

PreSonus AUDIOBOX USB

PreSonus AudioBox USB 2x2 Audio Interface Instruction Manual

Model: AUDIOBOX USB

INTRODUCTION

The PreSonus AudioBox USB 2x2 Audio Interface is a bus-powered USB audio and MIDI interface designed for mobile musicians and podcasters. It offers 24-bit resolution and 44.1/48 kHz sampling rates, ensuring professional-quality sound. Featuring two combo mic/instrument inputs with high-performance, low-noise, high-headroom mic preamplifiers, it provides zero-latency analog monitoring. The AudioBox USB is ruggedly built and compatible with virtually any PC or Mac recording software. It also includes a free download of Studio One 3 Artist DAW software and over 6 GB of third-party resources upon product registration.

SETUP

To set up your PreSonus AudioBox USB, follow these steps:

1. **Connect to Computer:** Connect the AudioBox USB to your computer using a standard USB cable. The device is bus-powered, meaning it draws power directly from your computer's USB port.
2. **Install Drivers & Software:** Register your product online to download the necessary drivers and the included Studio One 3 Artist DAW software. Ensure all software is installed correctly before proceeding.
3. **Connect Microphones/Instruments:** Use XLR cables for microphones or 1/4-inch cables for instruments to connect to the combo inputs on the front panel.
4. **Connect Monitors/Headphones:** Connect your studio monitors to the main outputs on the rear panel using 1/4-inch cables. Plug your headphones into the dedicated headphone output on the front panel.
5. **MIDI Connections:** If using MIDI instruments, connect them to the MIDI In/Out ports on the rear panel.



Figure 1: Front view of the PreSonus AudioBox USB 2x2 Audio Interface, showing input jacks, gain knobs, phantom power switch, mixer, phones, and main volume controls.



Figure 2: Back view of the PreSonus AudioBox USB 2x2 Audio Interface, displaying USB port, MIDI In/Out, and Main Out jacks.

OPERATING

Familiarize yourself with the controls for optimal performance:

- **Input Gain Knobs (1 & 2):** Adjust the input level for each microphone or instrument connected to the combo inputs. Monitor the 'Clip' LED to ensure the signal does not distort (turn red).
- **48V Phantom Power:** Engage this switch to provide 48V phantom power to condenser microphones. Ensure your microphone requires phantom power before activating.
- **Mixer Knob:** Balances the blend between the direct input signal and the playback from your computer. Turn towards 'Inputs' to hear more of your live input, or towards 'Playback' to hear more of your computer's audio.
- **Phones Knob:** Controls the volume of the headphone output.
- **Main Knob:** Controls the overall output volume to your studio monitors connected to the Main Out ports.

MAINTENANCE

To ensure the longevity and optimal performance of your AudioBox USB, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or solvents, as they may damage the finish or internal components.
- **Storage:** Store the AudioBox USB in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Cable Care:** Handle all cables with care. Avoid sharp bends or kinks, and always grasp the connector, not the cable, when plugging or unplugging.

- **Ventilation:** Ensure the device has adequate ventilation to prevent overheating. Do not block any ventilation openings.

TROUBLESHOOTING

If you encounter issues with your PreSonus AudioBox USB, consider the following:

- **No Sound/Distortion:**
 - Check all cable connections (USB, XLR, 1/4-inch, monitor).
 - Ensure input gain knobs are set correctly and the 'Clip' LED is not constantly red.
 - Verify that the correct audio device is selected in your computer's sound settings and your DAW.
 - If using a condenser microphone, ensure 48V phantom power is engaged.
- **Latency Issues:**
 - Utilize the zero-latency analog monitoring feature by adjusting the 'Mixer' knob towards 'Inputs'.
 - In your DAW settings, reduce the buffer size. Note that very low buffer sizes may cause audio dropouts on less powerful systems.
- **Device Not Recognized:**
 - Ensure the USB cable is securely connected to both the AudioBox USB and your computer.
 - Try a different USB port on your computer.
 - Reinstall the latest drivers from the PreSonus website.

SPECIFICATIONS

| Feature | Value |
|-------------------------|---|
| Item Weight | 14.1 ounces |
| Product Dimensions | 5.5 x 1.75 x 5.5 inches |
| Item Model Number | AUDIOBOX USB |
| Date First Available | February 29, 2008 |
| Compatible Devices | Personal Computer |
| Connector Type | Printer sized USB port on the audio interface |
| Hardware Interface | USB |
| Supported Software | Studio One |
| Operating System | Windows, Mac |
| Connectivity Technology | USB |
| Number of Channels | 2 |
| Resolution | 24-bit |
| Sampling Rate | 44.1 and 48 kHz |

WARRANTY AND SUPPORT

The PreSonus AudioBox USB includes a free download of Studio One 3 Artist DAW software and over 6 GB of third-party resources after product registration. For technical support or warranty information, please refer to the official PreSonus website or contact their customer service. This product is compatible with almost all recording software for Mac and Windows operating systems.

Legal Disclaimer: *Used item, works great.*