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## iFi ZNAIRB

# iFi Zen Air Blue Instruction Manual

High Resolution Bluetooth Streamer

## INTRODUCTION

The iFi Zen Air Blue is a high-resolution Bluetooth streamer designed to integrate modern wireless audio streaming capabilities into any existing audio system. It enables seamless Bluetooth audio streaming from various devices such as smartphones, tablets, and computers, delivering high-quality sound through your stereo system or powered speakers. This manual provides comprehensive instructions for setting up, operating, and maintaining your Zen Air Blue to ensure optimal performance and longevity.

## PRODUCT OVERVIEW

The iFi Zen Air Blue features a sleek, compact design with intuitive controls and essential connectivity options. It is engineered with high-performance circuitry to deliver smooth, detailed, and dynamic sound, operating at the highest audio resolution available for Bluetooth streaming.

### Key Features:

- Enables Bluetooth audio streaming from smartphones, tablets, and more to any existing audio system (via line-in).
- High-performance circuitry delivers smooth, detailed, and dynamic sound.
- Operates at the highest audio resolution of any Bluetooth stream.
- Experience the high quality of music streaming apps like Apple Music, Tidal & Qobuz.
- State-of-the-art codec support: aptX Adaptive, aptX HD, aptX LL, LDAC, HWA/LHDC, AAC, and SBC.

### Product Components:



**Front View:** Shows the iFi Zen Air Blue unit from the front, highlighting its minimalist design with a central iFi logo and two circular indicators/buttons.



**Rear View:** Displays the back panel of the iFi Zen Air Blue, featuring RCA outputs (red and white) and a DC 5V power input.



**Product Contents:** An image showing the iFi Zen Air Blue unit, a USB to DC cable, and a Quick Start Guide, which are included in the package.

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Setting up your iFi Zen Air Blue is a straightforward process. Follow these steps to get your device connected and ready for streaming.

### 1. Unpacking and Placement:

- Carefully remove all components from the packaging.
- Place the Zen Air Blue on a stable, flat surface near your audio system. Ensure adequate ventilation around the unit.

### 2. Connecting to Your Audio System:

The Zen Air Blue connects to your audio system via RCA outputs.



#### Hear the difference

The ZEN Air Blue will give you the maximum sound quality from your device – your smartphone, computer or tablet – as it operates at the highest audio resolution level of any Bluetooth system.

The Bluetooth system inside has been upgraded by iFi to avoid the 40% drop in audio quality you typically experience with standard Bluetooth (compared to wired audio).

It's the ideal way to wirelessly connect your smart device to a sound system in super hi-res (high resolution).

**Connections Diagram:** Illustrates the RCA Output (Single-Ended) and DC 5V Power Input on the rear of the iFi Zen Air Blue.

1. Connect one end of an RCA cable (not included) to the "Outputs" (R and L) on the rear of the Zen Air Blue.
2. Connect the other end of the RCA cable to an available analog input (e.g., "AUX," "CD," "Line In") on your amplifier, receiver, or powered speakers. Match the red connector to the right channel (R) and the white connector to the left channel (L).

### 3. Power Connection:

The Zen Air Blue requires a DC 5V power supply.

1. Connect the included USB to DC cable to the "DC 5V" input on the rear of the Zen Air Blue.
2. Plug the USB-A end of the cable into a compatible USB power adapter (not included) or a USB port that provides 5V power.
3. Once powered, the unit will automatically turn on.

## OPERATING INSTRUCTIONS

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Once your iFi Zen Air Blue is set up, you can begin streaming audio wirelessly.

### 1. Bluetooth Pairing:

1. Ensure the Zen Air Blue is powered on. The front panel indicator will illuminate.
2. On your source device (smartphone, tablet, computer), navigate to the Bluetooth settings.
3. Look for "iFi Hi-Res Audio" or "ZEN Air Blue" in the list of available devices and select it to pair.
4. Once paired, the Bluetooth indicator on the Zen Air Blue's front panel will show a steady light, indicating a successful connection.

### 2. Audio Playback:

1. Open your preferred music streaming application (e.g., Apple Music, Tidal, Qobuz) on your paired device.

2. Select the audio you wish to play.
3. Ensure the output on your streaming app or device is directed to the Zen Air Blue (e.g., via AirPlay or Bluetooth output selection).
4. Adjust the volume using your source device or your amplifier/receiver.

