.000	5420.000	...	...
V1A	Ant2	5400	20.000	5380.000	5420.000	...	...
V1A	Ant1	5440	21.000	5429.000	5451.000	...	...
V1A	Ant2	5440	21.000	5429.000	5451.000	...	...
V1A	Ant1	5480	21.000	5469.000	5501.000	...	...
V1A	Ant2	5480	21.000	5469.000	5501.000	...	...
V1A	Ant1	5520	21.000	5509.000	5531.000	...	...
V1A	Ant2	5520	21.000	5509.000	5531.000	...	...
V1A	Ant1	5560	21.000	5549.000	5571.000	...	...
V1A	Ant2	5560	21.000	5549.000	5571.000	...	...
V1A	Ant1	5600	21.000	5589.000	5611.000	...	...
V1A	Ant2	5600	21.000	5589.000	5611.000	...	...
V1A	Ant1	5640	21.000	5629.000	5651.000	...	...
V1A	Ant2	5640	21.000	5629.000	5651.000	...	...
V1A	Ant1	5680	21.000	5669.000	5691.000	...	...
V1A	Ant2	5680	21.000	5669.000	5691.000	...	...
V1A	Ant1	5720	21.000	5709.000	5731.000	...	...
V1A	Ant2	5720	21.000	5709.000	5731.000	...	...
V1A	Ant1	5760	21.000	5749.000	5771.000	...	...
V1A	Ant2	5760	21.000	5749.000	5771.000	...	...
V1A	Ant1	5800	21.000	5789.000	5811.000	...	...
V1A	Ant2	5800	21.000	5789.000	5811.000	...	...
V1A	Ant1	5840	21.000	5829.000	5851.000	...	...
V1A	Ant2	5840	21.000	5829.000	5851.000	...	...
V1A	Ant1	5880	21.000	5869.000	5891.000	...	...
V1A	Ant2	5880	21.000	5869.000	5891.000	...	...
V1A	Ant1	5920	21.000	5909.000	5931.000	...	...
V1A	Ant2	5920	21.000	5909.000	5931.000	...	...
V1A	Ant1	5960	21.000	5949.000	5971.000	...	...
V1A	Ant2	5960	21.000	5949.000	5971.000	...	...
V1A	Ant1	6000	21.000	5989.000	6011.000	...	...
V1A	Ant2	6000	21.000	5989.000	6011.000	...	...
V1A	Ant1	6040	21.000	6029.000	6051.000	...	...
V1A	Ant2	6040	21.000	6029.000	6051.000	...	...
V1A	Ant1	6080	21.000	6069.000	6091.000	...	...
V1A	Ant2	6080	21.000	6069.000	6091.000	...	...
V1A	Ant1	6120	21.000	6109.000	6131.000	...	...
V1A	Ant2	6120	21.000	6109.000	6131.000	...	...
V1A	Ant1	6160	21.000	6149.000	6171.000	...	...
V1A	Ant2	6160	21.000	6149.000	6171.000	...	...
V1A	Ant1	6200	21.000	6189.000	6211.000	...	...
V1A	Ant2	6200	21.000	6189.000	6211.000	...	...
V1A	Ant1	6240	21.000	6229.000	6251.000	...	...
V1A	Ant2	6240	21.000	6229.000	6251.000	...	...
V1A	Ant1	6280	21.000	6269.000	6291.000	...	...
V1A	Ant2	6280	21.000	6269.000	6291.000	...	...
V1A	Ant1	6320	21.000	6309.000	6331.000	...	...
V1A	Ant2	6320	21.000	6309.000	6331.000	...	...
V1A	Ant1	6360	21.000	6349.000	6371.000	...	...
V1A	Ant2	6360	21.000	6349.000	6371.000	...	...
