

Niles DPS1

Niles DPS1 Amplifier/Speaker A-B Selector User Manual

Model: DPS1

INTRODUCTION

The Niles DPS1 Amplifier/Speaker A-B Selector is a passive device designed to allow users to connect two stereo amplifiers to a single pair of loudspeakers, or to connect a single stereo amplifier to two different pairs of loudspeakers. This selector provides a convenient way to switch between audio sources or speaker outputs without the need for re-wiring, ensuring a clean and reliable audio signal path.



Front view of the Niles DPS1 Amplifier/Speaker A-B Selector, showing its compact black enclosure and the prominent A-B toggle switch.

IMPORTANT SAFETY INFORMATION

- Do not expose the unit to moisture or extreme temperatures.
- Ensure all connections are secure before operating the device.
- This is a passive device and does not require external power. Do not attempt to connect it to a power source.
- Avoid connecting both amplifiers simultaneously to the same speakers, as this may damage your equipment. The A-B selector is designed to prevent this when used correctly.

- Use appropriate gauge speaker wire. The connectors accommodate up to 14 gauge wire.

PACKAGE CONTENTS

Please check the package for the following items:

- Niles DPS1 Amplifier/Speaker A-B Selector Unit
- User Manual (this document)

SETUP

The Niles DPS1 is a table-top unit designed for easy integration into your audio system. Follow these steps for proper connection:

1. **Identify Connections:** On the rear of the DPS1 unit, you will find screw terminals for two amplifier inputs (labeled 'A' and 'B') and one speaker output (labeled 'Common'). Each input/output has terminals for Left (+) and (-), and Right (+) and (-).
2. **Prepare Speaker Wire:** Strip approximately 1/4 inch (6mm) of insulation from the ends of your speaker wires. Ensure the wire strands are tightly twisted. The connectors accommodate speaker wire up to 14 gauge. For thicker wires, you may need to carefully trim some strands to fit.
3. **Connect Speakers:** Connect your single pair of loudspeakers to the 'Common' output terminals. Ensure correct polarity (positive to positive, negative to negative) for both left and right channels. Use a small slotted screwdriver (slightly larger than an eyeglasses screwdriver) to secure the wires firmly.
4. **Connect Amplifiers:**
 - Connect the speaker outputs from your first amplifier to the 'A' input terminals on the DPS1. Observe correct polarity.
 - Connect the speaker outputs from your second amplifier to the 'B' input terminals on the DPS1. Observe correct polarity.
5. **Placement:** Position the DPS1 in a convenient location, ensuring adequate ventilation and access to the front panel switch. The unit is sturdy and can be stacked if multiple units are used.

Note on Multi-Channel Systems: The Niles DPS1 handles two channels (stereo) per unit. For multi-channel systems (e.g., 5.1 surround sound), you will require multiple DPS1 units. For a 5.1 system, three units would typically be needed: one for front left/right, one for surround left/right, and one for center/subwoofer (if the subwoofer is connected via speaker-level inputs). Ensure consistent wiring and polarity across all units.

OPERATING INSTRUCTIONS

Using the Niles DPS1 is straightforward:

1. **Power On:** Ensure both connected amplifiers are powered on and set to a low volume level.
2. **Select Source:** Use the toggle switch on the front panel of the DPS1 to select either 'A' or 'B'.
 - When the switch is set to 'A', the loudspeakers will receive the audio signal from Amplifier A.
 - When the switch is set to 'B', the loudspeakers will receive the audio signal from Amplifier B.
3. **Adjust Volume:** Once the desired amplifier is selected, slowly increase its volume to your preferred listening level.

Important: The DPS1 is designed to prevent both amplifiers from being connected to the speakers simultaneously. Only one input (A or B) can be active at any given time.

MAINTENANCE

The Niles DPS1 requires minimal maintenance:

- **Cleaning:** Wipe the unit with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Connections:** Periodically check all wire connections to ensure they remain secure. Loose connections can lead to poor sound quality or intermittent audio.
- **Environment:** Keep the unit in a dry, cool place, away from direct sunlight, heat sources, and excessive dust.

TROUBLESHOOTING

If you experience issues with your Niles DPS1, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers.	Incorrect amplifier selected, loose wire connections, amplifier not powered on or muted.	Ensure the DPS1 switch is set to the correct amplifier (A or B). Check all speaker wire connections at the DPS1, amplifiers, and speakers. Verify amplifiers are powered on and not muted.
Distorted or poor sound quality.	Loose or incorrect wire connections, incorrect polarity.	Check all wire connections for tightness and correct polarity (+ to +, - to -). Ensure no stray wire strands are shorting connections.
Only one channel (left or right) has sound.	Loose connection for the silent channel, incorrect wiring.	Inspect the wiring for the affected channel at the DPS1, amplifier, and speaker. Ensure the wire is securely connected and not broken.

If the problem persists after trying these solutions, please contact customer support.

SPECIFICATIONS

Model Number	DPS1
Product Dimensions	3.7 x 6.2 x 2.8 inches (9.4 x 15.7 x 7.1 cm)
Item Weight	1.9 pounds (0.86 kg)
Power Handling	350 watts per channel
Wire Gauge Compatibility	Up to 14 gauge
Color	Black
Type	Passive Amplifier/Speaker A-B Selector

WARRANTY INFORMATION

Niles products are manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Niles website. Keep your purchase receipt as proof of purchase for any warranty claims.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Niles DPS1, please contact Niles customer support through their official website or the contact information provided in your product packaging. Please have your model number (DPS1) and purchase details ready when contacting support.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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