M-AUDIO AIR192x4

M-AUDIO AIR 192x4 Audio Interface User Manual

Model: AIR192x4

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your M-AUDIO AIR 192x4 Audio Interface. The AIR 192x4 is designed to deliver studio-quality 24-bit/192kHz audio recording and monitoring for musicians, podcasters, and content creators.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- M-AUDIO AIR 192x4 Audio Interface
- USB-C to USB-C Cable
- USB-C to USB-A Cable
- User Guide & Safety and Warranty Information (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the physical components and controls of your AIR 192x4 Audio Interface.

Figure 3.1: M-AUDIO AIR 192x4 Audio Interface (Front and Rear View)

3.1 Front Panel Features

Figure 3.2: Front Panel Controls and Indicators

- **Input Gain Knobs (1 & 2):** Adjust the input level for connected microphones or instruments.
- **VU LED Meters:** Provide visual feedback on input signal levels, indicating -20dB, -6dB, -3dB, and Clip.
- **Phantom Power Button & LED:** Activates +48V phantom power for condenser microphones. The LED illuminates when active.
- **USB/Direct Knob:** Blends the direct input signal with the audio playback from your computer for zero-latency monitoring.
- **Headphone Output:** Connects to headphones for monitoring.
- **Headphone Volume Knob:** Adjusts the volume of the headphone output.
- **Main Volume Knob:** Controls the overall output volume to your studio monitors.

3.2 Rear Panel Connections

CONNECTIVITY COVERED

(1) ¼-INCH INSTRUMENT INPUT

STEREO ¼-INCH OUTS

¼-INCH HEADPHONE OUT

(1) XLR+ ¼-INCH TRS COMBO INPUT

Figure 3.3: Rear Panel Connections

- **XLR+¼" TRS Combo Input (Input 1):** Connects microphones (XLR) or line-level instruments (¼" TRS).
- **¼" Instrument Input (Input 2):** Specifically designed for direct connection of guitars or basses.
- **Main Outputs (L/R):** ¼" TRS outputs for connecting to studio monitors.
- **USB Port:** Connects the interface to your computer using the provided USB-C to USB-C or USB-C to USB-A cable.

4. SYSTEM REQUIREMENTS

Before connecting your AIR 192x4, ensure your computer meets the following general requirements:

- **Operating Systems:** Windows, macOS (also compatible with Android and iOS for certain applications).
- **Hardware Interface:** USB 2.0 or higher (USB-C port recommended for optimal performance).
- **Compatible Devices:** Personal Computer, Guitar, Keyboard, Microphone, Speaker.

5. SETUP GUIDE

5.1 Connecting to Your Computer

1. Connect one end of the provided USB-C cable to the USB port on the rear of the AIR 192x4.
2. Connect the other end of the cable to an available USB port on your computer. Use the appropriate cable (USB-C to USB-C or USB-C to USB-A) for your computer's port type.

3. The AIR 192x4 is bus-powered, meaning it draws power directly from the USB connection. The Power LED on the front panel will illuminate when successfully connected.

Figure 5.1: Connecting the AIR 192x4 to a computer

5.2 Driver Installation

For optimal performance and access to all features, it is recommended to install the latest drivers for your AIR 192x4. Visit the official M-AUDIO website and navigate to the support section for your specific model to download and install the most current drivers. Follow the on-screen instructions provided by the installer.

5.3 Connecting Inputs

FEATURE PACKED

VU LED METERS

RUGGED METAL CHASIS

USB/DIRECT KNOB
FOR ZERO LATENCY MONITORING

LARGE CENTRAL VOLUME CONTROL

PHANTOM POWER
FOR POWERING XLR CONDENSER MICROPHONES

Figure 5.2: Connectivity Options

- **Microphone:** Connect an XLR microphone to Input 1. If using a condenser microphone, press the Phantom Power button on the front panel.
- **Instrument (Guitar/Bass):** Connect a ¼" TS cable from your instrument to Input 2. This input features a specially designed gain and impedance stage.
- **Line-Level Devices:** Connect line-level devices (e.g., synthesizers, drum machines) to Input 1 using a ¼" TRS cable.

5.4 Connecting Outputs

- **Studio Monitors:** Connect your active studio monitors to the Main L/R outputs on the rear panel using

¼" TRS cables.

- **Headphones:** Connect your headphones to the ¼" headphone output on the front panel.

6. OPERATING INSTRUCTIONS

6.1 Adjusting Input Levels

Use the Input Gain knobs (1 and 2) to set the appropriate recording level for your microphone or instrument. Observe the VU LED meters; aim for the signal to peak in the green or yellow range, avoiding the red 'Clip' LED to prevent distortion.