V1A	Ant1	6400	21.000	6389.000	6411.000	...	...
V1A	Ant2	6400	21.000	6389.000	6411.000	...	...
V1A	Ant1	6440	21.000	6429.000	6451.000	...	...
V1A	Ant2	6440	21.000	6429.000	6451.000	...	...
V1A	Ant1	6480	21.000	6469.000	6491.000	...	...
V1A	Ant2	6480	21.000	6469.000	6491.000	...	...
V1A	Ant1	6520	21.000	6509.000	6531.000	...	...
V1A	Ant2	6520	21.000	6509.000	6531.000	...	...
V1A	Ant1	6560	21.000	6549.000	6571.000	...	...
V1A	Ant2	6560	21.000	6549.000	6571.000	...	...
V1A	Ant1	6600	21.000	6589.000	6611.000	...	...
V1A	Ant2	6600	21.000	6589.000	6611.000	...	...
V1A	Ant1	6640	21.000	6629.000	6651.000	...	...
V1A	Ant2	6640	21.000	6629.000	6651.000	...	...
V1A	Ant1	6680	21.000	6669.000	6691.000	...	...
V1A	Ant2	6680	21.000	6669.000	6691.000	...	...
V1A	Ant1	6720	21.000	6709.000	6731.000	...	...
V1A	Ant2	6720	21.000	6709.000	6731.000	...	...
V1A	Ant1	6760	21.000	6749.000	6771.000	...	...
V1A	Ant2	6760	21.000	6749.000	6771.000	...	...
V1A	Ant1	6800	21.000	6789.000	6811.000	...	...
V1A	Ant2	6800	21.000	6789.000	6811.000	...	...
V1A	Ant1	6840	21.000	6829.000	6851.000	...	...
V1A	Ant2	6840	21.000	6829.000	6851.000	...	...
V1A	Ant1	6880	21.000	6869.000	6891.000	...	...
V1A	Ant2	6880	21.000	6869.000	6891.000	...	...
V1A	Ant1	6920	21.000	6909.000	6931.000	...	...
V1A	Ant2	6920	21.000	6909.000	6931.000	...	...
V1A	Ant1	6960	21.000	6949.000	6971.000	...	...
V1A	Ant2	6960	21.000	6949.000	6971.000	...	...
V1A	Ant1	7000	21.000	6989.000	7011.000	...	...
V1A	Ant2	7000	21.000	6989.000	7011.000	...	...
V1A	Ant1	7040	21.000	7029.000	7051.000	...	...
V1A	Ant2	7040	21.000	7029.000	7051.000	...	...
V1A	Ant1	7080	21.000	7069.000	7091.000	...	...
V1A	Ant2	7080	21.000	7069.000	7091.000	...	...
V1A	Ant1	7120	21.000	7109.000	7131.000	...	...
V1A	Ant2	7120	21.000	7109.000	7131.000	...	...
V1A	Ant1	7160	21.000	7149.000	7171.000	...	...
V1A	Ant2	7160	21.000	7149.000	7171.000	...	...
V1A	Ant1	7200	21.000	7189.000	7211.000	...	...
V1A	Ant2	7200	21.000	7189.000	7211.000	...	...
V1A	Ant1	7240	21.000	7229.000	7251.000	...	...
V1A	Ant2	7240	21.000	7229.000	7251.000	...	...
V1A	Ant1	7280	21.000	7269.000	7291.000	...	...
V1A	Ant2	7280	21.000	7269.000	7291.000	...	...
V1A	Ant1	7320	21.000	7309.000	7331.000	...	...
V1A	Ant2	7320	21.000	7309.000	7331.000	...	...
V1A	Ant1	7360	21.000	7349.000	7371.000	...	...
