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## Universal Audio VOLT4

# Universal Audio Volt 4 USB Recording Studio Audio Interface

Model: VOLT4 - User Manual

## INTRODUCTION

The Universal Audio Volt 4 is a high-quality 4-in / 4-out USB audio interface designed for recording, podcasting, and streaming. It features professional-grade converters and built-in analog tone shaping, including classic UA 610 preamps. This manual provides essential information for setting up, operating, and maintaining your Volt 4 interface.

## PACKAGE CONTENTS

Upon unboxing your Universal Audio Volt 4, please ensure all components are present:

- Universal Audio Volt 4 Audio Interface
- USB-C to USB-A Cable
- 5V DC Power Adapter (if included with your model)
- Quick Start Guide / Registration Card

Please note that software bundles are typically accessed via online registration after device setup.

## HARDWARE OVERVIEW

### Front Panel

The front panel of the Volt 4 provides access to primary input connections and monitoring controls.



Figure 1: Front view of the Universal Audio Volt 4, showing two combo XLR/TRS inputs, gain knobs, Vintage and Instrument buttons, 48V

phantom power buttons, monitor controls, and a headphone output.

- **INPUT 1 & 2 (Combo Jacks):** Connect microphones (XLR) or instruments/line-level sources (1/4" TRS).
- **GAIN Knobs:** Adjust the input level for each channel.
- **VINTAGE Button:** Engages the built-in 610 tube preamp emulation for classic analog tone.
- **INST Button:** Optimizes the input for direct connection of instruments like guitars or basses.
- **48V Button:** Activates +48V phantom power for condenser microphones.
- **MONITOR Section:**
  - **HOST Button:** Enables direct monitoring of inputs through the interface, bypassing computer latency.
  - **MONO Button:** Sums the stereo monitor output to mono.
  - **OUT 1-2 / OUT 3-4 Buttons:** Selects which output pair is routed to the headphone output.
  - **MONITOR Knob:** Controls the overall volume of the main monitor outputs.
- **HP (Headphone) Jack & Knob:** Connect headphones and adjust their volume.

## Back Panel

The rear panel houses power, data, MIDI, and additional audio connections.



Figure 2: Back view of the Universal Audio Volt 4, showing the power switch, 5VDC input, USB-C port, MIDI In/Out, Monitor Outputs, and Line Inputs/Outputs.

- **POWER Switch:** Turns the unit on or off.
- **5VDC Input:** Connect the included 5V DC power adapter for bus-powered operation or when additional power is required.
- **USB-C Port:** Connects the Volt 4 to your computer for data and bus power.
- **MIDI IN / OUT:** Standard 5-pin DIN connectors for connecting MIDI devices.
- **MONITOR OUTPUTS (1/L, 2/R):** Connect to your studio monitors.
- **LINE OUTPUTS (3, 4):** Additional line-level outputs for routing audio to external gear.
- **LINE INPUTS (3, 4):** Additional line-level inputs for connecting external audio sources.

## SETUP GUIDE

Follow these steps to set up your Universal Audio Volt 4 interface:

1. **Connect to Computer:** Use the provided USB-C to USB-A cable to connect the Volt 4 to an available USB port on your computer. If your computer has a USB-C port, you may use a USB-C to USB-C cable (not included).
2. **Power On:** The Volt 4 is bus-powered via USB. For optimal performance or with certain devices, connect the included 5V DC power adapter to the 5VDC input on the rear panel. Flip the POWER switch to the ON position.
3. **Software Installation:**

Upon connecting the Volt 4, your computer should recognize the device. For full functionality and access to included

software, visit the Universal Audio website or scan the QR code provided in your quick start guide to download the necessary drivers and Universal Audio Connect application. Follow the on-screen instructions for installation and registration.

4. **Connect Monitors/Headphones:** Connect your studio monitors to the MONITOR OUTPUTS (1/L, 2/R) on the rear panel. Connect your headphones to the HP jack on the front panel.
5. **Connect Inputs:** Connect your microphones to INPUT 1 or 2 (XLR) and instruments to INPUT 1 or 2 (1/4" TRS) on the front panel. Use LINE INPUTS 3 and 4 on the rear for additional line-level sources.

