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- › [MOOER](#) /
- › [MOOER Audiofile Headphone Amplifier Pedal Instruction Manual](#)

MOOER ME MHA 1

MOOER Audiofile Headphone Amplifier Pedal Instruction Manual

Model: ME MHA 1

1. PRODUCT OVERVIEW

The MOOER Audiofile is a professional headphone amplifier pedal designed for use with guitar and bass pedalboards. It utilizes an analog Class A amplification circuit to ensure instrument and effects maintain purity, warmth, and a high level of dynamics. This compact unit also functions as a signal boost or buffer when not used for headphone amplification.

2. KEY FEATURES

- Professional headphone amplifier with analog Class A amplification circuit.
- Stereo and Mono inputs, with stereo and mixed mono outputs.
- Optional built-in analog speaker cabinet simulation.
- Functions as a signal boost/buffer.
- True bypass for signal integrity when disengaged.

3. PACKAGE CONTENTS

- MOOER Audiofile Headphone Amplifier Pedal
- Instruction Manual

Note: A 9V DC power adapter (center negative) is required and sold separately.

4. CONTROLS AND CONNECTIONS





This image displays the MOOER Audiofile pedal from a top-down perspective, highlighting the Master volume knob, Input jack, Power switch, Bypass switch, Cab Sim switch, Stereo output, Mix Mono output, and DC 9V input.

- **DC 9V Input:** Connect a 9V DC power adapter (center negative).
- **Master Knob:** Adjusts the overall output volume.
- **Input Jack:** Connect your guitar or the output of your pedalboard here.

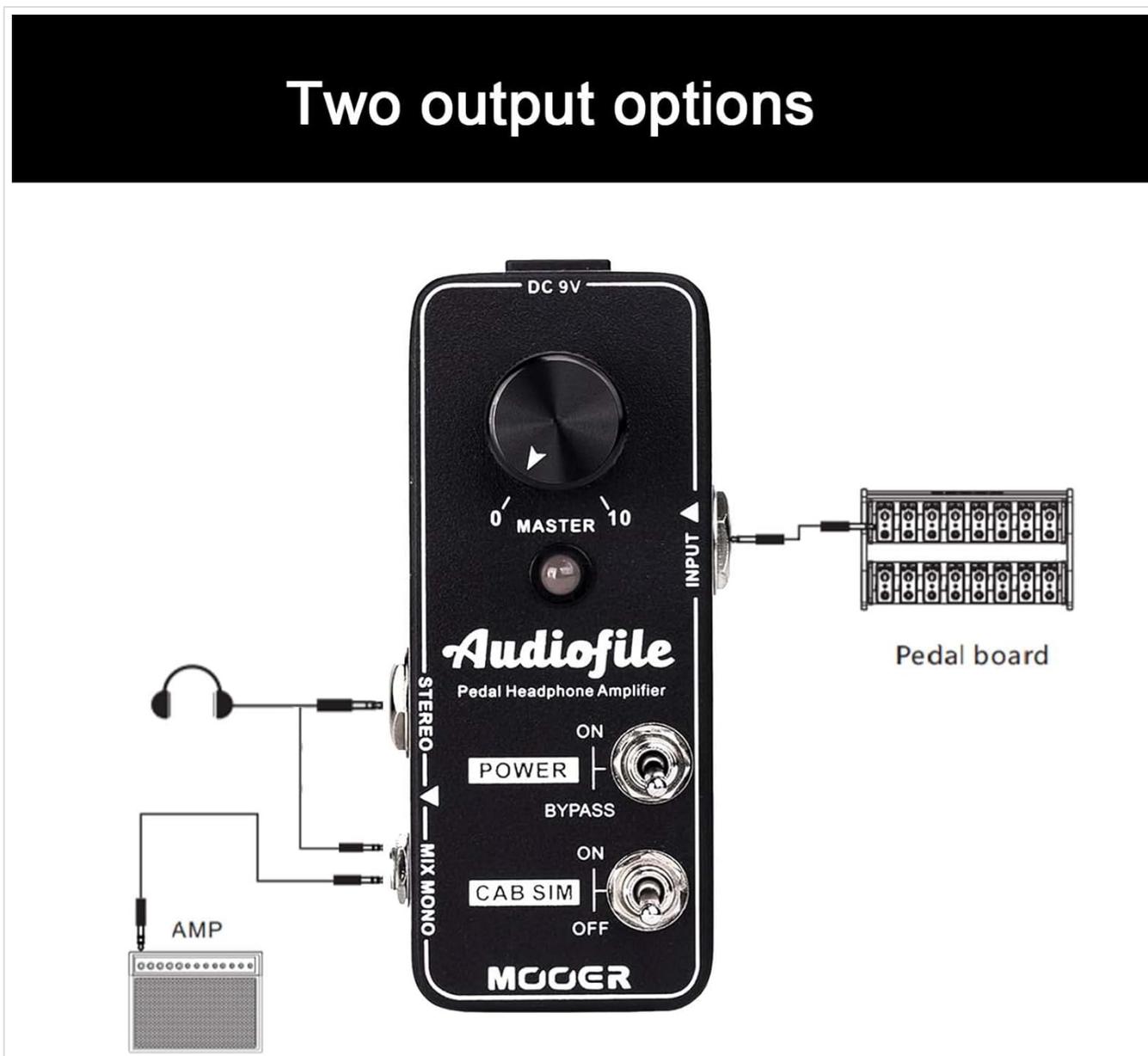
- **Power Switch:** Toggles the pedal's power on or off.
- **Bypass Switch:** Engages or disengages the pedal's effect. When bypassed, the signal passes through unaffected (true bypass).
- **Cab Sim Switch:** Activates or deactivates the built-in analog speaker cabinet simulation.
- **Stereo Output Jack:** Connect stereo headphones for monitoring.
- **Mix Mono Output Jack:** Connect to an amplifier or other mono audio device.