6.2 Monitoring

- **Direct Monitoring:** The USB/Direct knob allows you to blend between the direct input signal (for zero-latency monitoring) and the audio playback from your computer. Turn the knob towards 'Direct' to hear more of your live input, and towards 'USB' to hear more of your computer's playback.
- **Headphone Output:** Adjust the Headphone Volume knob to control the listening level through your headphones.
- **Main Output:** Use the Main Volume knob to control the listening level through your studio monitors.

6.3 Phantom Power

If you are using a condenser microphone, press the Phantom Power button to supply +48V power. Ensure the microphone is connected before activating phantom power. Dynamic microphones do not require phantom power.

7. INCLUDED SOFTWARE

The M-AUDIO AIR 192x4 includes a comprehensive software suite to enhance your music production experience. Software availability is upon product registration.

Figure 7.1: Included Software Suite

- **Digital Audio Workstations:** Ableton Live Lite, AKAI Professional's MPC Beats.

- **Virtual Instruments:** Xpand!2, Mini Grand, TubeSynth, Electric, Bassline.

- **FX Plugins:** AIR Creative FX Collection, AIR Channel Strip, Half Time, ReValver (2x Amps, 3x Cabs, 3x Mics, 3x Effects).

- **Sound Content:** Touch Loops (2GB of factory content with bonus F9 instruments library).

8. MAINTENANCE

To ensure the longevity and optimal performance of your M-AUDIO AIR 192x4:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid abrasive cleaners or solvents.

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

- **Handling:** Avoid dropping or subjecting the unit to strong impacts.

- **Cables:** Ensure all cables are connected securely and are not bent or crimped excessively.

9. TROUBLESHOOTING

If you encounter issues with your AIR 192x4, refer to the following common troubleshooting steps:

- **No Power:** Ensure the USB cable is securely connected to both the interface and your computer. Try a different USB port or cable.
- **No Sound (Input):** Check that your microphone/instrument is properly connected and the input gain knob is turned up. Verify phantom power is active for condenser microphones. Ensure the correct input is selected in your recording software.
- **No Sound (Output):** Check that your studio monitors or headphones are connected and powered on. Adjust the Main Volume and Headphone Volume knobs. Ensure the AIR 192x4 is selected as the audio output device in your computer's sound settings and recording software.
- **Distortion/Clipping:** Reduce the input gain if the 'Clip' LED illuminates frequently. Ensure your recording software's input levels are not too high.
- **Latency Issues:** Adjust the buffer size in your recording software's audio settings. Utilize the Direct Monitoring feature by adjusting the USB/Direct knob.
- **Software Not Recognizing Interface:** Ensure the latest drivers are installed. Restart your computer and recording software. Check your computer's device manager (Windows) or Audio MIDI Setup (macOS) to confirm the interface is recognized.

10. TECHNICAL SPECIFICATIONS

Feature	Specification
Item Weight	1.76 pounds
Product Dimensions	8.04 x 6 x 2.76 inches
Item Model Number	AIR192x4
Hardware Interface	USB
Connectivity Technology	USB, XLR, TRS
Number of Channels	2
Voltage	5 Volts
Supported Software	Ableton Live Lite, MPC Beats, Reason+ (6-month subscription) and Others
Operating System Compatibility	Android, Windows, iOS, macOS

11. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the safety and warranty document included in your product package. For further assistance, technical support, or to download the latest drivers and software, please visit the official M-AUDIO website.

You can also find additional resources and a downloadable PDF version of the user guide at M-AUDIO AIR 192x4 User Guide (PDF)

Related Documents - AIR192x4

	M-Audio M-Track Duo User Guide User guide for the M-Audio M-Track Duo, a versatile USB audio interface for musicians and producers. Covers quick start, software setup, features, panel descriptions, and technical specifications.
	M-Audio M-Track Solo User Guide: Setup, Features, and Specifications Comprehensive user guide for the M-Audio M-Track Solo audio interface, detailing setup, software integration, features, and technical specifications in English, Spanish, French, Italian, and German.
	M-Track Duo User Guide - M-Audio Comprehensive user guide for the M-Audio M-Track Duo, a 2-channel USB audio interface, covering quick start, software setup with Pro Tools and MPC Beats, features, connection diagrams, and technical specifications.
	M-Track Duo User Guide - M-Audio Comprehensive user guide for the M-Audio M-Track Duo, a 2x2 USB audio interface. Covers setup, software integration, connection diagrams, and feature explanations for Windows and macOS.
	M-Audio AIR 192|4 USB Audio Interface User Guide Comprehensive user guide for the M-Audio AIR 192|4 USB audio interface, detailing setup, features, connections, software integration, and technical specifications.
	M-Audio AIR 192|6 Audio Interface & Classic Cantabile KH-238 Headphones User Manuals Comprehensive user guides for the M-Audio AIR 192|6 USB audio interface and Classic Cantabile KH-238 HiFi dynamic headphones, covering setup, features, specifications, and safety information.