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› Riworal 4-Channel Headphone Amplifier Instruction Manual (Model: Headphone Amplifier)

Riworal Headphone Amplifier

Riworal 4-Channel Headphone Amplifier Instruction Manual

Model: Headphone Amplifier

INTRODUCTION

Thank you for choosing the Riworal 4-Channel Headphone Amplifier. This ultra-compact stereo headphone amplifier is designed to distribute a single audio source to up to eight headphones or speakers, each with independent volume control. It is ideal for studio monitoring, live stage applications, podcasting, gaming, and other audio production needs. This manual provides essential information for setting up, operating, and maintaining your device.

PACKAGE CONTENTS

Please ensure all items are present in the box:

- 1 x Riworal 4-Channel Headphone Amplifier
- 1 x 5V Power Plug
- 1 x USB to Type-C Charge Cable
- 1 x User Manual

PRODUCT SIZE



PRODUCT LIST:



1X Headphone Amplifier



1X Instructions



1X Power supply



1X Power cable

Image: Contents of the Riworl 4-Channel Headphone Amplifier package.

SETUP

1. Power Connection

Connect the provided 5V power plug to the Type-C USB port on the amplifier and then to a power outlet. The device requires a stable 5V power supply for optimal performance.

TYPE-C USB INTERFACE POWER SUPPLY

The mixer uses a USB A to C adapter cable for power supply



Image: Connecting the Type-C USB power supply to the amplifier.

2. Audio Input

Connect your audio source (e.g., mixer, mobile phone, computer, musical instrument) to the amplifier's input jack. The amplifier supports both 3.5mm (1/8") and 6.35mm (1/4") TRS audio input jacks. This allows for simultaneous input from two audio devices, which can then be mixed and outputted.

