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› Riworal 4 Channel Audio Mixer USB Interface Instruction Manual

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Model: 4 Channel Audio Mixer

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Riworal 4 Channel Audio Mixer. This device is designed for various audio applications, including recording, live streaming, podcasting, and small performances, offering versatile input options, Bluetooth connectivity, and built-in effects.



Figure 1.1: Riworl 4 Channel Audio Mixer Overview

This image displays the Riworl 4 Channel Audio Mixer from an angled perspective, showcasing its compact design and control layout.

2. PRODUCT FEATURES

The Riworl 4 Channel Audio Mixer incorporates several features to enhance your audio experience:

- **4 Channel Input:** Two XLR/1/4" combo inputs with INSERT and LINE options for microphones or instruments, plus a 1/4" Jack (6.35mm) mono/stereo input for channels 3/4.
- **Bluetooth Wireless Connection:** Stream audio wirelessly from compatible devices like smartphones, tablets, and computers.
- **Independent Channel Adjustment:** Each channel features 3-band EQ (High, Mid, Low) and gain controls for precise audio shaping.
- **Digital Reverb Effect:** Built-in reverb for vocal enhancement and creative sound design.
- **USB Stick Music Player:** Play MP3 audio files directly from a USB flash drive.

- **+48V Phantom Power:** Provides power for condenser microphones, improving frequency response and sound quality.
- **USB Audio Interface:** Connects to a computer for recording and editing audio.

Introduction To Audio Mixers Panel

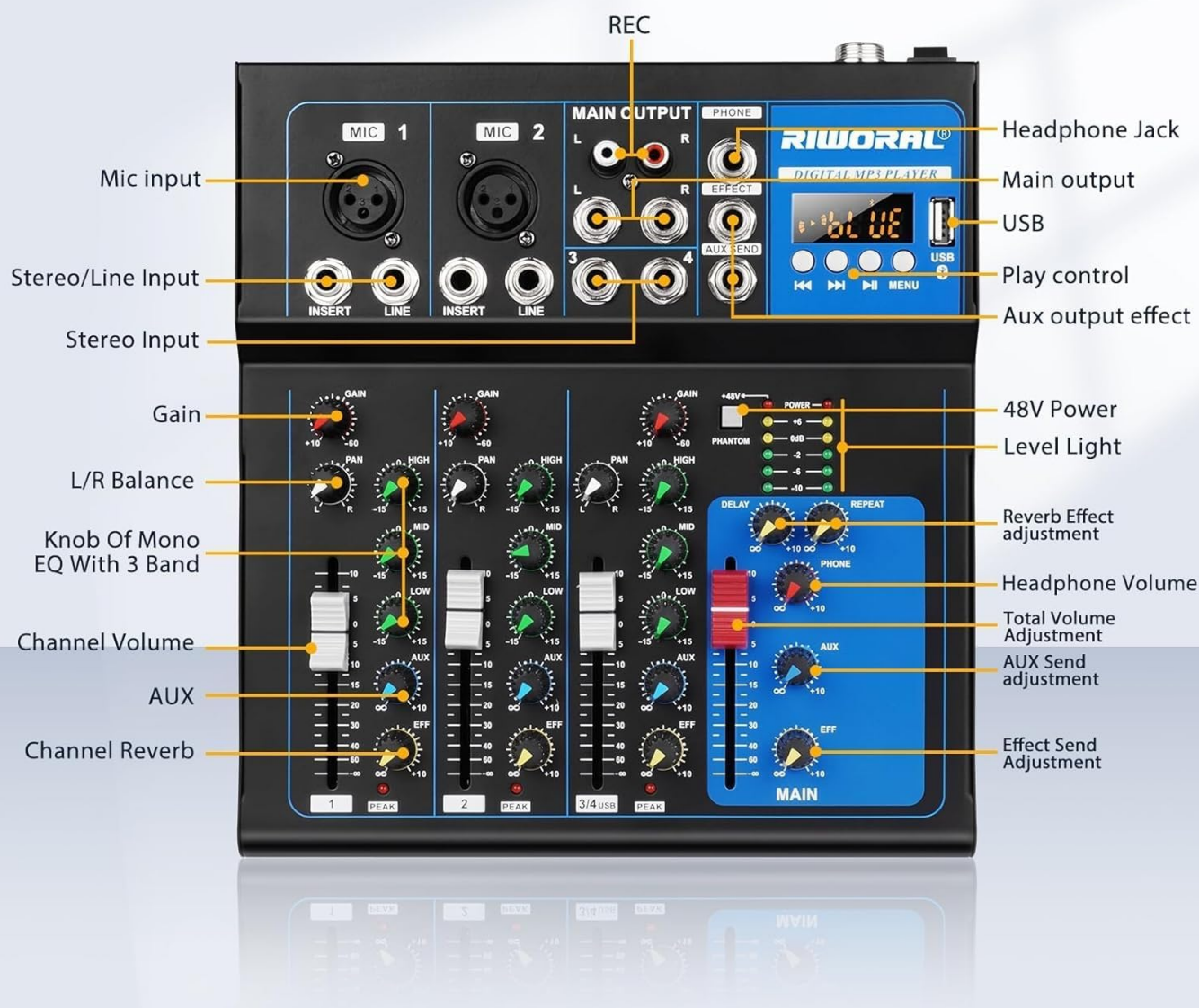


Figure 2.1: Audio Mixer Panel Layout

This image provides a detailed view of the mixer's control panel, labeling key components such as mic inputs, main outputs, headphone jack, USB port, play controls, 48V power, level lights, reverb effect adjustment, and various channel controls including gain, L/R balance, 3-band EQ, channel volume, and channel reverb.

