



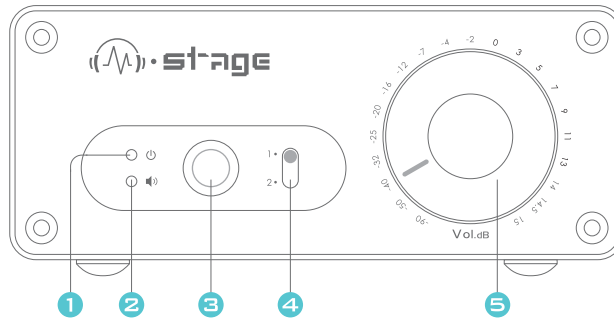
Manual

Overview

The M-STAGE was designed for high-impedance headphones, it can easily to drive any dynamic headphones, the excellent design to make it with the following features:

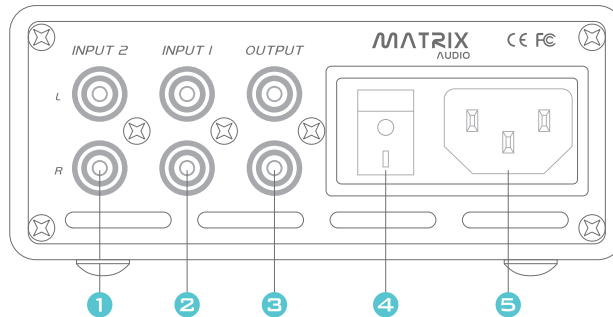
- Class A and low internal resistance design to make it easily to drive all kinds of low sensitivity dynamic headphones.
- Line out function, can be used as a preamplifier.
- Power on/off noise cancellation function and direct current protection function can effectively protect your headphones.
- 24 bit/192 kHz XMOS USB interface chip and PCM1793 high quality D/A chip. (USB model only)
- Support Windows XP/Vista/7/8/8.1 and Mac OS system, support ASIO interface. (USB model only)
- Using an ultra-low distortion audio op-amp to get the best signal playback.
- High-quality audio power transformer, each AMP units using independent multi-stage stabilized voltage supply.
- High quality ALPS volume potentiometer.
- High quality gold-plated RCA connectors.

The Front Panel



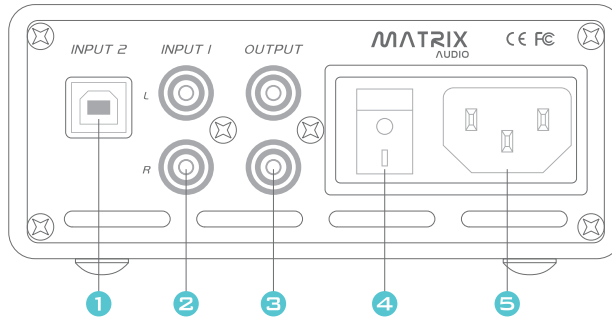
- 1 Power LED
- 2 Output LED
- 3 Headphone Jack
- 4 Source Switch
- 5 Volume knob

The Rear Panel



- 1 RCA Analog Input
- 2 RCA Analog Input
- 3 Line Output
- 4 Power Switch
- 5 AC Socket

The Rear Panel



- 1 USB Input
- 2 RCA Analog Input
- 3 Line Output
- 4 Power Switch
- 5 AC Socket

AC Power

M-Stage compatible with AC 100-120V and AC 220-240V voltage specifications. Please set the voltage switch according to your local Voltage environment before Using.

The voltage switch is on the left side of the M-stage, the two section of the voltage switch is 115V and 230V, the following is the voltage range:

115V position is fit for AC100V-120V 50/60Hz

230V Position is fit for AC220V-AC240V 50/60Hz

Please ensure the input voltage is in the right range, the incorrect voltage input can damage your M-stage.

For reducing the noises and get the best playback effect, please use the three-phase source wires which is include the ground terminal, and ensure the ground is reliable connection.

Settings & Usage

- Power On/Off

Plug into the power cord, turn on the M-STAGE, the power LED will light up , and the M-Stage into working state.

For reducing the electricity consumption, if you do not use M-Stage for a long time, please turn it off and unplug the power cord.

- Input Channel

In the working state, select the source switch on the front panel, the two groups input channel will be switched.

