MOOER Micro ABY MKII

Mooer Micro ABY MKII Guitar Effects Pedal User Manual

Model: Micro ABY MKII

1. Introduction

The MOOER Micro ABY MKII is a compact and versatile channel switch pedal designed for guitar and bass players. It allows you to manage your signal flow by switching between two inputs to one output, or one input to two outputs. This pedal is an essential tool for musicians looking to expand their routing options on a pedalboard.



Figure 1: The Mooer Micro ABY MKII Guitar Effects Pedal, a compact channel switch.

This manual provides detailed instructions on the setup, operation, maintenance, and troubleshooting of your Micro ABY MKII pedal to ensure optimal performance and longevity.

2. Key Features

- **A/B Box Reversible:** Allows switching between two inputs to one output, or one input to two outputs.
- **Compact Design:** Small footprint suitable for any pedalboard.
- **LED Indicators:**
  - Red LED: Indicates Channel A is active.
  - Blue LED: Indicates Channel B is active.
  - Pink LED: Indicates Channel Y (A&B) mode is active.
- **New A&B Mode (Mk2):** Enables simultaneous output to both channels (Y mode), ideal for running into two amplifiers concurrently.
- **Durable Metal Casing:** Built to withstand the rigors of live performance and frequent use.

3. Setup and Connections

The Micro ABY MKII requires a standard 9V DC power supply (center negative) to operate its LED indicators. While the pedal can pass signal without power, the LEDs will not illuminate. Ensure all connections are secure before powering on your equipment.

3.1 Power Connection

- Connect a 9V DC power adapter (not included) to the "DC IN" jack on the top of the pedal.
- Ensure the power supply is center negative.



Figure 2: Various views of the Micro ABY MKII, highlighting the DC IN port.

3.2 Signal Connections

The Micro ABY MKII offers flexible signal routing. The A and B jacks can serve as inputs or outputs, and the Y jack serves as the common connection.

Mode 1: Switching between two amplifiers (1 Instrument to 2 Amplifiers)

1. Connect your instrument (e.g., guitar) to the "Y" input jack.
2. Connect the "A" output jack to Amplifier A.
3. Connect the "B" output jack to Amplifier B.
4. Use the footswitch to toggle between Amplifier A and Amplifier B.

Mode 2: Switching between two instruments (2 Instruments to 1 Amplifier)

1. Connect Instrument A to the "A" input jack.
2. Connect Instrument B to the "B" input jack.
3. Connect the "Y" output jack to your amplifier.
4. Use the footswitch to toggle between Instrument A and Instrument B.

