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WiiM WiiM Sound Lite

WiiM Sound Lite Smart Speaker User Manual

Model: WiiM Sound Lite (SPK002)

1. Introduction

The WiiM Sound Lite is a high-fidelity smart speaker designed to deliver exceptional audio quality with versatile streaming capabilities. Featuring Hi-Res audio support, AI RoomFit calibration, and multi-room functionality, it integrates seamlessly into your home audio ecosystem. This manual provides essential information for setting up, operating, and maintaining your WiiM Sound Lite speaker.

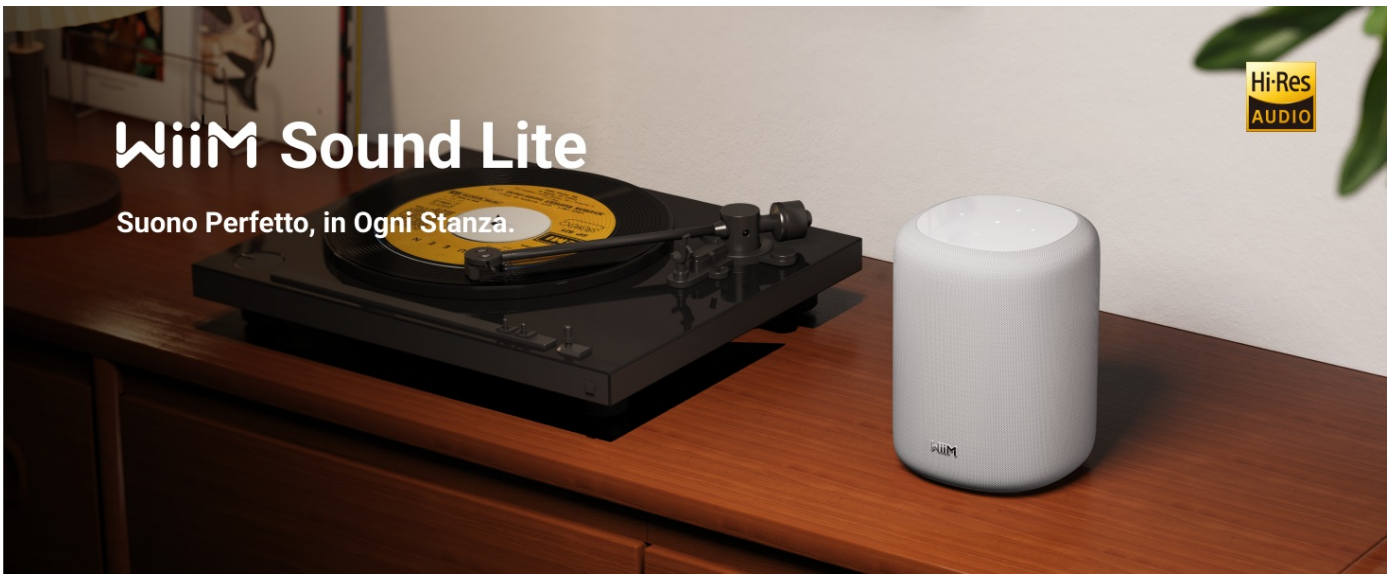


Image 1.1: The WiiM Sound Lite speaker in a home audio setup.

2. What's in the Box

Carefully unpack your WiiM Sound Lite and ensure all items are present:

- WiiM Sound Lite Smart Speaker
- Power Cable
- 3.5mm to RCA Cable
- Quick Start Guide