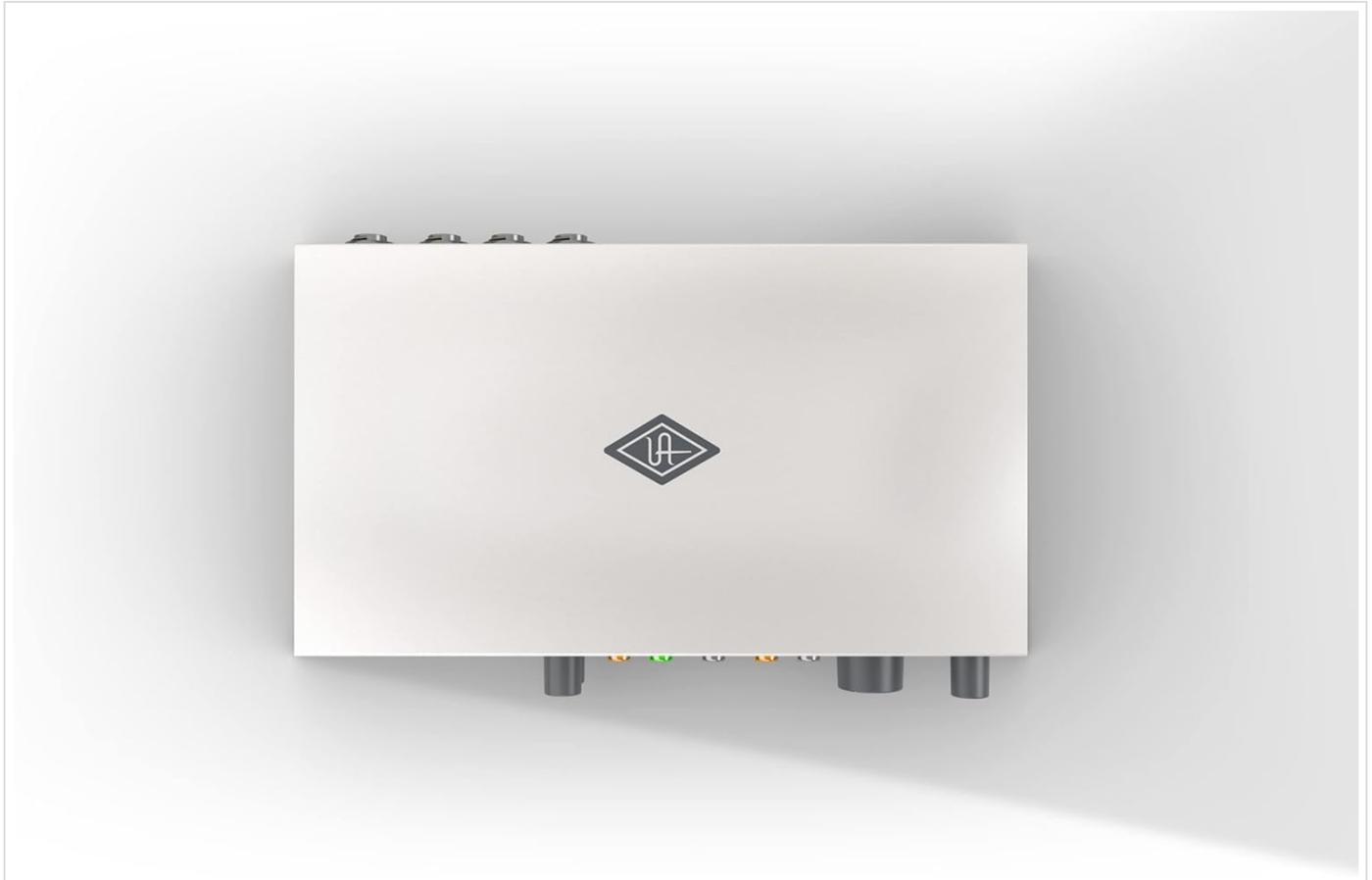


Figure 3: The Volt 4 connected to a guitar and a tablet, demonstrating a typical recording setup.

