

Antelope Audio Zen Go Synergy Core USB

Antelope Audio Zen Go Synergy Core USB Audio Interface Instruction Manual

Brand: Antelope Audio

Model: Zen Go Synergy Core USB

1. INTRODUCTION

The Antelope Audio Zen Go Synergy Core USB is a bus-powered 4x8 USB-C audio interface designed for recording music with onboard real-time audio recording effects. It provides professional studio sound quality for home and mobile recording environments.

Key features include professional studio sound, AD/DA conversion with up to 127dB of headroom, discrete console-grade preamps, 64-bit AFC technology, 37 included analog-modeled effects, and USB-C connectivity for both Mac and Windows devices. The interface is designed for clear readability and efficient operation.

2. WHAT'S IN THE BOX

- Zen Go Synergy Core Audio Interface
- Warranty card
- USB-C to USB-C cable
- Quick start guide

3. SETUP

3.1. Initial Connection

The Zen Go Synergy Core is a bus-powered device, meaning it draws power directly from your computer via the USB-C connection. No external power adapter is required for operation.

1. Connect one end of the provided USB-C cable to the USB-C port labeled 'USB-C' on the rear panel of the Zen Go Synergy Core.
2. Connect the other end of the USB-C cable to an available USB-C port on your computer (Mac or Windows).
3. The device is plug-and-play. Your operating system should automatically detect and install the necessary drivers. For optimal performance, it is recommended to visit the Antelope Audio website to download the latest drivers and

software.

3.2. Driver Installation and Software

While the device is plug-and-play, installing the dedicated Antelope Audio software is crucial for accessing all features, including the Synergy Core effects, routing options, and firmware updates. Refer to the quick start guide or the Antelope Audio website for detailed instructions on software installation.

Video: Zen Go Synergy Core: Your Studio is Everywhere. This video demonstrates the portability and versatility of the Zen Go Synergy Core audio interface in various recording scenarios.

4. KEY FEATURES

- **Professional Studio Sound:** The Zen Go Synergy Core bridges the gap between home and professional studio sound quality, offering high-fidelity audio capture and playback.
- **Advanced AD/DA Conversion:** Experience pristine audio with up to 127dB of headroom and extended low-end detail, powered by Antelope Audio's proprietary 64-bit AFC (Acoustically Focused Clocking) technology.
- **Discrete Console-Grade Preamps:** Two high-quality preamps ensure recordings with exceptional fidelity and resolution, suitable for microphones and instruments.
- **Integrated Synergy Core Effects:** Access 37 included analog-modeled effects and over 50 optional expansions, allowing for real-time processing without taxing your computer's CPU.
- **Optimized for Podcasting and Voiceovers:** High-quality preamps and analog-modeled effects enhance vocal clarity and richness, ideal for broadcast-quality voice recordings.
- **Bus-Powered USB-C Connectivity:** Enjoy the convenience of a single USB-C cable for both power and data, ensuring seamless integration with Mac and Windows devices.
- **Streamlined Control Interface:** The device features essential controls for intuitive and efficient recording and monitoring, minimizing clutter.



Image: Front view of the Antelope Audio Zen Go Synergy Core USB Audio Interface, showcasing its sleek design and primary controls.