3. SETUP GUIDE

3.1 Unpacking

Carefully unpack the contents of the box. Ensure all items are present and undamaged.

- Riworl 4 Channel Audio Mixer Unit
- Power Supply Adapter



Figure 3.1: Package Contents and Mixer Dimensions

This image shows the mixer's dimensions (8.66in x 9.45in x 1.45in) and illustrates the typical contents of the package: the mixer unit, a power supply, and the instruction manual.

3.2 Power Connection

1. Connect the provided power supply adapter to the 'AC IN' port on the rear panel of the mixer.
2. Plug the power adapter into a standard 110V AC electrical outlet.
3. Ensure the power switch on the mixer is in the 'OFF' position before connecting to power.

3.3 Input Connections

The mixer offers various input options for different audio sources:

- **Microphones/Instruments (Channels 1 & 2):** Use XLR cables for microphones or 1/4" (6.35mm) TS/TRS cables for instruments (e.g., guitar, keyboard) into the 'MIC' or 'LINE' inputs. The 'INSERT' jack allows for external effects processing

on individual channels.

- **Stereo/Line Inputs (Channels 3 & 4):** Use 1/4" (6.35mm) TS/TRS cables for stereo line-level devices.
- **USB Audio Input:** Connect a USB cable from your computer to the mixer's USB port for digital audio input.



Figure 3.2: Audio Connection Examples

This image illustrates various audio connection possibilities, including microphones and musical instruments connected to the mixer, and the mixer connected to a power amplifier/peripherals and a headset or speaker. It highlights the use of XLR, 6.35mm, and 3.5mm connectors.

3.4 Output Connections

Connect your monitoring or recording devices to the mixer's outputs:

- **Main Output (L/R):** Use RCA or 1/4" (6.35mm) cables to connect to powered speakers, an amplifier, or a recording device.
- **Headphone Output:** Connect headphones to the 'PHONE' jack for monitoring.
- **AUX/EFFECT Output:** Use 1/4" (6.35mm) cables for sending audio to external effects processors or monitors.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

1. **Power On:** After all connections are made, switch the power button to 'ON'.
2. **Adjust Gain:** Use the 'GAIN' knob for each channel to set the input level. Adjust until the 'PEAK' LED flashes only occasionally.
3. **Equalization (EQ):** Use the 'HIGH', 'MID', and 'LOW' knobs to adjust the tonal characteristics of each channel.
4. **Channel Volume:** Use the channel faders to set the individual volume levels.
5. **Main Volume:** Adjust the 'MAIN' fader to control the overall output volume.



Figure 4.1: 3-Band Equalizer Controls

This image highlights the 'HIGH', 'MID', and 'LOW' equalization knobs for individual channels, demonstrating their range of adjustment for frequency shaping.

4.2 Phantom Power (+48V)

If you are using a condenser microphone, it requires +48V phantom power. To activate:

1. Connect the condenser microphone to an XLR input.
2. Press the '+48V PHANTOM' switch. The indicator light will illuminate.
3. Ensure dynamic microphones or other devices that do not require phantom power are not connected to inputs with phantom power enabled, as this could cause damage.

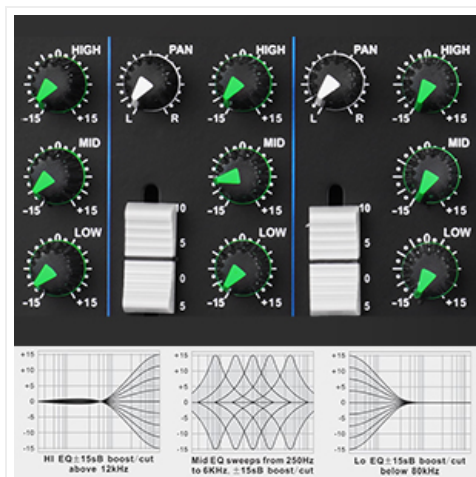


Figure 4.2: Phantom Power Activation

This close-up image shows the '+48V PHANTOM' switch and its indicator light, demonstrating how to activate phantom power for

condenser microphones.

4.3 Bluetooth Connectivity

To stream audio wirelessly:

1. Press the 'MODE' button on the digital MP3 player section until 'BLUE' appears on the display.
2. On your device (smartphone, tablet, computer), search for Bluetooth devices and select 'Riworal Mixer'.
3. Once paired, you can stream audio to the mixer. Use the built-in controls (Play/Pause/Skip) on the mixer or your device.



Figure 4.3: Bluetooth Pairing

This image illustrates the process of connecting a smartphone to the mixer via Bluetooth, showing the 'BLUE' indicator on the mixer's display and a phone displaying a Bluetooth connection icon.

