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## Linsoul Kiwi Ears Allegro Mini

# Linsoul Kiwi Ears Allegro Mini Portable IEM DAC User Manual

Model: Kiwi Ears Allegro Mini

## INTRODUCTION

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The Linsoul Kiwi Ears Allegro Mini is a compact and portable Digital-to-Analog Converter (DAC) and amplifier designed to elevate your audio experience. It provides high-fidelity sound for your in-ear monitors (IEMs) and headphones, connecting seamlessly to various devices via USB-C. This manual will guide you through the setup, operation, and maintenance of your Allegro Mini to ensure optimal performance.



Image: The Kiwi Ears Allegro Mini, a compact silver DAC with a USB-C connector and audio output ports.

## WHAT'S IN THE BOX

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- Kiwi Ears Allegro Mini Portable IEM DAC
- User Manual

## SETUP

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1. **Connect to Device:** Insert the USB-C connector of the Allegro Mini into the USB-C port of your smartphone, tablet, or computer. Ensure a secure connection.
2. **Connect Headphones/IEMs:** Plug your 3.5mm single-ended or 4.4mm balanced headphones/IEMs into the corresponding output port on the Allegro Mini.
3. **Automatic Recognition:** Most modern Android devices (version 5.1 and above), PCs, and other compatible devices will automatically recognize the Allegro Mini as an external audio output device. No additional drivers are typically required for basic functionality.
4. **Volume Adjustment:** Adjust the volume using your connected device's volume controls.

# USB Type-C Interface

Seamlessly connects to mainstream devices like phones, tablets, and laptops



Note: This DAC connects securely with phone cases UNDER 1mm thick. It also pairs stably with thicker cases if the case's charging port cutout is large enough to accommodate the plug (no blockage).

Image: The Allegro Mini connected to a smartphone via its USB-C port, with an IEM cable plugged into the 3.5mm output.

## OPERATING INSTRUCTIONS

- **Plug and Play:** The Allegro Mini is designed for immediate use. Simply connect it to your source device and audio output.
- **Audio Playback:** Begin playing audio from your device. Sound will be routed through the Allegro Mini to your connected headphones or IEMs.
- **Volume Control:** Use the volume buttons on your connected smartphone, tablet, or computer to adjust the playback volume.
- **Output Options:** The Allegro Mini features both 3.5mm single-ended and 4.4mm balanced output ports. Choose the appropriate port for your headphones or IEMs. The 4.4mm balanced output may offer improved sound quality and power for compatible headphones.



Image: The Allegro Mini connected to a smartphone, demonstrating its plug-and-play functionality for audio playback.

## FEATURES

- **Compact and Portable Design:** Inspired by the original Allegro, the Mini version offers high-fidelity sound in a smaller, all-aluminum alloy body for enhanced durability and a minimalist aesthetic.
- **Flexible Output Options:** Equipped with both 4.4mm balanced and 3.5mm single-ended outputs to accommodate a wide range of headphones and IEMs.
- **High-Resolution Audio Performance:** Supports PCM up to 32bit/384kHz and DSD up to DSD128, ensuring detailed and clear audio reproduction.
- **Universal Compatibility:** Features a USB Type-C interface for seamless plug-and-play connection with most modern Android devices (version 5.1 and above), as well as PCs and other compatible devices.
- **Superior Audio Clarity:** Achieves an ultra-low THD+N of 0.004% at 32 Ohms, providing pure, undistorted sound with a wide frequency response and excellent signal-to-noise ratio.



# Allegro Mini

Portable IEM DAC Dongle



DSD up to DSD128



PCM up to 32bit/384kHz



Superior Sound Clarity



3.5mm SE + 4.4mm BA Port



USB Type-C interface



Minimalist Body Design

Image: The Allegro Mini highlighting its 3.5mm single-ended and 4.4mm balanced output options.

## SPECIFICATIONS

Attribute	Value
Brand	Linsoul
Model Name	Kiwi Ears Allegro Mini
Color	Silver
Connectivity Technology	Wired (USB Type-C input)
Output Ports	3.5mm Single-Ended, 4.4mm Balanced
PCM Support	Up to 32bit/384kHz
DSD Support	Up to DSD128
THD+N	0.004% (at 32 Ohms)

Form Factor	Mini Portable
Manufacturer	Linsoul

## Headphone DAC Dongle Dimensions



Image: A diagram illustrating the compact dimensions of the Kiwi Ears Allegro Mini.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the Allegro Mini. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handle with Care:** While durable, avoid dropping the device or subjecting it to strong impacts.
- **Port Protection:** When not in use, consider using dust caps for the USB-C and audio ports to prevent dust and debris accumulation.

## TROUBLESHOOTING

### No Sound Output:

- Ensure the Allegro Mini is securely connected to both your source device and headphones/IEMs.
- Check your device's volume settings and ensure it is not muted.
- Verify that your source device recognizes the Allegro Mini as the active audio output. This can usually be checked in your device's sound settings.
- Test with different headphones/IEMs to rule out an issue with your audio output device.

### Low Volume or Distorted Sound:

- Increase the volume on your source device.
- Ensure your headphones/IEMs are fully plugged into the Allegro Mini. A partial connection can cause distortion or sound only in one channel.
- If using a phone case, ensure it does not obstruct the USB-C connection, as this can prevent a full connection.
- For optimal performance, especially with demanding headphones, use the 4.4mm balanced output if your headphones support it.

#### **Device Not Recognized:**

- Disconnect and reconnect the Allegro Mini.
- Try connecting to a different USB-C port or a different compatible device to isolate the issue.
- Ensure your device's operating system is up to date.

## **OFFICIAL PRODUCT VIDEOS**

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### **Linsoul Kiwi Ears Allegro Mini Portable IEM DAC Overview**

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Video: An official overview of the Linsoul Kiwi Ears Allegro Mini Portable IEM DAC, showcasing its features and design.

### **Linsoul Kiwi Ears In-Ear Monitor Manufacturing Process**

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Video: A detailed look into the manufacturing process of Linsoul Kiwi Ears in-ear monitors, demonstrating the craftsmanship and quality control.

## **WARRANTY AND SUPPORT**

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The Linsoul Kiwi Ears Allegro Mini comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For technical support, warranty claims, or any questions regarding your product, please contact Linsoul Audio customer service through their official website or the retailer where you purchased the product.

Please retain your proof of purchase for warranty validation.

You can visit the Linsoul Store for more information: [Linsoul Official Store](#)