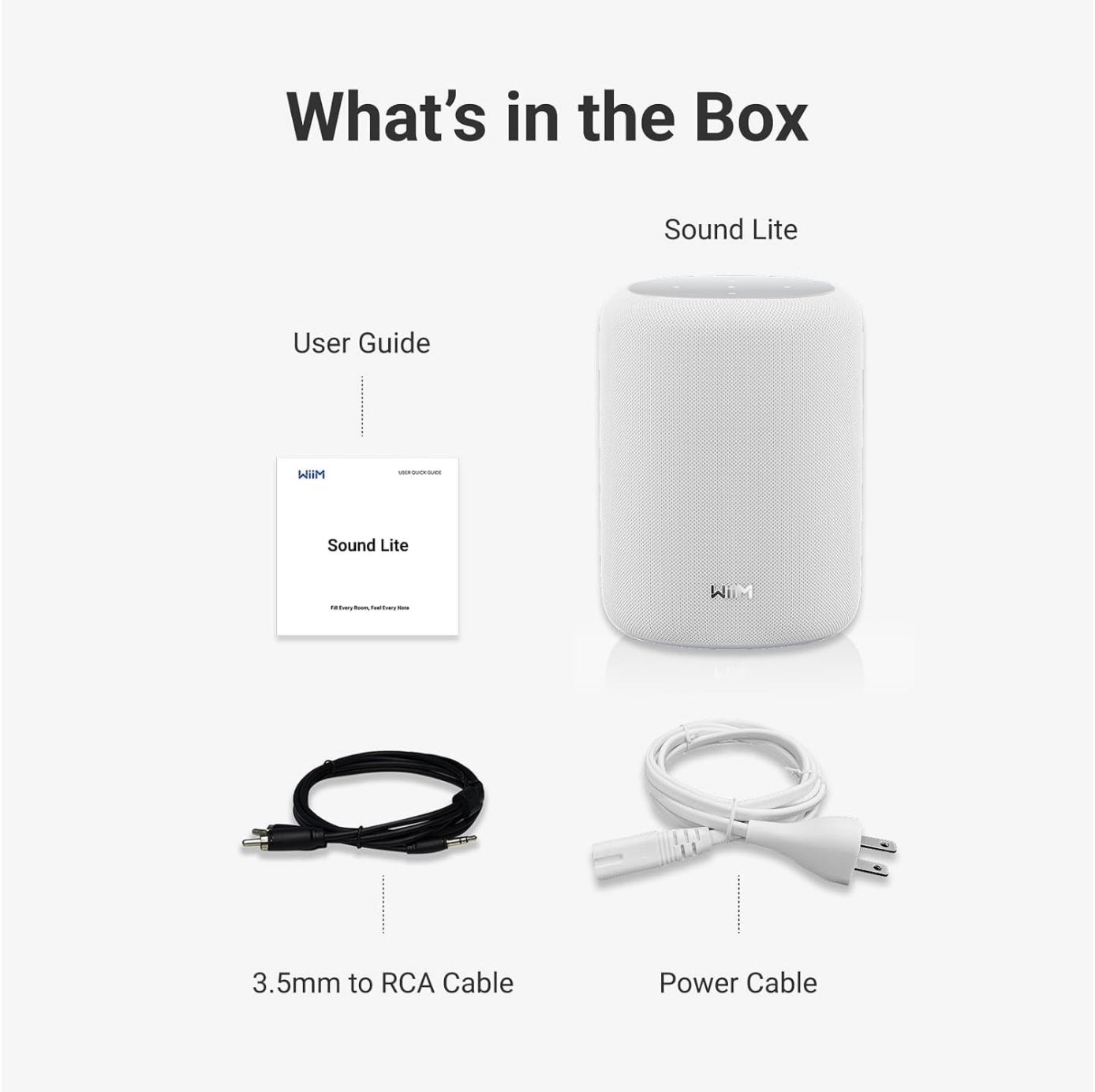


Image 2.1: All components included in the WiiM Sound Lite packaging.

3. Product Overview

The WiiM Sound Lite features a premium acoustic architecture designed for clear and immersive sound.

3.1 Acoustic Design

The speaker incorporates a 2-way acoustic design for balanced audio reproduction:

- **Woofer:** One 4-inch paper cone woofer for natural mid-range and deep bass.
- **Tweeters:** Two 1-inch silk dome tweeters for smooth, clear highs.



Image 3.1: Exploded view highlighting the internal speaker components.

3.2 Connectivity

The WiiM Sound Lite offers multiple connectivity options for versatile audio streaming:

- **Wi-Fi:** High-speed wireless connection for streaming.
- **Bluetooth:** Bluetooth 5.3 for direct device pairing.
- **Ethernet:** Wired network connection for stable streaming.
- **AUX-In:** 3.5mm auxiliary input for wired audio sources.



Image 3.2: Rear panel showing connectivity ports.

4. Setup

Follow these steps to set up your WiiM Sound Lite speaker:

4.1 Power Connection

1. Connect the power cable to the speaker's power input.
2. Plug the power cable into a wall outlet. The speaker will power on automatically.

4.2 App Installation and Network Connection

1. Download the **WiiM Home app** from your device's app store (iOS or Android).
2. Open the WiiM Home app and follow the on-screen instructions to connect your WiiM Sound Lite to your Wi-Fi network or connect an Ethernet cable for a wired connection.

