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› M-Audio SP-1 Universal Sustain Pedal Instruction Manual

M-Audio SP-1

M-Audio SP-1 Universal Sustain Pedal Instruction Manual

Brand: M-Audio | Model: SP-1

1. INTRODUCTION

The M-Audio SP-1 is a simple, compact, and sturdy sustain pedal designed for modern musicians and producers. It features a non-latching momentary switch action and a minimal design aesthetic, making it an ideal accompaniment for electronic keyboards, synthesizers, MIDI controllers, and drum machines.

This pedal is fully compatible with all M-Audio MIDI controllers that feature a sustain pedal input, including the KeyStation and Oxygen series. Its conformity with industry-standard connection methods and a conveniently built-in polarity switch ensure compatibility with most other brands of MIDI controllers and electronic keyboards.



Figure 1: M-Audio SP-1 Universal Sustain Pedal. This image shows the black pedal with its coiled hard-wired cable and 1/4-inch plug.

2. KEY FEATURES

- **Universal Compatibility:** Equipped with a built-in polarity switch, ensuring broad compatibility with various electronic musical instruments.
- **Seamless Integration:** Features a hard-wired 5-foot cable with a 1/4-inch phone plug for reliable connection to virtually all electronic keyboards, digital pianos, and MIDI controllers.
- **Durable Construction:** Designed with a robust and durable molded construction, making it suitable for frequent use and transport.
- **Stable Performance:** Includes a slip-resistant ridged footrest and bottom to prevent movement during performance.
- **Compact and Portable:** Its small footprint and lightweight design (8 ounces) make it easy to transport and set up.



Figure 2: Built-in Polarity Switch. This image highlights the polarity switch, indicating compatibility with electric keyboards, MIDI controllers, and digital pianos.

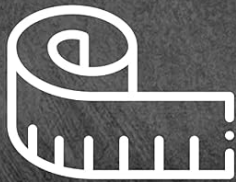


Figure 3: Sturdy Non-Slip Bottom and Footpad. This image shows both the top ridged footpad and the non-slip textured bottom of the pedal.

3. SETUP

1. **Locate Sustain Input:** Identify the 1/4-inch sustain pedal input on your electronic keyboard, digital piano, synthesizer, or MIDI controller. This port is typically labeled "Sustain" or "Pedal".
2. **Connect the Pedal:** Insert the 1/4-inch phone plug of the M-Audio SP-1 pedal firmly into the sustain input port of your instrument.
3. **Adjust Polarity (if necessary):** The SP-1 features a polarity switch located on the side of the pedal. If the sustain effect is inverted (e.g., sustain is on when the pedal is up, and off when pressed down), flip this switch to the opposite position. Test the pedal to ensure correct operation.
4. **Position the Pedal:** Place the pedal on a stable surface, such as the floor, ensuring the non-slip bottom provides adequate grip to prevent sliding during use.

HARD WIRED CABLE



5-foot
with 1/4-inch phone plug



Figure 4: Hard-wired Cable. This image illustrates the 5-foot hard-wired cable with its 1/4-inch phone plug, ready for connection.

4. OPERATION

The M-Audio SP-1 functions as a momentary sustain pedal. When the pedal is pressed down, it sends a signal to your instrument to sustain the notes being played. When the pedal is released, the sustain effect is disengaged.

- **Press and Hold:** To sustain notes, press and hold the pedal down while playing.
- **Release:** Release the pedal to stop the sustain effect.
- **Non-Latching Action:** The pedal is non-latching, meaning it only sustains notes while physically held down.

EXPAND YOUR CONTROL



Figure 5: Foot on Pedal. This image shows a foot positioned on the M-Audio SP-1 pedal, demonstrating its intended use.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the pedal. Avoid using abrasive cleaners or solvents, as these may damage the finish.
- **Storage:** Store the pedal in a dry environment, away from extreme temperatures and direct sunlight.
- **Cable Care:** Avoid kinking or sharply bending the cable. When coiling the cable for storage, do so loosely to prevent internal wire damage.
- **Water Exposure:** The pedal is not water-resistant. Keep it away from liquids to prevent damage to internal components.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pedal does not sustain notes.	Incorrect polarity setting.	Locate the polarity switch on the side of the pedal and flip it to the opposite position. Test again.
Sustain is always on or inverted.	Incorrect polarity setting or instrument power-on sequence.	First, try flipping the polarity switch. If the issue persists, power off your instrument, unplug the sustain pedal, plug it back in, and then power on your instrument. This can reset the instrument's recognition of the pedal's state.
Pedal slides during use.	Insufficient grip on the floor surface.	Ensure the pedal is placed on a clean, dry surface. The non-slip bottom is designed to provide stability, but extremely smooth or dusty surfaces may reduce grip.
No response from pedal.	Cable not fully inserted or damaged.	Ensure the 1/4-inch plug is fully inserted into the instrument's sustain input. Inspect the cable for any visible damage. If damaged, contact M-Audio support.

