

Pyle PSS4

Pyle PSS4 4-Channel High Power Stereo Speaker Selector Manual

Model: PSS4

Brand: Pyle

1. INTRODUCTION

The Pyle PSS4 is a 4-channel high power stereo speaker selector designed to manage audio distribution from a single stereo amplifier to up to four pairs of speakers. This device allows users to select which speaker pairs are active, either individually or in combination, providing flexibility in multi-room audio setups. It includes a protection circuit to help maintain a safe impedance load for your amplifier.

2. IMPORTANT SAFETY INFORMATION

- Read all instructions carefully before operating the device.
- Do not expose this unit to rain or moisture.
- Ensure all connections are secure and correct before powering on your amplifier.
- Always use speaker wire of appropriate gauge (up to 14-gauge recommended) for optimal performance and safety.
- Do not exceed the maximum power handling capacity of 100 watts per channel.
- Ensure your speaker systems have a minimum impedance of 8 Ohms when using the protection feature.

3. PACKAGE CONTENTS

Please check that the following items are included in your package:

- Pyle PSS4 4-Channel High Power Stereo Speaker Selector Unit
- User Manual (this document)

4. PRODUCT FEATURES

- Connects up to 4 separate speaker pairs to your stereo system.
- Accepts speaker wires up to 14-gauge.
- Handles 100 watts per channel with speaker systems that have a minimum impedance of 8 Ohms.
- Integrated protection circuitry for safe amplifier operation.

5. SETUP AND CONNECTIONS

Follow these steps to correctly connect your Pyle PSS4 speaker selector to your stereo amplifier and speakers.

5.1 Connection Diagram

Play Any Combination

Play Any Sets of Speakers at Once



Figure 1: Connection diagram for the Pyle PSS4 with a stereo receiver and four speaker pairs.

This diagram illustrates how to connect your stereo receiver to the PSS4 unit, and then how the PSS4 distributes the audio signal to up to four distinct speaker zones.