## OPERATION

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### Recording with Volt 4

Once your Volt 4 is set up and drivers are installed, you can begin recording:

1. **Open Your DAW:** Launch your preferred Digital Audio Workstation (DAW) software (e.g., Ableton Live Lite, included with registration).
2. **Select Volt 4 as Audio Device:** In your DAW's audio settings, select "Universal Audio Volt 4" as your input and output device.
3. **Arm a Track:** Create a new audio track and arm it for recording. Select the corresponding input (e.g., Input 1 for your microphone).
4. **Adjust Gain:** Speak into your microphone or play your instrument while observing the input meters in your DAW. Adjust the GAIN knob on the Volt 4 until the signal is strong but not clipping (peaking into the red).
5. **Engage Vintage Mode (Optional):** Press the VINTAGE button on the desired input channel to activate the 610 tube preamp emulation for added warmth and character.
6. **Engage INST Mode (Optional):** If connecting a guitar or bass directly, press the INST button for optimal impedance

matching.

7. **Phantom Power (Optional):** If using a condenser microphone, press the 48V button to supply phantom power. Ensure the microphone is connected before activating 48V.
8. **Monitor Your Sound:** Use the MONITOR knob to adjust the volume of your studio monitors. Use the HP knob for headphone volume. The HOST button allows for direct monitoring with zero latency.



Figure 4: A studio setup featuring the Volt 4 connected to a laptop, studio monitors, and a microphone, illustrating a common recording environment.



Figure 5: A close-up of the Volt 4 interface alongside a computer screen displaying a Digital Audio Workstation (DAW) with various plugin interfaces, highlighting software integration.

## SPECIFICATIONS

Feature	Detail
Model Number	VOLT4
Item Weight	3.19 pounds
Number of Channels	4 (2 mic/instrument, 2 line)
Hardware Interface	USB 2.0 (USB-C connector)
Connectivity Technology	USB
Operating System Compatibility	Windows, Mac
Voltage	5 Volts

Feature	Detail
Included Software	Ableton Live Lite, Softube (Marshall Plexi Classic Amp, Time & Tone Bundle), Celemony Melodyne Essential, Relab LX480 Essentials, Plugin Alliance (Ampeg SVT-VR Classic, Brainworx bx_tuner, Brainworx bx_masterdesk Classic), UJAM (Virtual Drummer DEEP, Virtual Bassist DANDY), Spitfire-LABS, 30-day free trial of UAD Spark.

## TROUBLESHOOTING

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- **No Sound Output:**

- Ensure the Volt 4 is selected as the audio output device in your computer's sound settings and your DAW.
- Check all cable connections (USB, monitors, headphones).
- Verify volume levels on the Volt 4 (MONITOR, HP knobs) and in your operating system/DAW.

- **No Input Signal:**

- Check input cable connections.
- Adjust the GAIN knob for the active input channel.
- If using a condenser microphone, ensure 48V phantom power is enabled.
- Verify the correct input is selected in your DAW.

- **Latency Issues:**

- Use the HOST button on the Volt 4 for direct monitoring to eliminate software latency.
- In your DAW, reduce the audio buffer size (this may increase CPU load).
- Ensure your computer meets the minimum system requirements for your DAW and the Volt 4.

- **Device Not Recognized:**

- Try a different USB port or cable.
- Restart your computer and the Volt 4.
- Reinstall the Universal Audio drivers.
- Ensure the 5V DC power adapter is connected if the device is not receiving sufficient bus power.

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the exterior of the Volt 4. Avoid abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Periodically check the Universal Audio website for firmware updates to ensure optimal performance and compatibility.

## WARRANTY AND SUPPORT

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Universal Audio products are covered by a manufacturer's warranty. For detailed warranty information, product registration, technical support, and access to online resources, please visit the official Universal Audio website. Keep your proof of purchase for warranty claims.

For further assistance, you may also refer to the [Universal Audio Store on Amazon](#).

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