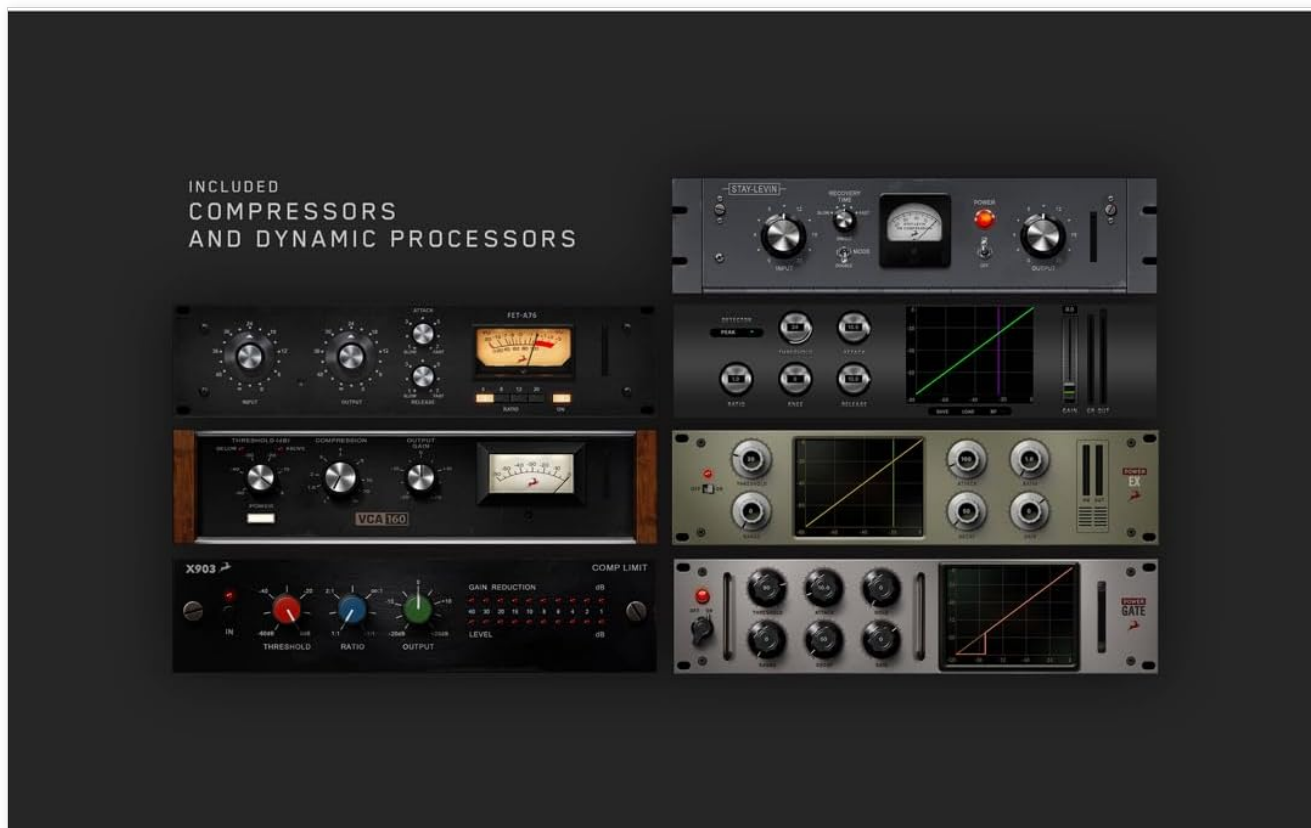


Image: A visual representation of some of the included analog-modeled compressors and dynamic processors available with the Zen Go Synergy Core.

5. OPERATING CONTROLS

5.1. Front Panel

The front panel of the Zen Go Synergy Core features a minimalist design for intuitive control:

- **Display Screen:** A color display shows input/output levels, sample rate, clock source, and other vital information.
- **GAIN Buttons:** Press to cycle through input gain controls for Mic/Line 1 and Mic/Line 2. Use the large rotary knob to adjust the selected gain.
- **HP/MON Button:** Press to cycle through headphone output 1, headphone output 2, and monitor output volume controls. Use the large rotary knob to adjust the selected volume.
- **Large Rotary Knob:** This multi-function knob adjusts gain for selected inputs or volume for selected outputs.



Image: Close-up of the Zen Go Synergy Core's front panel, highlighting the display screen and control knobs.

5.2. Rear Panel

The rear panel provides all necessary audio inputs and outputs:

- **MIC-XLR / LINE / HI-Z 1/4" JACK Inputs (A1, A2):** Two combo jacks for connecting microphones (XLR), line-level instruments (1/4" TRS), or high-impedance instruments like guitars (1/4" TS).
- **MONITOR Outputs (L, R):** Balanced 1/4" TRS outputs for connecting to studio monitors.
- **S/PDIF In/Out:** Digital coaxial input and output for connecting to other digital audio equipment.
- **USB-C Ports:** Two USB-C ports. One is for bus power and data connection to your computer, and the other can be used for external power if needed (e.g., when connecting to an iPad).
- **HP1 / HP2 Outputs:** Two 1/4" TRS headphone outputs on the side panel.

4X8 BUS-POWERED AUDIO INTERFACE

ZEN GO

SYNERGY CORE



COMPACT SIZE

YOUR

PROFESSIONAL

STUDIO SOUND



REALTIME EFFECTS
WITH NEAR 0 LATENCY
AND ABILITY TO SAVE
ROUTING PRESETS



AD/DA CONVERSION
OFFERS UP TO 127DB
OF HEADROOM




PROFESSIONAL
GRADE PRE-AMPS

Image: Rear view of the Zen Go Synergy Core, detailing all input and output connections.

