IK Multimedia IP-INT-AXEIOSOLO-IN

IK Multimedia AXE I/O SOLO USB Audio Interface User Manual

Model: IP-INT-AXEIOSOLO-IN

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1. INTRODUCTION

The IK Multimedia AXE I/O SOLO is a premium 2-in/3-out USB audio interface designed for guitarists and musicians. It offers high-resolution 24-bit, 96 kHz audio conversion, advanced guitar tone shaping features, and comes bundled with powerful software like AmpliTube 5 SE and TONEX SE. This manual provides detailed instructions for setting up, operating, and maintaining your AXE I/O SOLO.

Figure 1.1: Front-angled view of the IK Multimedia AXE I/O SOLO USB Audio Interface.

2. WHAT'S IN THE BOX

Upon unpacking your AXE I/O SOLO, please ensure all the following items are present:

- AXE I/O SOLO Audio Interface
- USB-A to USB-B Cable
- Registration Card with Software Download Instructions

If any items are missing or damaged, please contact IK Multimedia support immediately.

3. SETUP

3.1. Driver Installation

1. **Register Your Product:** Visit the IK Multimedia website and register your AXE I/O SOLO using the provided serial number. This will grant access to software downloads and updates.

2. **Download Drivers:** From your IK Multimedia user area, download the latest drivers for your operating system (Windows or macOS).

3. **Install Drivers:** Follow the on-screen instructions to install the drivers. It is recommended to restart your computer after installation.

3.2. Hardware Connections

Connect your AXE I/O SOLO to your computer and other audio equipment as follows:

- **USB Connection:** Connect the supplied USB cable from the AXE I/O SOLO's USB 2.0 port to an available USB port on your computer. The device is USB bus-powered.

- **Instrument Input (Input 1):** Connect your guitar or bass to the 1/4" TS input on the front panel.

- **Microphone/Line Input (Input 2):** Connect a microphone (XLR) or a line-level instrument (1/4" TRS) to the combo jack on the rear panel. Ensure 48V phantom power is enabled for condenser microphones.

- **Line Outputs (1/L, 2/R):** Connect your studio monitors or an external mixer to the 1/4" TRS Line Out jacks on the rear panel.

- **Amp Output:** Connect the 1/4" TS Amp Out jack on the front panel to your guitar amplifier's input for re-amping or direct monitoring through an amp.

- **Headphones:** Connect your headphones to the 1/4" TRS Headphone jack on the front panel.

- **MIDI In/Out:** Connect MIDI devices to the 5-pin DIN MIDI In and Out ports on the rear panel.

- **External Control:** Connect expression pedals or footswitches to the 1/4" TS Switch/Pedal 1 and 2 inputs on the rear panel for hands-free control of software parameters.

Figure 3.1: Rear panel showing USB, MIDI, External Control, Line Out, and Mic/Line In connections.

4. OPERATING INSTRUCTIONS

4.1. Front Panel Controls

Figure 4.1: Front panel controls including Gain, Z-Tone, Monitor, Headphones, and Master knobs, along with input switches.

- **GAIN (Input 1 & 2):** Adjusts the input level for connected instruments or microphones. The LED meters indicate signal strength and clipping.
- **Z-TONE (Input 1):** This unique feature allows you to vary the impedance of the instrument input.

    - **SHARP:** Higher impedance for a tighter, sharper sound.
    - **BOLD:** Lower impedance for a thicker, bolder sound.

- **PASSIVE/ACTIVE Switch (Input 1):** Selects the appropriate input impedance for passive or active guitar pickups.
- **PURE/JFET Switch (Input 1):** Switches between a transparent PURE preamp and a Class A JFET input for a warmer, tube-like tone.
- **48V Button (Input 2):** Activates +48V phantom power for condenser microphones. The LED illuminates when active.
- **MONITOR Knob:** Blends between the direct input signal (DIRECT) and the playback signal from your computer (DAW) for zero-latency monitoring.
- **HEADPHONES Knob:** Controls the output volume for the headphone jack.
- **MASTER Knob:** Controls the overall output volume for the Line Outputs.

5. SOFTWARE INTEGRATION

The AXE I/O SOLO includes a powerful software bundle to enhance your recording and tone-shaping experience.

5.1. AmpliTube 5 SE

AmpliTube 5 SE provides a comprehensive suite of virtual guitar and bass amplifiers, cabinets, stompboxes, and rack effects. It allows you to create detailed signal chains and achieve a wide range of tones.

Figure 5.1: AXE I/O SOLO in use with a guitar and a laptop running AmpliTube 5 SE.