4.3 AI RoomFit Calibration

For optimal sound performance, use the AI RoomFit technology:

1. Within the WiiM Home app, navigate to the speaker settings.
2. Select the AI RoomFit option and follow the prompts. The speaker will analyze your room's acoustics and adjust its sound profile accordingly. This process typically takes about 2 minutes.

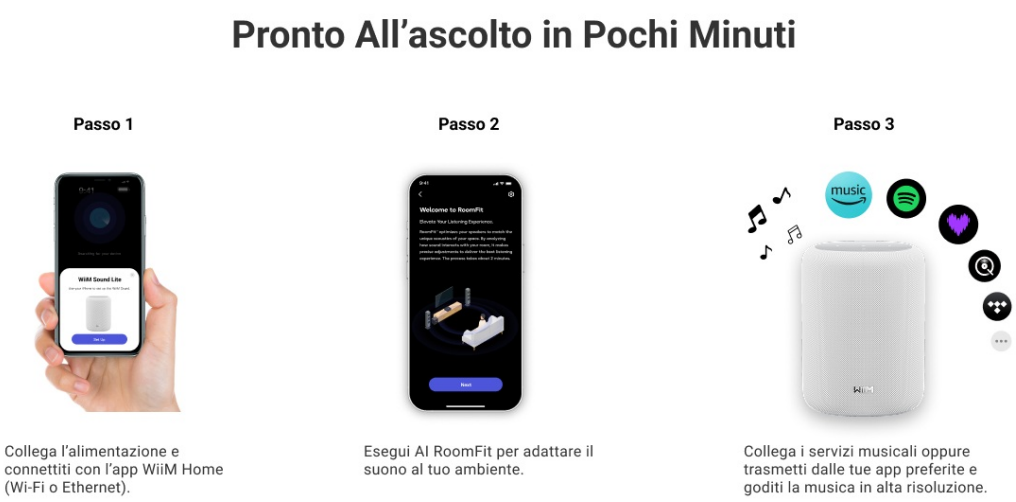


Image 4.1: Quick setup guide showing power connection, RoomFit, and music streaming.

5. Operating

5.1 Basic Controls

The WiiM Sound Lite features physical buttons on its top panel for basic playback control:

- **Play/Pause:** Press to play or pause audio.
- **Volume Up/Down:** Adjust the playback volume.
- **Next/Previous Track:** Skip to the next or previous song.

5.2 Using the WiiM Home App

The WiiM Home app is the central control hub for your speaker:

- **Music Streaming:** Access integrated music services like Spotify, TIDAL, Qobuz, Amazon Music, and more.
- **Device Management:** Control playback, adjust settings, and manage multiple WiiM devices.
- **Sound Customization:** Utilize the 10-band graphic or parametric EQ, or choose from 24 preset EQs to tailor your sound.