5.2 Rear Panel Connections

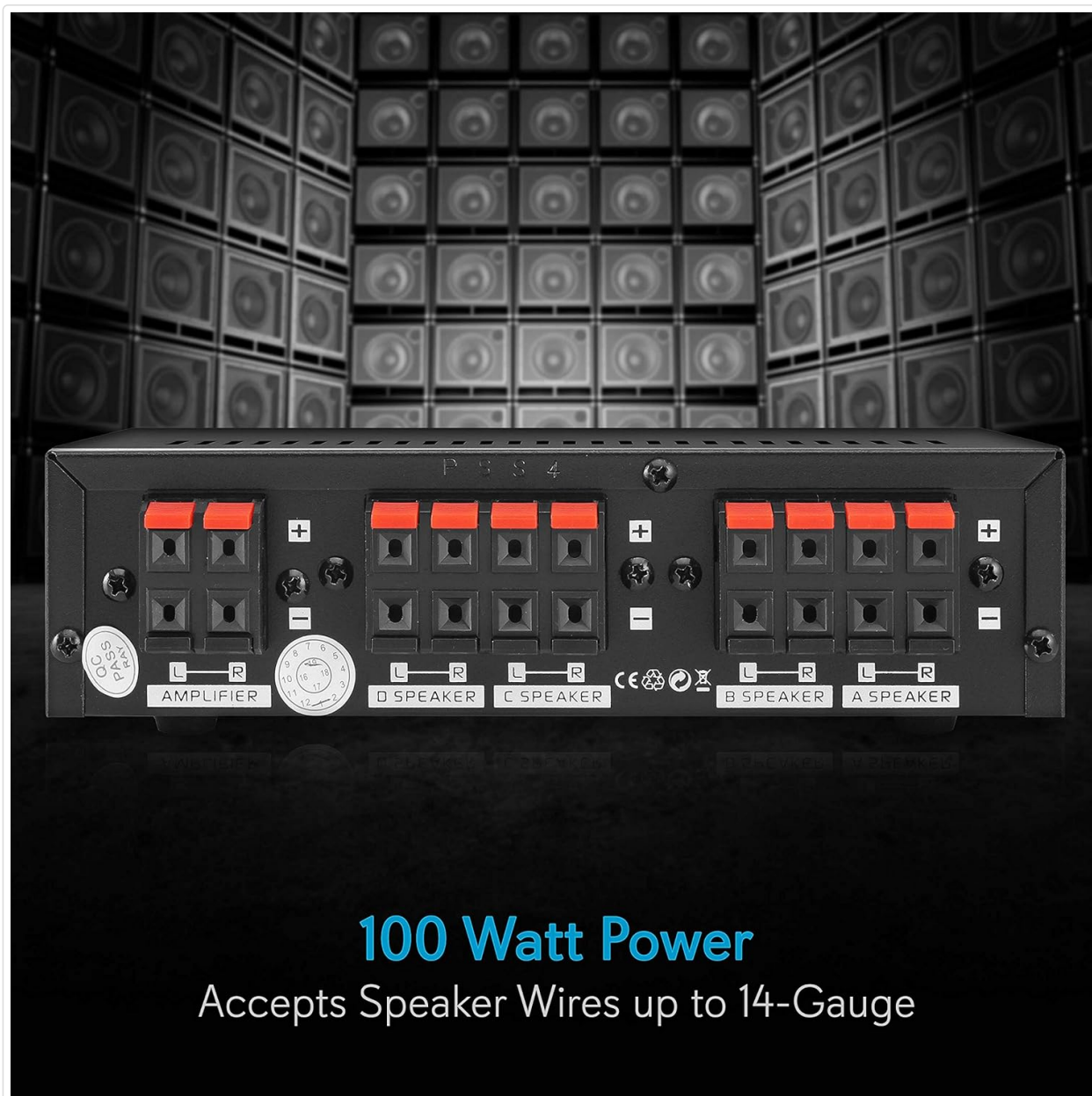


Figure 2: Rear panel of the Pyle PSS4 with clearly labeled input and output terminals.

The rear panel features terminals for connecting your amplifier and up to four pairs of speakers. Ensure proper polarity (+ to + and - to -) for all connections.

5.3 Wiring Instructions

1. **Prepare Speaker Wires:** Strip approximately 1/2 inch (1.25 cm) of insulation from the ends of your speaker wires. Twist the bare strands tightly to prevent stray wires.
2. **Connect Amplifier to PSS4:** Connect the speaker output terminals of your stereo amplifier to the 'AMPLIFIER' input terminals on the rear of the PSS4. Match the left (+) and (-) terminals from your amplifier to the 'AMPLIFIER L (+)' and 'AMPLIFIER L (-)' on the PSS4, and similarly for the right channel.
3. **Connect Speakers to PSS4:** Connect each pair of speakers to the corresponding 'A SPEAKER', 'B SPEAKER', 'C SPEAKER', and 'D SPEAKER' output terminals on the PSS4. Again, ensure correct polarity for each speaker.
4. **Verify Connections:** Double-check all connections to ensure they are secure and that no bare wires are touching, which could cause a short circuit.

5.4 Video Guide: How a Speaker Selector Works

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Video demonstrating the connection process and the function of the protection button on a speaker selector, explaining how it safeguards your amplifier when running multiple speaker pairs.

This video provides a visual guide on how to connect a speaker selector and highlights the importance of the protection feature for amplifier safety, especially when connecting multiple speaker pairs.

6. OPERATING INSTRUCTIONS

The PSS4 is designed for simple operation.