4 CHANNEL HEADPHONE AMPLIFIER

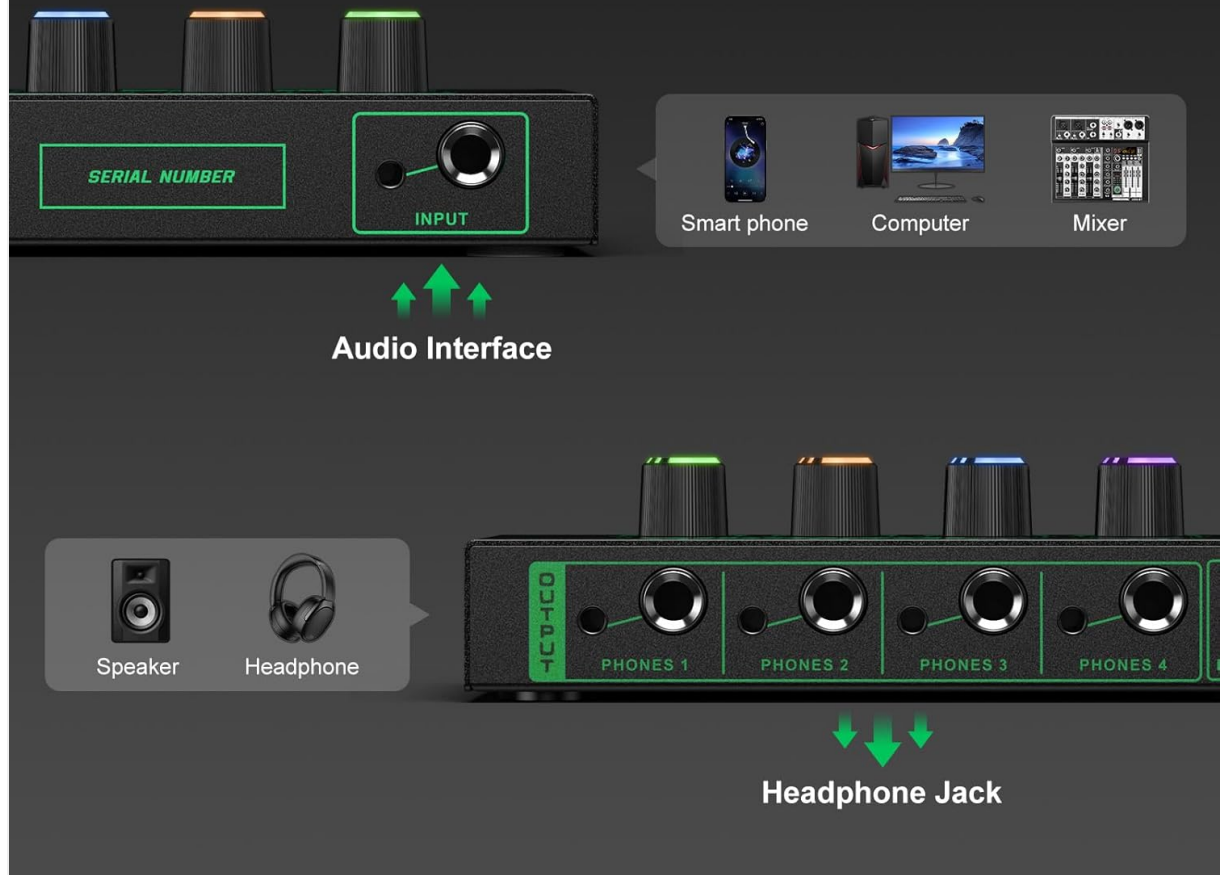


Image: Audio input connections for the Riworl 4-Channel Headphone Amplifier.

3. Audio Output

Connect your headphones or speakers to the output ports. Each of the four channels features dual 3.5mm (1/8") and 6.35mm (1/4") TRS audio output jacks, allowing up to eight audio outputs simultaneously.

UNIVERSAL 1/4" & 1/8"

INPUT AND OUTPUT

No converter adapter required



Image: Universal input and output options on the amplifier.

OPERATING INSTRUCTIONS

1. Power On/Off

Once the power supply is connected, the amplifier will power on. There is no dedicated power switch; the unit powers on when connected to power.

2. Adjusting Volume

Each of the four output channels has an independent rotary volume knob. Turn the knob clockwise to increase the volume and counter-clockwise to decrease it. The knobs feature RGB illumination, providing visual feedback.

INDEPENDENT VOLUME CONTROLS

Features independent channel rotary volume knob control for each listener's convenience



RGB ILLUMINATION



Image: Independent volume controls with RGB illumination.

3. Monitoring Audio

The amplifier is designed to provide minimal distortion and ultra-low noise, ensuring excellent sound quality even at high volumes. Adjust each channel's volume to suit individual listener preferences without affecting other outputs.

EXCELLENT SOUND QUALITY

Low Noise

High Gain

Good Sound



Image: Features contributing to excellent sound quality.

4. Operational Video

For a visual guide on connecting and operating the amplifier, please watch the official operation video below.

Video: Official operation guide for the Riworl 4-Channel Headphone Amplifier, demonstrating connections and controls.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the amplifier. Avoid using liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the amplifier with care to prevent damage to the knobs, jacks, or casing.

TROUBLESHOOTING

- **No Sound/Low Volume:**
 - Ensure the power supply is securely connected and the unit is powered on.
 - Check all audio cables for proper connection to both the input source and output devices.
 - Verify that the volume knobs for the individual channels and the input source are turned up.

- **Static/Hissing/Thumping Noise:**

- A common cause for static or thumping can be an incompatible or low-quality power supply. If experiencing these issues, try using a different 5V 3A (or higher amperage) USB power adapter.
- Ensure all connections are firm and free from interference.
- Reduce the volume levels on both the input source and the amplifier to see if the noise diminishes.

- **Distorted Audio:**

- Lower the volume on both the input source and the individual output channels. Excessive volume can lead to distortion.
- Ensure the input signal is not too strong for the amplifier.

SPECIFICATIONS

Product Dimensions	2.56 x 0.59 x 5.51 inches
Item Weight	14.1 ounces
Model Number	Headphone Amplifier
Manufacturer	Riworal
Color	Black/Green
Compatible Devices	Cellphones, Laptop, Music Production Equipment, Tablet
Specific Uses	Gaming, Music, Sound reinforcement, Podcasting, Stage performance, Studio or personal recording
Connector Type	Auxiliary, 3.5mm, 6.35mm TRS



Image: Detailed product parameters and features.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Riworal website. Keep your purchase receipt as proof of purchase.