V1A	Ant2	7360	21.000	7349.000	7371.000	...	...
V1A	Ant1	7400	21.000	7389.000	7411.000	...	...
V1A	Ant2	7400	21.000	7389.000	7411.000	...	...
V1A	Ant1	7440	21.000	7429.000	7451.000	...	...
V1A	Ant2	7440	21.000	7429.000	7451.000	...	...
V1A	Ant1	7480	21.000	7469.000	7491.000	...	...
V1A	Ant2	7480	21.000	7469.000	7491.000	...	...
V1A	Ant1	7520	21.000	7509.000	7531.000	...	...
V1A	Ant2	7520	21.000	7509.000	7531.000	...	...
V1A	Ant1	7560	21.000	7549.000	7571.000	...	...
V1A	Ant2	7560	21.000	7549.000	7571.000	...	...
V1A	Ant1	7600	21.000	7589.000	7611.000	...	...
V1A	Ant2	7600	21.000	7589.000	7611.000	...	...
V1A	Ant1	7640	21.000	7629.000	7651.000	...	...
V1A	Ant2	7640	21.000	7629.000	7651.000	...	...
V1A	Ant1	7680	21.000	7669.000	7691.000	...	...
V1A	Ant2	7680	21.000	7669.000	7691.000	...	...
V1A	Ant1	7720	21.000	7709.000	7731.000	...	...
V1A	Ant2	7720	21.000	7709.000	7731.000	...	...
V1A	Ant1	7760	21.000	7749.000	7771.000	...	...
V1A	Ant2	7760	21.000	7749.000	7771.000	...	...
V1A	Ant1	7800	21.000	7789.000	7811.000	...	...
V1A	Ant2	7800	21.000	7789.000	7811.000	...	...
V1A	Ant1	7840	21.000	7829.000	7851.000	...	...
V1A	Ant2	7840	21.000	7829.000	7851.000	...	...
V1A	Ant1	7880	21.000	7869.000	7891.000	...	...
V1A	Ant2	7880	21.000	7869.000	7891.000	...	...
V1A	Ant1	7920	21.000	7909.000	7931.000	...	...
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V1A	Ant1	7960	21.000	7949.000	7971.000	...	...
V1A	Ant2	7960	21.000	7949.000	7971.000	...	...
V1A	Ant1	8000	21.000	7989.000	8011.000	...	...
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V1A	Ant2	8040	21.000	8029.000	8051.000	...	...
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V1A	Ant2	8080	21.000	8069.000	8091.000	...	...
V1A	Ant1	8120	21.000	8109.000	8131.000	...	...
V1A	Ant2	8120	21.000	8109.000	8131.000	...	...
V1A	Ant1	8160	21.000	8149.000	8171.000	...	...
V1A	Ant2	8160	21.000	8149.000	8171.000	...	...
V1A	Ant1	8200	21.000	8189.000	8211.000	...	...
V1A	Ant2	8200	21.000	8189.000	8211.000	...	...
V1A	Ant1	8240	21.000	8229.000	8251.000	...	...
V1A	Ant2	8240	21.000	8229.000	8251.000	...	...
V1A	Ant1	8280	21.000	8269.000	8291.000	...	...
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V1A	Ant1	8320	21.000	8309.000	8331.000	...	...
V1A	Ant2	8320	21.000	8309.000	8331.000	...	...
V1A	Ant1	8360	21.000	8349.000	8371.000	...	...
V1A	Ant2	8360					