### 3. Understanding the Front Panel Indicators:

- The left indicator shows the sampling rate (kHz) of the incoming audio.
- The right indicator shows the Bluetooth connection status and can also be used for input/pairing selection.

### Official Product Video:

Your browser does not support the video tag.

**ZEN Air Blue - Rotational:** This video provides a 360-degree view of the iFi Zen Air Blue, showcasing its design and various angles. It highlights the compact size and aesthetic of the device.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your iFi Zen Air Blue.

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the unit. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- **Ventilation:** Ensure the unit is placed in an area with good airflow to prevent overheating. Do not block the ventilation holes.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the unit with care. Avoid dropping it or subjecting it to strong impacts.

## TROUBLESHOOTING

If you encounter issues with your iFi Zen Air Blue, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power/Unit not turning on	Power cable not connected properly; Faulty power adapter.	Ensure the DC 5V power cable is securely connected to the unit and a working USB power adapter. Try a different USB power adapter if available.
No audio output	Incorrect RCA connections; Amplifier/receiver input not selected; Volume too low; Device not paired.	Verify RCA cables are correctly connected to both the Zen Air Blue and your audio system. Select the correct input on your amplifier/receiver. Increase volume on both the source device and amplifier. Ensure Bluetooth device is successfully paired.
Bluetooth pairing issues	Device too far; Interference; Zen Air Blue already paired to another device.	Move your source device closer to the Zen Air Blue. Ensure no other devices are actively connected to the Zen Air Blue. Turn off and on Bluetooth on your source device, then try pairing again.
Poor sound quality/Distortion	Weak Bluetooth signal; Source audio quality; Cable issues.	Ensure your source device is within optimal range of the Zen Air Blue. Check the quality of the audio file or streaming service. Inspect RCA cables for damage.

If the problem persists after trying these steps, please contact iFi support for further assistance.

## SPECIFICATIONS

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Detailed technical specifications for the iFi Zen Air Blue (Model: ZNAIRB).

- **Product Dimensions:** 6 x 4 x 1.4 inches (158 x 100 x 35 mm)
- **Item Weight:** 1.21 pounds (550 Grams)
- **Brand:** iFi
- **Model Number:** ZNAIRB
- **Connectivity Technology:** Bluetooth
- **Special Feature:** Hi Res Audio
- **Compatible Devices:** Smartphone, Speaker
- **Connector Type:** RCA
- **Audio Output Mode:** Stereo
- **Color:** Blue (referring to the "Blue" in the product name, the unit itself is white/grey)
- **Wattage:** 2.5 watts
- **Number of Channels:** 2
- **Power Supply Requirement:** DC 5V,  $\geq 0.5A$  (centre +ve)
- **Chipset:** Qualcomm QCC 5100 Series
- **Bluetooth Version:** 5.0™ with SBC, AAC, aptX, aptX HD, aptX Adaptive, aptX LL, LDAC, LHDC/HWA Codec
- **Output:** Audio RCA L/R
- **Frequency Response:** 20Hz - 20kHz  $\pm 0.5dB$  (44.1kHz), 1Hz - 44kHz  $\pm 1.0dB$  ( $\geq 88.2kHz$ )
- **Output Voltage @ 0dBFS:** 2.05V ( $\pm 0.05V$ )
- **DNR:** 109dB (A)
- **SNR:** 109dB (A) @ 0dBFS
- **THD & N:**  $< 0.0015\%$  10k Load @ 0dBFS
- **Output Impedance:**  $< 50\Omega$
- **Power Consumption:**  $< 2.5W$
- **Warranty Period:** 12 months

# Connections



**Detailed Specifications:** A visual representation of the technical specifications for the iFi Zen Air Blue, including power, input, output, and audio performance metrics.

## WARRANTY AND SUPPORT

The iFi Zen Air Blue comes with a 12-month warranty from the date of purchase, covering manufacturing defects. For warranty claims or technical support, please visit the official iFi Audio website or contact their customer service department.

For additional resources and FAQs, you may visit the [iFi Audio Store on Amazon](#).