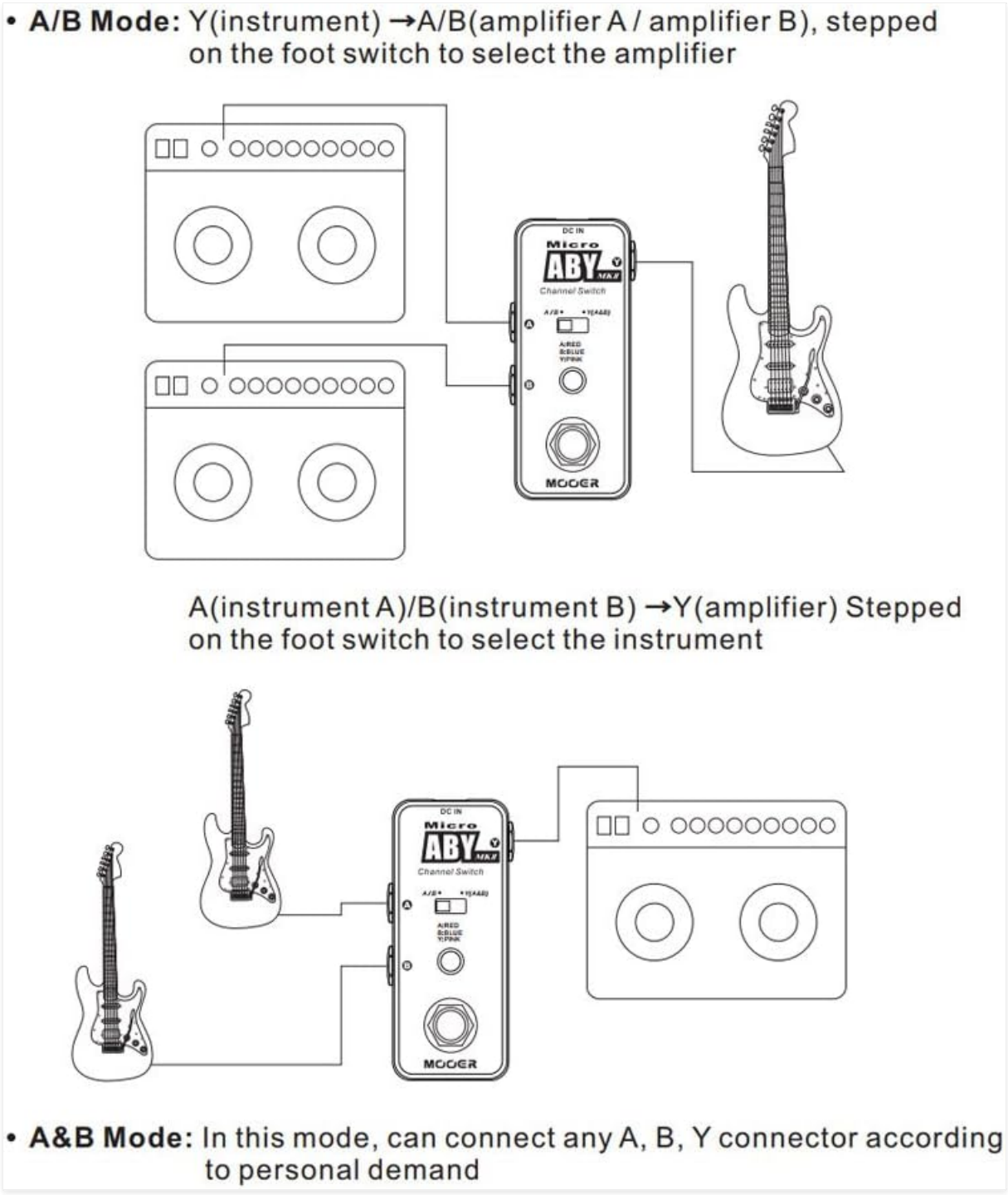


Figure 3: Diagrams illustrating typical connection setups for the Micro ABY MKII, including switching between amplifiers or instruments.

4. Operating the Pedal

The Micro ABY MKII features a single footswitch and a toggle switch for mode selection.

4.1 Footswitch Operation

- In A/B mode, press the footswitch to toggle between Channel A and Channel B.
- The corresponding LED (Red for A, Blue for B) will illuminate to indicate the active channel.

4.2 Mode Toggle Switch (A/B • Y(A&B))

The small toggle switch located above the footswitch selects the operational mode:

- **A/B Position:** In this position, the pedal functions as a traditional A/B switch. Pressing the footswitch alternates between Channel A and Channel B.
- **Y(A&B) Position:** This is the new mode for the MKII version. When set to Y(A&B), the pedal outputs the signal to both Channel A and Channel B simultaneously. The footswitch will not change the output in this mode; both A and B are active. The LED will illuminate pink to indicate this mode. This is particularly useful for running a single instrument into two amplifiers at all times.



Figure 4: Detailed view of the Micro ABY MKII's footswitch, mode toggle, and LED indicators.

5. Maintenance and Care

To ensure the longevity and proper functioning of your Mooer Micro ABY MKII pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners, solvents, or waxes, as

these can damage the finish and internal components.

- **Storage:** When not in use for extended periods, store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.
- **Protection:** Protect the pedal from excessive moisture, dust, and physical impact.
- **Power Supply:** Always use a regulated 9V DC power supply with center-negative polarity. Using an incorrect power supply can damage the unit and void the warranty.
- **Connections:** Periodically check all cable connections for wear and tear. Replace damaged cables to prevent signal loss or short circuits.

6. Troubleshooting

If you encounter issues with your Micro ABY MKII pedal, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No LED indication when powered.	Incorrect power supply, no power connected, or faulty power adapter.	Ensure a 9V DC center-negative power supply is connected and functioning. Check the power outlet.
No signal output.	Incorrect cable connections, faulty cables, or incorrect mode selection.	Verify all instrument and amplifier cables are correctly connected. Test cables. Ensure the toggle switch is in the desired A/B or Y(A&B) position.
Signal is weak or distorted.	Faulty cables, impedance mismatch (unlikely for passive ABY but possible with other gear), or issues with connected equipment.	Test the pedal with different cables and directly connected to your amplifier to isolate the issue. Ensure all other pedals in the chain are functioning correctly.
Footswitch does not change channels.	Pedal is in Y(A&B) mode, or footswitch malfunction.	Check the mode toggle switch. If it's in Y(A&B) mode, the footswitch will not change channels. Switch to A/B mode for channel switching. If the issue persists in A/B mode, contact support.

7. Specifications

Below are the technical specifications for the Mooer Micro ABY MKII Guitar Effects Pedal:



Figure 5: The Micro ABY MKII pedal with its approximate dimensions indicated.

Feature	Detail
Model	Micro ABY MKII
Item Weight	5.6 ounces (0.16 Kilograms)
Product Dimensions (L x W x H)	3.7 x 1.65 x 2.05 inches
Power Source	Corded Electric (9V DC, center negative)
Voltage	9 Volts
Signal Format	Analog
Color	Black, Silver

8. Warranty and Support

MOOER provides a warranty for its products. Based on available information, MOOER products typically come with a **2-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

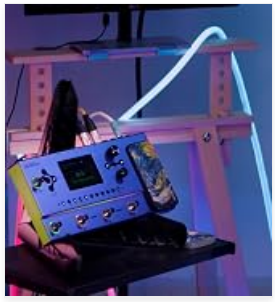


Figure 6: MOOER products are typically backed by a 2-year warranty.

For technical support, warranty service, or further inquiries, please visit the official MOOER website or contact their customer service department. You can also visit the MOOER Store on Amazon for additional product information and support resources.

Protection plans may also be available for purchase separately through retailers. For example, 3-Year and 4-Year protection plans are offered for this product.

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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