5. SETUP INSTRUCTIONS

5.1 Power Connection

1. Ensure the pedal's Power switch is in the 'OFF' position.
2. Connect a 9V DC (center negative) power adapter to the DC 9V input jack.
3. Plug the power adapter into a suitable power outlet.

5.2 Audio Connections



A diagram demonstrating how to connect the Audiofile pedal to headphones for silent practice or to an amplifier for use as a signal boost or buffer.

1. Connect your guitar or the output of your pedalboard to the 'Input' jack of the Audiofile pedal.
2. For headphone monitoring, connect your stereo headphones to the 'Stereo' output jack.

3. To use the pedal as a signal boost or buffer into an amplifier, connect the 'Mix Mono' output jack to your amplifier's input.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- To power on, flip the 'Power' switch to the 'ON' position. The LED indicator will illuminate.
- To power off, flip the 'Power' switch to the 'OFF' position.

6.2 Adjusting Volume

- Rotate the 'Master' knob clockwise to increase the output volume and counter-clockwise to decrease it.

6.3 Using Bypass Mode

- Flip the 'Bypass' switch to 'ON' to engage the pedal's active circuit.
- Flip the 'Bypass' switch to 'OFF' for true bypass, allowing your signal to pass through without processing.

6.4 Engaging Cabinet Simulation

- Flip the 'Cab Sim' switch to 'ON' to activate the analog speaker cabinet simulation, which is particularly useful for headphone monitoring.
- Flip the 'Cab Sim' switch to 'OFF' to bypass the cabinet simulation.

6.5 Using as a Buffer/Clean Boost

Buffer/Clean Boost



The MOOER Audiofile pedal is shown in a setup, emphasizing its function as a buffer or clean boost for your signal chain.

- When not used for headphone amplification, the Audiofile can be placed at the end of your pedal chain and connected to an amplifier via the 'Mix Mono' output.
- With the 'Bypass' switch 'ON', it acts as a clean boost, enhancing your signal.
- It also functions as a buffer, reducing signal loss over long cable runs or through multiple pedals.

7. MAINTENANCE

- Keep the pedal clean by wiping it with a soft, dry cloth.
- Avoid exposing the pedal to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or modify the pedal, as this will void the warranty and may cause damage.
- Always disconnect power when not in use or during cleaning.

8. TROUBLESHOOTING

8.1 No Sound Output

- Check if the power adapter is correctly connected and the pedal is powered on.
- Ensure all audio cables are securely connected to the correct input and output jacks.

- Verify that the 'Master' volume knob is turned up.
- Test with different cables, headphones, or instruments to isolate the issue.

8.2 Distorted or Unwanted Noise

- Ensure you are using a regulated 9V DC (center negative) power supply. Incorrect power can cause noise.
- Check cable connections for any loose or damaged cables.
- Adjust the 'Master' volume to an appropriate level; excessively high volume can cause distortion.
- If using other pedals, try connecting the Audiofile directly to your instrument and headphones to determine if another pedal is causing the noise.

9. SPECIFICATIONS

Item Weight	5.6 ounces (159 Grams)
Product Dimensions	0.39 x 0.39 x 0.39 inches
Item Model Number	ME MHA 1
Body Material	Bass Wood
Compatible Devices	Guitar
Connector Type	6.35mm Jack (1/4-inch Audio)
Signal Format	Analog
Power Source	AC adapter (9 Volts DC, center negative)

10. WARRANTY AND SUPPORT

MOOER products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your purchase or visit the official MOOER website. For technical support or service inquiries, please contact your local dealer or MOOER customer service.