7. SPECIFICATIONS

Feature	Detail
Model Name	SP-1
Connectivity Technology	Wired (1/4-inch TS plug)
Cable Length	5 feet (approx. 1.5 meters)
Material	Plastic
Item Weight	8 ounces (approx. 227 grams)
Product Dimensions (L x W x H)	6.5 x 6 x 3 inches (approx. 16.5 x 15.2 x 7.6 cm)
Water Resistance Level	Not Water Resistant
Compatibility	Universal for electronic musical instruments with 1/4-inch sustain input (e.g., MIDI keyboards, digital pianos, synthesizers, drum machines)
Switch Type	Non-latching momentary switch
Polarity Switch	Yes, built-in

PORTABLE AND COMPACT

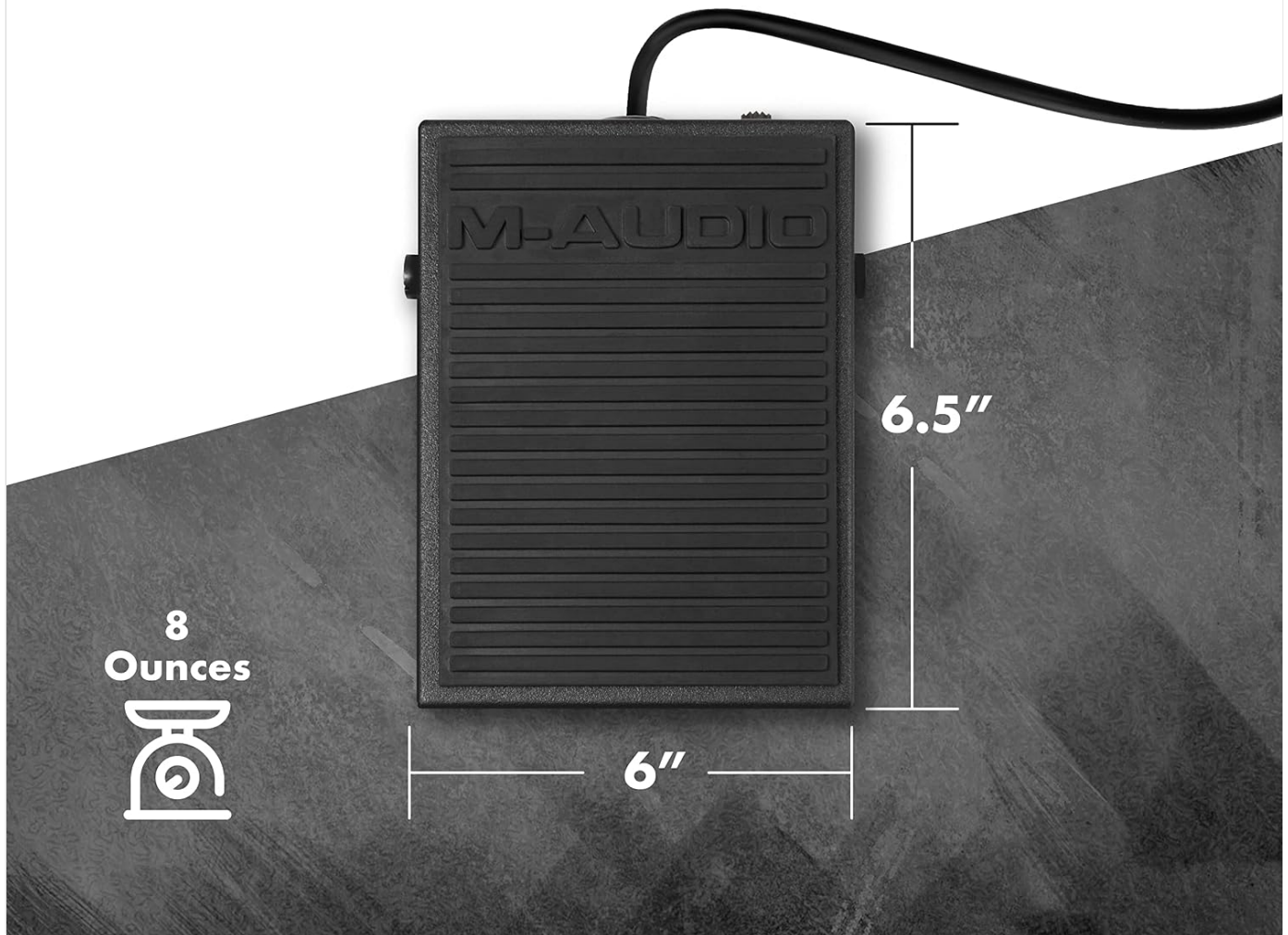


Figure 6: Compact Design. This image illustrates the compact size and lightweight nature of the M-Audio SP-1 pedal, showing its dimensions (6.5" x 6") and weight (8 ounces).

8. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official M-Audio website or contact M-Audio customer service. Keep your proof of purchase for warranty claims.

Official M-Audio Website: www.m-audio.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

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

Details

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

Submit question