

Audient EVO4

Audient EVO 4 USB Audio Interface Instruction Manual

Model: EVO4
Brand: Audient

1. OVERVIEW

The Audient EVO 4 is a compact and intuitive 2-in/2-out USB audio interface designed for musicians, podcasters, and content creators. It simplifies the recording process with intelligent features and high-quality audio performance, making it ideal for both beginners and experienced users.



Figure 1: Front view of the Audient EVO 4 USB Audio Interface.

2. KEY FEATURES

- **Discrete JFET Instrument Input:** Provides a dedicated input for guitars and other instruments, designed to emulate the input stage of a classic tube amp.
- **Multifunctional Rotary Control with LED Ring:** A single large knob for intuitive control over all main functions, with an LED ring for visual feedback on levels.
- **DSP-based "Low Latency" Software Mixer:** Offers flexible routing and monitoring options with minimal delay.
- **Class Leading AKM Converters (AD/DA):** Ensures high-quality audio conversion for clear and accurate sound.
- **Smartgain:** Automatically sets input levels for your microphones or instruments, preventing clipping and distortion.
- **Smart Touchpoints:** Intuitive and fast control at your fingertips for various functions.

3. SETUP GUIDE

3.1 Connecting Your EVO 4

The EVO 4 is USB bus-powered, meaning it draws power directly from your computer via the USB-C connection. No external power supply is needed.

1. **Connect to Computer:** Use the provided USB-C to USB-A cable (or a USB-C to USB-C cable if your computer supports it) to connect the EVO 4 to an available USB port on your computer.
2. **Install Drivers:** Before connecting, or immediately after, download and install the latest drivers and EVO Control software from the official Audient website. This software is essential for full functionality and optimal performance.
3. **Connect Microphones:** Plug your microphones into the two XLR/TRS combo inputs on the rear of the EVO 4. These inputs support both XLR (for microphones) and 1/4-inch TRS (for line-level instruments).
4. **Connect Instruments:** For guitars or basses, use the dedicated JFET instrument input on the front of the unit.
5. **Connect Headphones:** Plug your headphones into the 1/4-inch headphone output on the front of the EVO 4.
6. **Connect Speakers:** Connect your studio monitors or speakers to the L and R outputs on the rear of the EVO 4 using 1/4-inch TRS cables.

Connectivity



Figure 2: Rear panel connectivity of the EVO 4, showing mic/line inputs, line outputs, and USB-C port.



Figure 3: The EVO 4 in a typical setup with headphones and input cables.

3.2 Official Product Video: Introduction to EVO 4

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Video 1: An introductory overview of the Audient EVO 4 Audio Interface, highlighting its design and core functionalities.

4. OPERATING INSTRUCTIONS

4.1 Smartgain Functionality

Smartgain is a unique feature that automatically sets the optimal input levels for your microphones or instruments. This helps prevent clipping and ensures a clean recording.

1. Press the Smartgain button (green microphone icon).
2. Select the input channel(s) you wish to set (1 or 2).
3. Start performing or speaking into your microphone/instrument. The EVO 4 will analyze the signal and automatically adjust the gain.



High Performance Converters

High performance converters are critical for hearing your audio accurately and boy does EVO 4 deliver, providing a massive 113db of dynamic range alongside ridiculously low noise and distortion figures.

Figure 4: Diagram illustrating the Smartgain feature for automatic level setting.

4.2 48V Phantom Power

For condenser microphones that require external power, activate the 48V phantom power by pressing the '48V' button. The LED will illuminate red when active.

4.3 Volume Control and Monitoring

The large central rotary encoder controls the main output volume. Pressing the input buttons (1 or 2) allows you to adjust the gain for individual channels. The Monitor Mix button enables direct monitoring, allowing you to hear your input signal with zero latency.

4.4 Audio Loop-back

The Audio Loop-back feature allows you to record audio from your computer simultaneously with your microphones. This is particularly useful for live streaming, podcasting with remote guests, or recording gameplay audio.