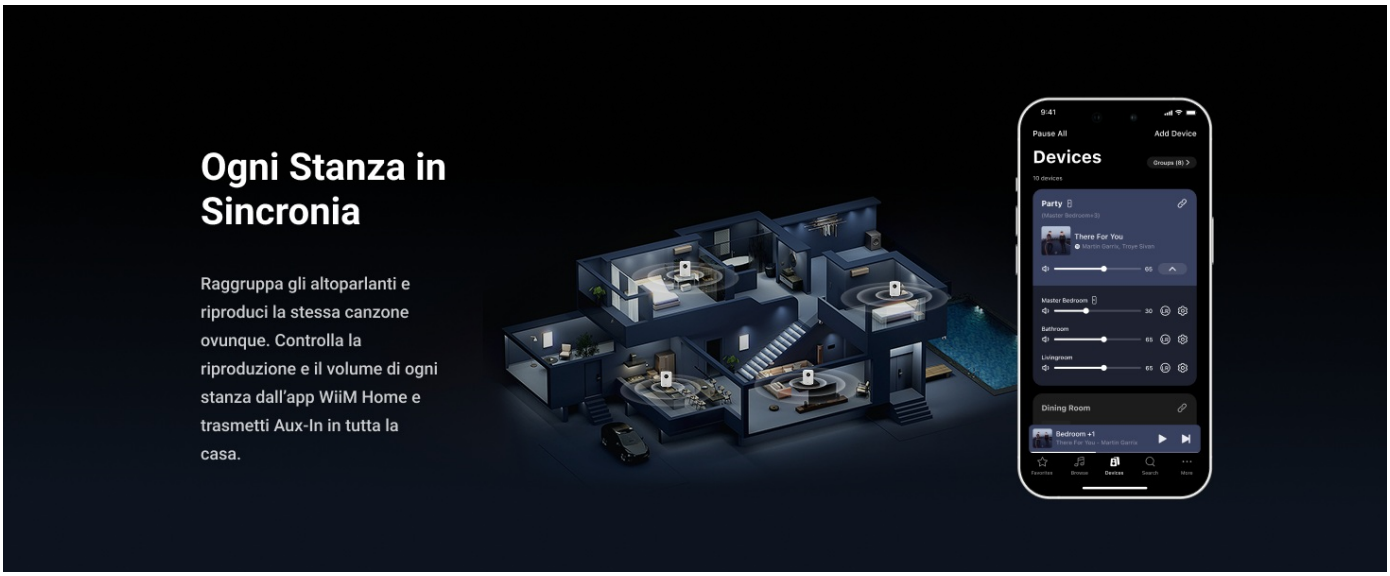


Image 5.1: WiiM Home app interface for sound customization.

5.3 Streaming Services and Protocols

The WiiM Sound Lite supports a wide range of streaming options:

- **Direct Streaming:** Google Cast, Spotify Connect, TIDAL Connect, Qobuz Connect, Alexa Cast.
- **Network Protocols:** DLNA, Roon/LMS.
- **Voice Control:** Compatible with Alexa and Google Assistant (requires a compatible voice assistant device).

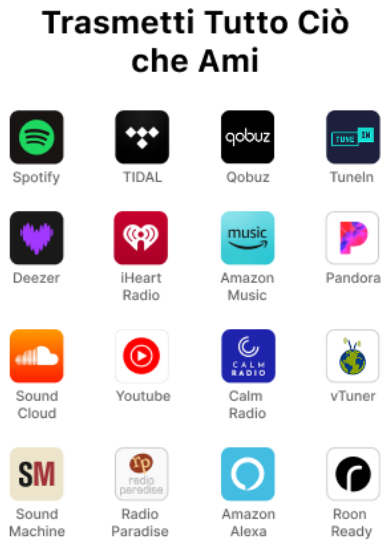


Image 5.2: Supported music streaming services.

5.4 Multi-Room Audio

Create a synchronized audio experience throughout your home:

- Group multiple WiiM speakers (including WiiM Sound Lite) using the WiiM Home app.
- Play the same music across all grouped speakers or different music in different rooms.
- Compatible with Google Cast and Alexa multi-room groups.



Image 5.3: Multi-room audio setup with WiiM speakers.

5.5 Stereo Pairing

Enhance your listening experience by pairing two WiiM Sound Lite speakers for true stereo sound:

- In the WiiM Home app, select two WiiM Sound Lite speakers.
- Choose the stereo pairing option to designate one as the left channel and the other as the right channel.



Image 5.4: Two WiiM Sound Lite speakers configured for stereo playback.

5.6 Home Theater Integration

Expand your audio system for an immersive home theater experience:

- Add a WiiM Sub Pro for deeper, more controlled bass.
- Combine with compatible WiiM components (e.g., WiiM Ultra/Amp) to use WiiM Sound Lite as a center or surround channel.