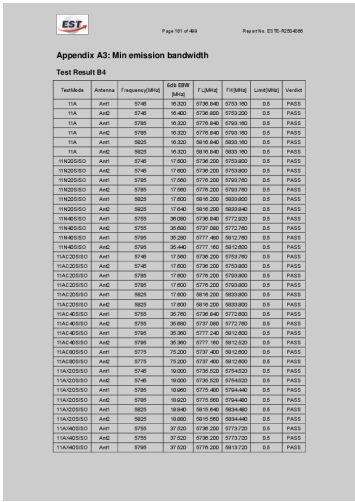


[pdf] Test Report

FATE Test report part 1 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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[pdf] Test Report

Tonscend Test report part 6 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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[pdf] Test Report

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[pdf] Test Report

Tonscend Test report part 8 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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lang:en score:15 filesize: 4.24 M page_count: 50 document date: 2025-06-13

EST

Page 37 of 40 Report No. ESTC-R329406

Appendix A2: Occupied channel bandwidth

Test Result

TestSub	Antenna	Frequency(MHz)	Ch	F1(MHz)	F2(MHz)	Link(MHz)	Verdict
11A	Ant1	5180	95728	5171.0660	5189.2670	...	...
11A	Ant2	5180	95755	5171.0910	5189.2660	...	...
11A	Ant3	5200	95733	5191.0400	5200.3700	...	...
11A	Ant4	5200	95760	5191.0500	5200.4100	...	...
11A	Ant5	5240	95760	5231.0470	5248.4080	...	...
11A	Ant6	5240	95810	5231.0200	5248.4090	...	...
11A	Ant7	5280	95741	5251.0547	5280.3607	...	...
11A	Ant8	5280	95777	5251.0540	5280.4810	...	...
11A	Ant9	5320	95950	5301.0124	5330.4614	...	...
11A	Ant10	5320	95912	5301.0860	5330.4600	...	...
11A	Ant11	5320	95944	5310.0395	5330.4715	...	...
11A	Ant12	5320	95955	5311.0864	5330.4704	...	...
11A	Ant13	5360	95902	5380.1089	5390.4900	...	...
11A	Ant14	5360	95870	5381.0307	5390.3707	...	...
11A	Ant15	5360	95870	5371.0571	5389.5521	...	...
11A	Ant16	5360	11264	5371.4020	5389.5500	...	...
11A	Ant17	5700	11100	5691.4504	5700.5144	...	...
11A	Ant18	5700	11203	5691.4670	5700.4600	...	...
11A	Ant19	5740	11142	5738.4670	5753.5000	...	...
11A	Ant20	5740	11207	5738.4600	5753.5200	...	...
11A	Ant21	5780	11219	5778.5501	5793.5721	...	...
11A	Ant22	5780	95939	5778.5600	5793.5600	...	...
11A	Ant23	5820	11219	5816.4207	5831.4471	...	...
11A	Ant24	5820	95903	5816.5734	5831.5384	...	...
11K20180	Ant1	5180	11240	5170.0640	5189.0000	...	...
11K20180	Ant2	5180	11248	5171.0366	5189.0006	...	...
11K20180	Ant3	5200	11268	5191.0312	5200.0002	...	...
11K20180	Ant4	5200	11244	5191.0100	5200.0000	...	...
11K20180	Ant5	5240	11260	5231.0209	5240.0009	...	...
11K20180	Ant6	5240	11269	5231.0444	5240.0224	...	...
11K20180	Ant7	5280	10210	5250.0006	5280.0006	...	...
11K20180	Ant8	5280	11260	5251.0407	5280.0407	...	...
11K20180	Ant9	5360	11267	5300.0122	5330.0002	...	...
11K20180	Ant10	5360	11213	5301.0400	5330.0000	...	...
11K20180	Ant11	5360	11240	5311.0011	5330.0401	...	...
11K20180	Ant12	5360	11242	5311.0002	5330.0702	...	...
11K20180	Ant13	5360	95900	5481.0000	5500.0100	...	...

[pdf] Test Report

Tonscend Test report part 4 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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EST

Page 1 of 52 Report No. ESTC-R329406

FCC PART 15C REPORT FOR CERTIFICATION

On Behalf of

Linkplay Technology Inc

WiiM Sub Pro Smart Subwoofer

Model Number: SUB001

FCC ID: 2BABF-SUB001

Applicant : Linkplay Technology Inc

Address : 8000 Jarvis Avenue Suite #130, Newark, CA 94560

Prepared By : EST Technology Co., Ltd.

Onlingxing, Qianhai, Shantou, Huizhou, Dongguan, Guangdong, China

Tel: 86-769-83081886-808

Report Number: ESTC-R329406S

Date of Test: Mar 14, 2025 - Apr 01, 2025

Date of Report: May 26, 2025

[pdf] Test Report

FATE Test report part 1 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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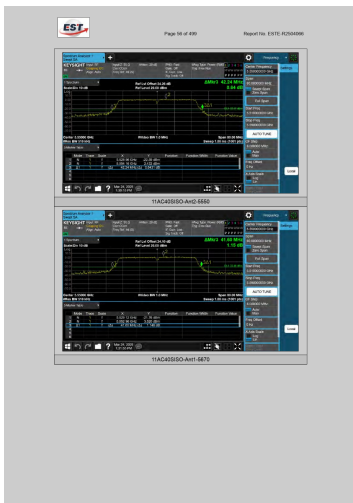


[pdf] Test Report

Tonscend Test report part 3 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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[pdf] Test Report

Tonscend Test report part 3 Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

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[pdf]

Microsoft Word Test photos pc setup Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

Conducted Test Radiated Test Below 1GHz Radiated Test Above 1GHz Dynamic Frequency Selection Contention-Based Protocol ...

lang:en score:15 filesize: 465.09 K page_count: 3 document date: 2025-06-05



[pdf] Product Photos Teardown

Microsoft Word Interior photograph pc Internal photos Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

Internal Photos M/N: SUB001 Internal Photos M/N: SUB001 Internal Photos M/N: SUB001 Internal Photos M/N: SUB001 Internal Photos M/N: SUB001 ...