- Volume Control

The volume knob of the front panel can both control the headphone output and line output, the scale value around the volume knob can show the current gain.

For avoiding the excessive volume to make you hearing impairment, please ensure the volume knob is in the right position before you turn on the power.

Settings & Usage

- Headphone Output

M-Stage has a 6.35mm standard stereo output headphone jack, if your headphone plug standard is 3.5mm, please use the 6.35mm/3.5mm headphone plug converter. When the headphone plug in, the Line output of the rear panel will be turned off.

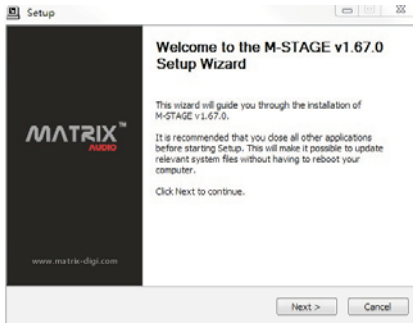
- Headphone protection

M-stage have the headphone protection function, the output have two-second delay after you turn on the M-stage, this can eliminate the impact on the headphone when power on. It also detects the output direct current voltage in working stage, when there appear a high direct current voltage which may damage your headphone , it will disconnect headphone immediately , effectively protect your headphones. Only the Output LED light up, the signal will be output to the headphones.

Driver Setup

- Install M-STAGE driver for windows.

Find and double click "setup.exe", click "Next".

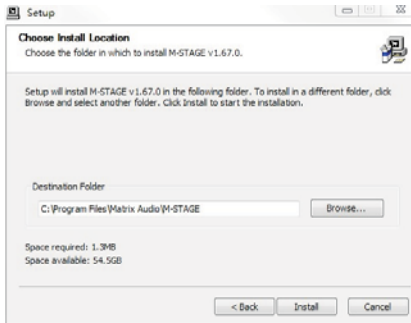


Please unplug and replug USB cable, click "Next".

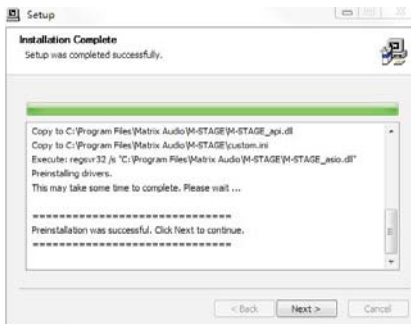


Driver Setup

Click "install" to start installing the driver.



Installation complete, click "Next".



Driver Setup

Click "Finish", installation is done.



- Native support Mac OS X 10.6.4 and above, goes to "SYSTEM PREFERENCES" and chooses the "Matrix Audio M-STAGE" to complete the settings.



Technical Specification

- Performance Specifications

Frequency Response:	10Hz (-0.3dB) to 35 kHz (-1dB)
SNR:	>95dB at 0dB Gain
Distortion:	<0.001% at 6mW/300 Ohms
Headphone Output Power:	200mW/300 Ohms, 400mW/60 Ohms
Headphone Output Impedance:	5 Ohms
Line Output:	60 Ohms
RCA input Impedance:	47 kOhms

- USB interface (USB model only)

Sampling rate: 16-24Bit /44.1kHz、 48kHz、 88.2kHz、 96kHz、 176.4kHz、 192kHz

System support: Windows XP/Vista/7/8/8.1 Need to install the driver

Mac OS X10.6.4 Native support Mac OS X10.6.4 above

- Power specifications

Power voltage: AC 100V-120V 50/60Hz AC 220V-240V 50/60Hz

Power consumption: <15W

Fuse specification: 5 x20mm AC250V/1A

Technical Specification

- Other specifications

Dimension: 280mm×115mm×50mm(L×W×H)

Including the protruding part.

Weight: 1.4kg

NOTE: For the purpose of improvement, specifications subject to changes without prior notice.

Customer Service

From the purchase date, we provide you one-year-limited warranty, warranty does not contain accessories.

Any fault caused by product quality problems during the warranty period, not include fault caused by wrong use, negligence, accidental damage and unauthorized modifications or replace components, we will provide free maintenance.

For more information, please visit www.matrix-digi.com.



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