Audient EVO16

Audient EVO 16 USB Audio Interface Instruction Manual

Brand: Audient

Model: EVO16

INTRODUCTION

The Audient EVO 16 is a USB audio interface designed for studio recording and production. It features 8 EVO mic preamps, 2 JFET instrument inputs, multiple optical inputs/outputs, and a comprehensive control system with a high-resolution LCD screen. This manual provides essential information for setting up, operating, and maintaining your EVO 16 to ensure optimal performance.

SETUP

Follow these steps to set up your Audient EVO 16 audio interface:

1. **Power Connection:** Connect the provided power cable to the EVO 16 and a suitable power outlet. The EVO 16 is not bus-powered and requires external power.

2. **USB Connection:** Connect the EVO 16 to your computer using a USB 2.0 (USB-C) cable. Ensure your computer meets the minimum system requirements.

3. **Driver Installation:** Visit the Audient website to download and install the latest drivers and software mixer for your operating system (Windows/macOS).

4. **Audio Output:** Connect your studio monitors to the 8 line outputs on the rear panel using appropriate TRS cables. For headphones, use the 2 independent headphone outputs on the front.

5. **Input Devices:** Connect microphones to the 8 EVO mic preamps (XLR/TRS combo jacks) and instruments to the 2 JFET instrument inputs (front panel).

Figure 1: Front view of the Audient EVO 16, showing the 2 JFET instrument inputs, 8 mic/line inputs, headphone outputs, and main control knob.

Figure 2: Rear view of the Audient EVO 16, illustrating the 8 line outputs, optical inputs/outputs, word clock output, and USB-C connection.

OPERATING INSTRUCTIONS

The EVO 16 features an intuitive 'EVO Motion UI' control system for easy operation:

- **EVO Mic Preamps:** The 8 EVO mic preamps provide high-quality audio capture. Adjust individual input gains using the software mixer or the main control knob on the unit.

- **Smartgain:** Utilize the Multi-Channel Smartgain feature to automatically set optimal gain levels for all your microphones simultaneously. This helps prevent clipping and ensures a clean recording.

- **'EVO Motion UI' Control System:** The high-resolution LCD screen displays metering, input/output control, and channel status. The one-knob centralized control allows for quick adjustments to various parameters.

- **Headphone Outputs:** Two independent headphone outputs allow for separate monitoring mixes. Adjust their levels using the dedicated controls.

- **Line Outputs:** The 8 line outputs can be used to connect to studio monitors or other outboard gear.

- **Optical Inputs/Outputs:** Expand your setup with 2 optical inputs and 2 optical outputs, supporting ADAT and S/PDIF protocols for up to 16 additional channels.

- **Word Clock Output:** Use the word clock output to synchronize the EVO 16 with other digital audio devices in your studio setup.

- **Software Mixer:** The ultra-low latency software mixer provides comprehensive control over routing, monitoring, and audio loop-back functions.

- **Programmable Function Button:** Assign custom functions to the programmable button for quick access to frequently used features.

Figure 3: The EVO Motion UI displaying output levels on the high-resolution LCD screen.

Figure 4: A user interacting with the main control knob and function buttons on the EVO 16.

Official Product Video: Introducing the Audient EVO 16 Audio Interface

Your browser does not support the video tag.

Video 1: An overview of the Audient EVO 16, highlighting its key features and design. This video is provided by Streamline Audio Video, a seller of the product.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your EVO 16:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using liquid cleaners or solvents, as they may damage the finish or internal components.

- **Storage:** Store the EVO 16 in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.

- **Cable Management:** Ensure all cables are neatly organized and not under excessive strain to prevent damage to connectors and ports.

- **Firmware Updates:** Regularly check the Audient website for firmware and software updates to ensure compatibility and access to the latest features and bug fixes.

Troubleshooting

If you encounter issues with your EVO 16, try the following troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the EVO 16 and a working power outlet. Check if the power switch on the unit is in the 'on' position.
- **No Audio Input/Output:**
  - Verify all audio cables are correctly connected and not damaged.
  - Check the gain levels for inputs and volume levels for outputs on the EVO 16 and in the software mixer.
  - Ensure the correct audio device (EVO 16) is selected in your computer's sound settings and your Digital Audio Workstation (DAW).
  - For condenser microphones, ensure 48V phantom power is enabled for the respective input channel.
- **Software/Driver Issues:**
  - Reinstall the latest drivers from the Audient website.
  - Restart your computer and the EVO 16.
  - Check for any conflicts with other audio devices or software on your computer.
- **Intermittent Connectivity:** Ensure the USB-C cable is securely connected and try using a different USB-C port or cable.

Specifications

Feature	Detail
Item Weight	4.4 pounds
Product Dimensions	13.98 x 10.04 x 2.09 inches
Item model number	EVO16
Compatible Devices	Personal Computer
Hardware Interface	USB Type C
Supported Software	ios
Operating System	Windows
Voltage	240
Brand	Audient
Connectivity Technology	USB
Number of Channels	16

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Audient website or contact their customer service directly. Product registration may be required to access full warranty benefits and software updates.

You can find additional resources and FAQs on the Audient Store Page.

Related Documents - EVO16

	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 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.
	[Audient iD24 Quick Start Guide](#) A concise guide to setting up and using the Audient iD24 audio interface, covering installation for Windows and macOS, and basic operation.