Hardware Features

- | | | |
|-----------------------|----------------------------|---------------|
| ① 48v Phantom Power | ④ JFET DI Instrument Input | ⑦ Monitor Mix |
| ② 2 x EVO Mic Preamps | ⑤ Headphone Output | ⑧ Volume Knob |
| ③ Smartgain | ⑥ Output Volume | |

Figure 5: Diagram explaining the Audio Loop-back function for recording computer audio.

4.5 EVO Control Software

The EVO Control software provides a comprehensive interface for managing your EVO 4 settings, including input/output routing, mixer controls, and advanced preferences. Ensure you have the latest version installed for optimal performance and access to new features.



Figure 6: The EVO 4 is compatible with major music production software and includes bundled plugins.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the EVO 4. Avoid using abrasive cleaners or solvents.
- **Software Updates:** Regularly check the Audient website for firmware and software updates. Keeping your EVO 4 updated ensures compatibility, performance improvements, and access to new features.
- **Storage:** When not in use, store the EVO 4 in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your Audient EVO 4, try the following steps:

- **No Sound/Input Signal:**
 - Ensure the EVO 4 is properly connected to your computer and powered on (LEDs should be illuminated).
 - Verify that the correct input and output devices are selected in your computer's sound settings and your Digital Audio Workstation (DAW).
 - Check cable connections for microphones, instruments, headphones, and speakers.
 - Confirm that input gains are set appropriately. Use Smartgain to automatically set levels.
 - If using a condenser microphone, ensure 48V phantom power is enabled.
- **Clipping/Distortion:**
 - Reduce the input gain for the offending channel.
 - Re-run Smartgain to ensure optimal levels.
- **Software/Driver Issues:**
 - Reinstall the latest drivers and EVO Control software from the Audient website.
 - Try connecting the EVO 4 to a different USB port or computer to rule out port/system specific issues.
- **Unusual Noises (e.g., RF interference, rattling):**

- Ensure all cables are properly shielded and securely connected.
- Try isolating the unit from other electronic devices that might cause interference.
- If a rattling noise is internal, contact support.

For further assistance, please visit the official Audient support page or consult their online resources.

7. SPECIFICATIONS

Feature	Specification
Model Number	EVO4
Number of Channels	2 (2-in/2-out)
Connectivity Technology	USB
Connector Type	USB Type A, XLR, 1/4-inch TRS
Hardware Interface	USB
Operating System Compatibility	Windows, macOS, iOS
Item Weight	12.7 ounces
Product Dimensions	2.64 x 5.51 x 2.64 inches

8. WARRANTY AND SUPPORT

The Audient EVO 4 typically comes with a 3-year limited warranty. Please refer to your product packaging or the official Audient website for specific warranty terms and conditions.

For technical support, driver downloads, and product registration, visit the official Audient support page:

www.audient.com/support

Registering your product also grants you access to ARC, a free software and offers bundle from industry-leading innovators.

Related Documents - EVO4



[Audient EVO 16 24in/24out Audio Interface Quick Start Guide](#)

Quick start guide for the Audient EVO 16, a 24in/24out audio interface. Learn how to connect, install drivers, explore features, and use the Smartgain function.



[Audient EVO 16: 24in/24out Audio Interface User Manual V2.1](#)

Comprehensive user manual for the Audient EVO 16, a 24-channel audio interface designed for professional and home studios. Learn about installation, hardware features, software control, and specifications.



[Audient EVO 4 2in/2out Audio Interface User Manual](#)

Comprehensive user manual for the Audient EVO 4 2in/2out Audio Interface, covering installation, hardware features, software setup, audio loop-back, specifications, firmware updates, and warranty information.



[Audient EVO 16 Audio Interface User Manual](#)

User manual for the Audient EVO 16, a 24-channel audio interface designed to simplify recording for creatives with advanced features and intuitive operation.



[Audient EVO SP8 User Manual: 8-Channel Smart Preamp Guide](#)

Comprehensive user manual for the Audient EVO SP8, an 8-channel smart preamp with AD/DA conversion, featuring Smartgain technology and JFET instrument inputs for simplified audio recording.



[Audient iD14: High Performance USB Audio Interface User Manual](#)

Comprehensive user manual for the Audient iD14, a high-performance USB audio interface. Details features, setup for Mac and Windows, hardware specifications, iD Mixer software controls, troubleshooting, and technical data.