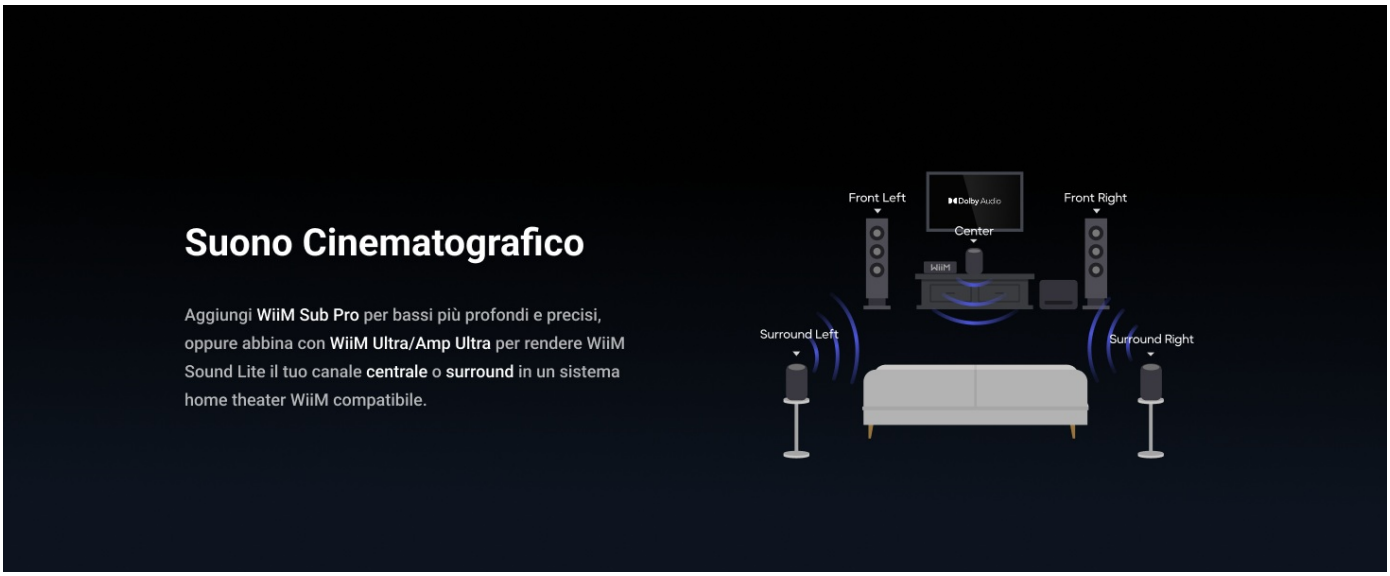


Image 5.5: Home theater speaker placement diagram.

6. Maintenance

To ensure the longevity and optimal performance of your WiiM Sound Lite speaker, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the speaker's exterior. Do not use abrasive cleaners, waxes, or solvents.
- **Placement:** Place the speaker on a stable, flat surface. Avoid direct sunlight, heat sources, and areas with high humidity or dust.
- **Ventilation:** Ensure adequate airflow around the speaker. Do not block any vents.
- **Power:** Disconnect the power cable during electrical storms or when unused for extended periods.

7. Troubleshooting

If you encounter issues with your WiiM Sound Lite, try the following solutions:

Problem	Possible Solution
No power	Ensure the power cable is securely connected to both the speaker and a working power outlet. Try a different outlet.
No sound	Check the volume level on the speaker and in the WiiM Home app. Ensure the correct input source is selected. Verify the audio source is playing.
Cannot connect to Wi-Fi	Ensure your Wi-Fi network is active and you have entered the correct password. Move the speaker closer to your Wi-Fi router. Restart your router and the speaker.
Bluetooth pairing issues	Ensure the speaker is in Bluetooth pairing mode. Disable and re-enable Bluetooth on your device. Forget the speaker from your device's Bluetooth list and try pairing again.
App not detecting speaker	Ensure your smartphone/tablet is connected to the same Wi-Fi network as the speaker. Restart the WiiM Home app and the speaker.
Sound distortion	Reduce the volume. Check if the audio source is of good quality. Ensure the speaker is not placed in an enclosed space that might cause resonance.

8. Specifications

Feature	Specification
Model Name	WiiM Sound Lite (SPK002)
Brand	WiiM
Max Output Power	100 Watts (Peak)
Frequency Response	50 Hz - 20 kHz
Connectivity	Wi-Fi, Bluetooth 5.3, Ethernet, 3.5mm AUX-In
Audio Output Mode	Stereo
Input Voltage	120 Volt
Material	Polycarbonate + Glass Fiber
Woofer Diameter	4 Inches
Tweeter Diameter	1 Inch (x2)
Control Method	WiiM Home App, Physical Buttons, Voice Control (via compatible devices)
Bluetooth Range	10 Meters (33 feet)
Audio Latency	50 Milliseconds
Dimensions (DxWxH)	14.7 x 14.7 x 19.4 cm (5.8 x 5.8 x 7.6 inches)
Weight	2.5 kg (5.5 lbs)
Signal-to-Noise Ratio (SNR)	80 dB
UPC	741365254638

9. Warranty and Support

9.1 Warranty Information

WiiM products typically come with a limited warranty. Please refer to the warranty card included with your purchase or visit the official WiiM website for detailed warranty terms and conditions specific to your region.

9.2 Customer Support

For further assistance, technical support, or inquiries, please visit the official WiiM support page on their website. You can usually find FAQs, troubleshooting guides, and contact information for customer service there.

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