6.1 Selecting Speaker Pairs

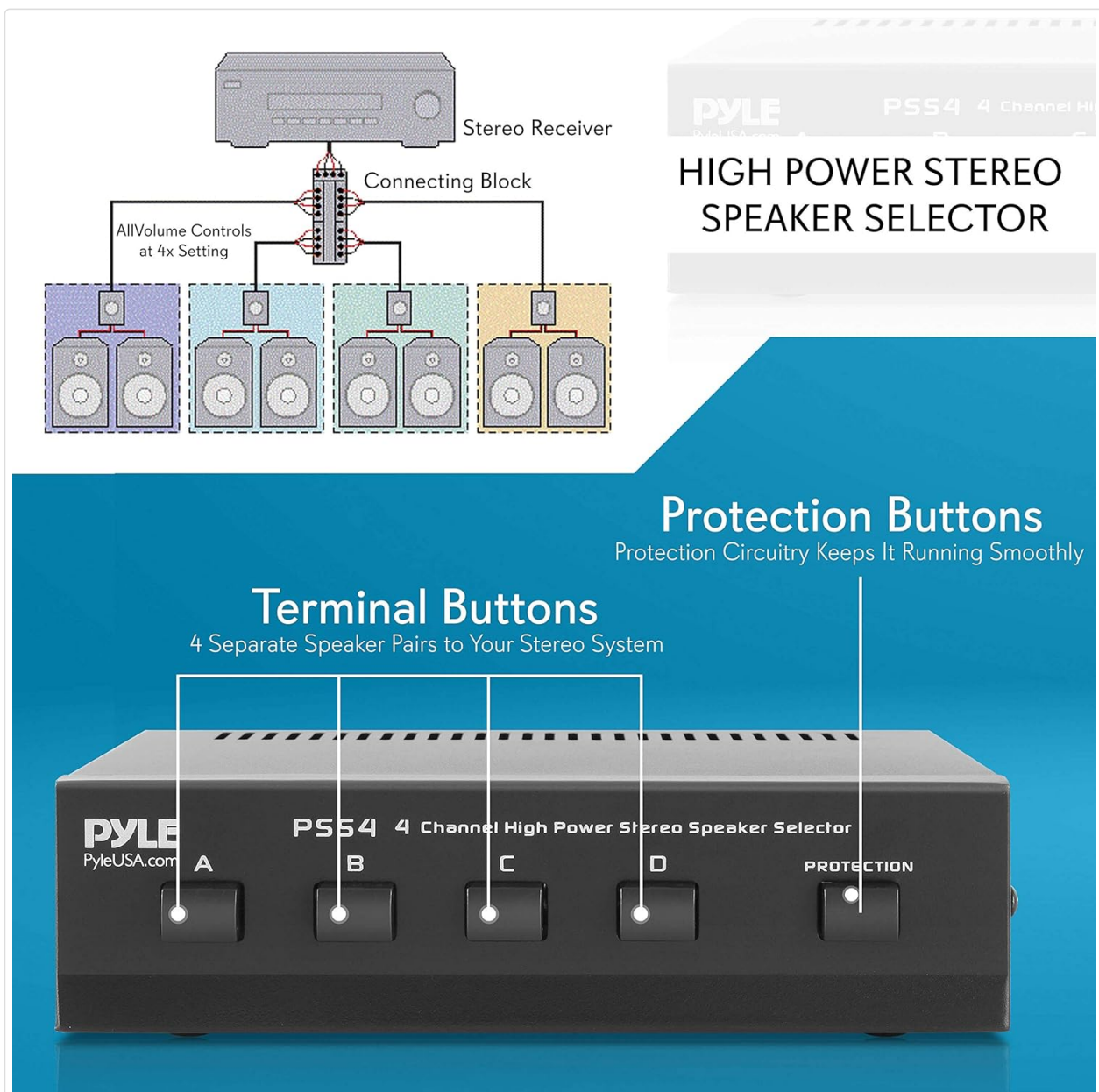


Figure 3: Front panel of the Pyle PSS4 showing the channel selection buttons and the protection button.

On the front panel, you will find four buttons labeled A, B, C, and D. Each button corresponds to a pair of speakers connected to the respective terminals on the rear panel.

- To activate a speaker pair, press its corresponding button (A, B, C, or D). The button will remain depressed to indicate it is active.
- To deactivate a speaker pair, press its button again. The button will release.
- You can activate any combination of speaker pairs simultaneously.

6.2 Using the Protection Feature

The PSS4 includes a 'PROTECTION' button on the front panel. This feature is crucial for safeguarding your amplifier when multiple speaker pairs are active.

- When the 'PROTECTION' button is engaged (pressed in), it activates internal circuitry that helps maintain a safe impedance load for your amplifier, even when multiple speaker pairs are playing. This prevents your amplifier from being overstressed.
- When the 'PROTECTION' button is disengaged (released), the protection circuitry is bypassed. While this might result in slightly louder audio in some configurations, it increases the risk of damaging your amplifier if the combined impedance of active speakers falls below safe levels.
- It is recommended to keep the 'PROTECTION' feature engaged, especially when running more than one pair of speakers, to ensure the longevity of your amplifier.

6.3 Video Guide: Pyle 4-Zone Channel Speaker Switch Selector Overview

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Video providing an overview of the Pyle 4-Zone Channel Speaker Switch Selector, demonstrating its features and basic operation.

This video offers a general overview of the Pyle PSS4, showcasing its design and how to interact with its controls for speaker selection.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosol sprays.
- **Ventilation:** Ensure the unit has adequate ventilation. Do not block any ventilation openings.
- **Connections:** Periodically check all speaker wire connections to ensure they remain tight and free of corrosion.