Figure 5.2: The AmpliTube 5 SE software interface, showing various virtual amplifiers and effects.

5.2. TONEX SE

TONEX SE utilizes AI Machine Modeling technology to capture the sound of any amp, cabinet, or pedal and turn it into a Tone Model. You can play, practice, and record with thousands of Tone Models available.

Figure 5.3: The TONEX SE software interface, displaying various Tone Models and their settings.

5.3. Software Activation

After installing the drivers, follow the instructions provided with your registration card to download and activate AmpliTube 5 SE and TONEX SE from your IK Multimedia user account. Ensure your AXE I/O SOLO is connected during the activation process.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid abrasive cleaners or solvents.
- **Storage:** Store the AXE I/O SOLO in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Always handle cables by the connector, not the wire, to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your AXE I/O SOLO, consider the following common solutions:

- **No Sound:**
  - Check all cable connections (USB, instrument, monitors, headphones).
  - Ensure the AXE I/O SOLO is selected as the input/output device in your computer's sound settings and your DAW.
  - Adjust GAIN, MONITOR, HEADPHONES, and MASTER knobs.

- Verify that the correct input mode (PASSIVE/ACTIVE, PURE/JFET) is selected for your instrument.

- **Driver Issues:**

  - Reinstall the latest drivers from the IK Multimedia website.
  - Try connecting to a different USB port on your computer.
  - Ensure your operating system is up to date.

- **Software Not Recognizing Device:**

  - Ensure the AXE I/O SOLO drivers are correctly installed and the device is connected.
  - Check your DAW's audio preferences to ensure the AXE I/O SOLO is selected as the audio device.
  - Verify software activation status.

- **Distorted Sound:**

  - Reduce the input GAIN to prevent clipping (check the CLIP LEDs).
  - Ensure the correct input mode (PASSIVE/ACTIVE) is selected for your instrument.

For further assistance, refer to the official IK Multimedia support resources.

8. SPECIFICATIONS

Feature	Detail
Item Weight	2.2 pounds (1000 Grams)
Product Dimensions	7.68 x 7.68 x 2.09 inches
Item Model Number	IP-INT-AXEIOSOLO-IN
Compatible Devices	Personal Computer
Hardware Interface	USB
Operating System	Mac (also compatible with Windows)
Brand	IK Multimedia
Connectivity Technology	USB
Number of Channels	2
Date First Available	March 12, 2020

9. WARRANTY & SUPPORT

9.1. Warranty Information

The IK Multimedia AXE I/O SOLO is covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official IK Multimedia website for detailed terms and conditions regarding warranty coverage and duration.

9.2. Customer Support

For technical support, product registration, software downloads, or any other inquiries, please visit the official IK Multimedia support page:

www.ikmultimedia.com/support

You can also find the full user manual in PDF format here**AXE I/O SOLO User Manual (PDF)**

Related Documents - IP-INT-AXEIOSOLO-IN

AmpliTube **TONEX** Pedal USER MANUAL	[IK Multimedia AmpliTube TONEX Pedal User Manual](#) Explore the IK Multimedia AmpliTube TONEX Pedal, a cutting-edge AI Machine Modeling stompbox for guitar and bass. This user manual covers its features, connections, setup, parameters, MIDI, and software integration for live performance and studio recording.
AmpliTube **TONEX** Pedal USER MANUAL	[AmpliTube TONEX Pedal User Manual](#) Comprehensive user manual for the IK Multimedia AmpliTube TONEX Pedal, detailing its features, connections, setup, and usage for guitar and bass tone modeling.
	[AmpliTube TONEX Pedal User Manual](#) User manual for the IK Multimedia AmpliTube TONEX Pedal, detailing its features, connections, setup, parameters, and software integration for guitarists and bassists.
AmpliTube **TONEX** ONE USER MANUAL	[IK Multimedia AmpliTube TONEX ONE User Manual](#) A comprehensive guide to the IK Multimedia AmpliTube TONEX ONE, covering its features, ecosystem, setup, connections, modes, parameters, and software integration for guitar and bass players.
TONEX Plug USER MANUAL	[IK Multimedia TONEX Plug User Manual: Features, Setup, and App Guide](#) Comprehensive user manual for the IK Multimedia TONEX Plug, detailing its features, basic operations, advanced functions, TONEX Control App integration, and safety instructions. Learn how to capture, play, and share guitar and bass tones with this powerful ecosystem.

TONEX CAB

USER MANUAL

[IK Multimedia TONEX CAB User Manual](#)

Comprehensive user manual for the IK Multimedia TONEX CAB, detailing its features, operations, software integration, and safety instructions.