4.4 USB Playback

To play MP3 files from a USB stick:

1. Insert a USB flash drive containing MP3 audio files into the USB port on the mixer.
2. The mixer will automatically detect the USB drive and begin playback, or you may need to select 'USB' mode using the 'MODE' button.
3. Use the play controls (Play/Pause/Skip) on the mixer to navigate your music.



Figure 4.4: USB Playback

This image shows a USB flash drive being inserted into the mixer's USB port, indicating its function as a music player.

4.5 Effects (Reverb/Delay)

The mixer includes a built-in digital reverb effect:

1. Use the 'EFF' (Effect) knob on each channel to send a portion of that channel's signal to the effects processor.
2. Adjust the 'DELAY' and 'REPEAT' knobs in the main effects section to fine-tune the reverb characteristics.
3. The 'AUX' and 'EFF' knobs in the main section control the overall effect send and return levels.



Figure 4.5: Digital Effect Controls

This image highlights the 'DELAY', 'REPEAT', 'PHONE', 'AUX', 'EFF', and 'MAIN' knobs, illustrating the controls for adjusting the built-in digital effects and overall output.

4.6 Computer Connection

To use the mixer as a USB audio interface for recording or streaming:

1. Connect the mixer to your computer using a USB cable.
2. Your computer should recognize the mixer as an audio input/output device.
3. Select the mixer as your audio input device in your recording software (DAW) or streaming application.



PC live broadcast



Karaoke singing



Personal recording



Mini Show



Wedding party



DJ Mixing

Figure 4.6: Computer Connection

This image shows the mixer connected to a laptop via USB, demonstrating its use as an audio interface for recording and editing with

5. MAINTENANCE

5.1 Cleaning

To maintain the mixer's appearance and functionality:

- Disconnect the power before cleaning.
- Use a soft, dry cloth to wipe the exterior.
- For stubborn dirt, use a slightly damp cloth with mild soap, then wipe dry immediately.
- Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish.

5.2 Storage

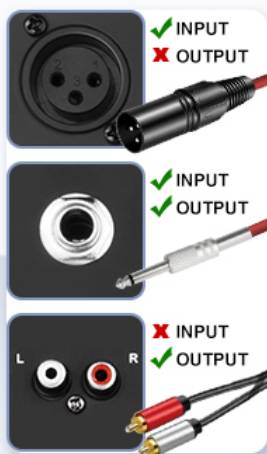
When not in use for extended periods:

- Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- Protect it from dust by covering it or storing it in its original packaging.

6. TROUBLESHOOTING

If you encounter issues with your Riworal Audio Mixer, refer to the following common problems and solutions:

- **No Sound Output:**
 - Check all cable connections (inputs, outputs, power).
 - Ensure all channel faders and the main fader are raised.
 - Verify that the input source is active and sending a signal.
 - Check if the correct input mode (e.g., USB, Bluetooth) is selected.
- **Distorted Audio:**
 - Reduce the 'GAIN' knob for the affected channel to prevent clipping (indicated by the 'PEAK' LED).
 - Lower the input level from the source device.
 - Check for damaged cables.
- **Bluetooth Connection Issues:**
 - Ensure the mixer is in Bluetooth mode ('BLUE' displayed).
 - Make sure your device's Bluetooth is enabled and within range.
 - Forget the device on your phone/computer and try pairing again.
- **Condenser Microphone Not Working:**
 - Ensure the '+48V PHANTOM' switch is engaged.
 - Check the XLR cable connection.



4 Channel

INPUT & OUTPUT

Mic Input	2 x Mono XLR Input	1 AUX Output	1 x 6.35mm Jack Output
Line Input	2 x 6.35mm Jack Input	Effect output	1 x 6.35mm Jack Output
Insert Input	2x6.35mm Jack Input	Main Outputs	1x RCA L/R Stereo Output
Stereo Input	1x 6.35mm L/R Stereo Input	Main Outputs	1x 6.35mm L/R Output
Headphone Monitoring Input	1 x 6.35mm Jack Input		
USB/Bluetooth	1x USB input, 1x bluetooth input		

Figure 6.1: General Problem Solving Flow

This diagram outlines a general process for resolving product issues, including checking for damage upon receipt, contacting support for questions, watching instructional videos, and contacting support if the product cannot be used.

7. SPECIFICATIONS

Item Weight	4.4 pounds
Package Dimensions	12.6 x 10.71 x 3.15 inches
Item Model Number	4 Channel Audio Mixer
Power Source	Corded Electric
Voltage	110 Volts (AC)
Brand	Riworl
Number of Channels	4
Connectivity Technology	Bluetooth, USB
Output Connector Type	Auxiliary

8. WARRANTY AND SUPPORT

Your Riworl 4 Channel Audio Mixer comes with a standard warranty. For specific warranty details, please refer to the documentation included with your purchase or contact Riworl customer support.

If you encounter any problems or have questions regarding the use of your product, please do not hesitate to contact our professional support team. We are committed to providing excellent service and assistance.

Contact information can typically be found on the product packaging or the official Riworl website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question