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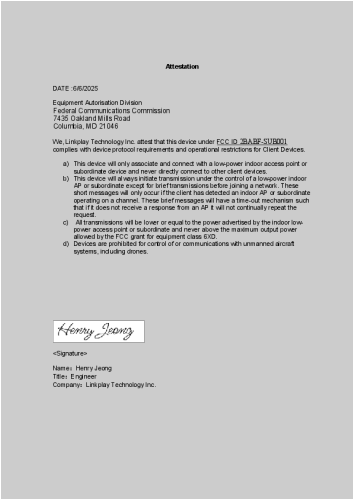


[pdf] Label

250319 WiiM Sub Pro Silk Screen v1 2 Label Linkplay Technology Inc SUB001 Smart Subwoofer 2BABF 2BABFSUB001 sub001

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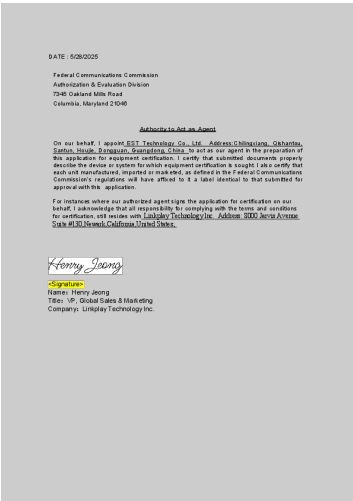


[pdf]

Microsoft Word KDB 987594 attestation cola Attestation Letter Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

Attestation DATE :6/6/2025 Equipment Autorisation Division Federal Communications Commission 7435 Oakland Mills Road Columbia, MD 21046 We, Linkplay Technology Inc. attest that this device under FCC ID 2BABF-SUB001 complies with device protocol requirements and operational restrictions for Client De...

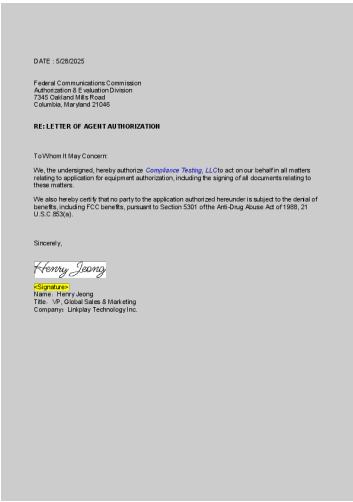
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[pdf] Label Agent Authorization

Microsoft Word FCC docx Administrator Agent letter Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

DATE : 5/28/2025 Federal Communications Commission Authorization Evaluation Division 7345 Oakland Mills Road Columbia, Maryland 21046 Authority to Act as Agent On our behalf, I appoint EST Technology Co., Ltd. Address:Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China to act as ou...
lang:en score:14 filesize: 123.31 K page_count: 1 document date: 2025-05-28



[pdf] Agent Authorization

Microsoft Word FCC for Compliance Testing LLC docx Administrator Agent letter Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

DATE : 5/28/2025 Federal Communications Commission Authorization Evaluation Division 7345 Oakland Mills Road Columbia, Maryland 21046 RE: LETTER OF AGENT AUTHORIZATION To Whom It May Concern: We, the undersigned, hereby authorize Compliance Testing, LLC to act on our behalf in all matters relating...
lang:en score:14 filesize: 103.26 K page_count: 1 document date: 2025-05-28



[pdf]

Microsoft Word Template FCC Covered Equipment Certification Attestation Letter docx Administrator equipment list attestation Linkplay Technology Inc SUB001 WiiM Sub Pro Smart Subwoofer 2BABF 2BABFSUB001 sub001

Covered Equipment Certification Attestation Letter Federal Communications Commission Authorization and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046 USA ATTN.: Reviewing Engineer FCC ID:2BABF-SUB001 Linkplay Technology Inc. the applicant certifies that the equipment for which au...
lang:en score:14 filesize: 104.25 K page_count: 1 document date: 2025-05-28