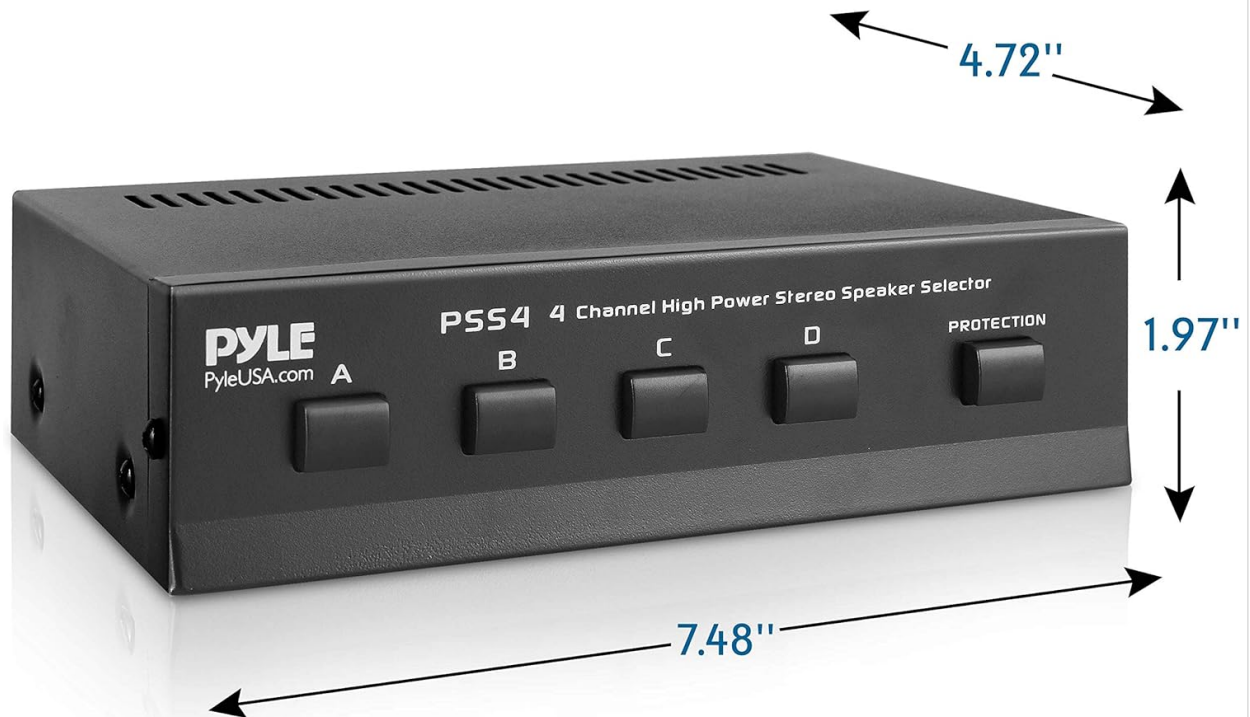
8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from speakers.	Incorrect wiring. Speaker selector not engaged. Amplifier not powered on or input selected.	Check all speaker wire connections for correct polarity and secure fit. Ensure the corresponding speaker channel button (A, B, C, or D) is pressed in. Verify your amplifier is on and the correct audio input is selected.
Distorted or low volume sound.	Loose connections. Protection feature engaged with low impedance speakers. Amplifier power insufficient.	Check all speaker wire connections. Ensure your speakers meet the 8 Ohm minimum impedance requirement when protection is active. If using lower impedance speakers, consider disengaging protection at your own risk or upgrading your amplifier. Ensure your amplifier has sufficient power for the number of speakers connected.
Amplifier overheating.	Protection feature disengaged with too many low impedance speakers.	Engage the 'PROTECTION' button. Reduce the number of active speaker pairs. Ensure speakers meet the 8 Ohm minimum impedance.

9. SPECIFICATIONS

Dimensions



Weight: 2.09 lbs.

Figure 4: Dimensions of the Pyle PSS4 unit.

- **Model:** PSS4
- **Channels:** 4 (supports up to 4 pairs of speakers)
- **Power Handling:** 100 Watts per channel
- **Minimum Speaker Impedance:** 8 Ohms (with protection engaged)
- **Speaker Wire Gauge:** Up to 14-gauge
- **Dimensions (W x H x D):** 7.48" x 1.97" x 4.72" inches
- **Weight:** 584 Grams
- **Color:** Black

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Pyle website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