6. CONNECTIVITY

The Zen Go Synergy Core offers versatile connectivity options to integrate into various studio setups:

- **USB-C:** Primary connection for power and data with computers.
- **XLR Combo Jacks:** For microphones, line-level signals, and Hi-Z instruments.
- **TRS Monitor Outputs:** For connecting to studio monitors.
- **S/PDIF:** Digital audio input/output for expanded connectivity.
- **Headphone Outputs:** Two independent headphone outputs for monitoring.



**LOOPBACK
FUNCTION FOR
STREAMING**

Send monitoring mixes with any signal source from the interface's inputs and OS/DAW playback

**SESSION
RECALL**

Save session files and create exact snapshots

AFC™

64-BIT CLOCKING

BITWIG

INCLUDED DAW

Image: A visual emphasizing the switchable input capabilities of the Zen Go Synergy Core, showing the rear panel inputs.

7. SOFTWARE INTEGRATION

The Zen Go Synergy Core is compatible with:

- **Operating Systems:** Windows and macOS.
- **Drivers:** Utilizes ASIO drivers for low-latency performance.
- **DAW Compatibility:** Works with most Digital Audio Workstation (DAW) recording software.
- **Synergy Core FX:** The included 37 real-time effects are managed through the Antelope Audio control panel software.



Image: A hand adjusting the main knob on the Zen Go Synergy Core, illustrating its user-friendly interface and compatibility with macOS and Windows.

8. SPECIFICATIONS

Item Weight	1.54 pounds
Product Dimensions	11.7 x 19.8 x 5.8 inches
Item Model Number	Zen Go Synergy Core USB
Compatible Devices	Headphone, Microphone, Personal Computer, Speaker
Connector Type	Digital Coaxial, XLR Combo Jack TRS
Supported Software	Mac, Windows
Operating System	Windows, macOS
Connectivity Technology	USB
Number of Channels	1

9. TROUBLESHOOTING

- **No Power/Connection:** Ensure the USB-C cable is securely connected to both the interface and your computer. Verify your computer's USB-C port is functional.
- **No Audio Input/Output:** Check all cable connections (microphones, instruments, monitors, headphones). Confirm input gain and output volume levels are appropriately set on the device and within your DAW. Verify correct driver installation and selection in your operating system's sound settings and DAW preferences.
- **Latency Issues:** Ensure you are using the latest ASIO drivers (Windows) or the native Core Audio drivers (macOS).

Adjust buffer size settings in your DAW to optimize latency.

- **Software/Effect Issues:** Ensure the Antelope Audio control panel software is up-to-date. Restart the software and the interface if issues persist.





10. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and humidity.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.

11. WARRANTY AND SUPPORT

A warranty card is included in the product packaging. For detailed warranty information, technical support, and access to the latest software and firmware updates, please visit the official Antelope Audio website. Registering your product may be required to access full support and software benefits.

Related Documents - Zen Go Synergy Core USB

	<p>Antelope Audio Zen Quadro Synergy Core User Manual - Setup and Features</p> <p>User manual for the Antelope Audio Zen Quadro Synergy Core, a 14x10 USB bus-powered audio interface. Covers setup, configuration, hardware, software, effects, and troubleshooting.</p>
	<p>Antelope Audio Zen Q Synergy Core User Manual: Thunderbolt 3 Audio Interface Guide</p> <p>This comprehensive user manual provides detailed instructions and specifications for the Antelope Audio Zen Q Synergy Core, a 14x10 bus-powered Thunderbolt 3 audio interface designed for professional audio production. Learn about setup, configuration, control panel features, and advanced functionalities.</p>
	<p>Antelope Audio Zen Q Synergy Core User Manual - Setup, Features, and Specifications</p> <p>Comprehensive user manual for the Antelope Audio Zen Q Synergy Core, detailing setup, online activation, hardware features, control panel application, audio routing, effects, and technical specifications for this advanced audio interface.</p>
	<p>Antelope Audio Zen Q Synergy Core User Manual Thunderbolt 3 Audio Interface</p> <p>Comprehensive user manual for the Antelope Audio Zen Q Synergy Core, a 14x10 bus-powered Thunderbolt 3 audio interface. Learn about setup, configuration, features, software, and troubleshooting.</p>



[Antelope Audio Zen Tour Synergy Core User Manual](#)

User manual for the Antelope Audio Zen Tour Synergy Core, an 18x26 desktop Thunderbolt 3 & USB 2.0 audio interface. Learn about setup, configuration, features, and specifications.



[Antelope Audio Zen Tour Owner's Manual: Portable Thunderbolt/USB Audio Interface](#)

Comprehensive owner's manual for the Antelope Audio Zen Tour, a portable Thunderbolt and USB audio interface. Learn about its features, installation, software control, technical specifications, and troubleshooting.