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## Pyle PSS6

# Pyle PSS6 6-Channel Stereo Speaker Selector User Manual

Model: PSS6

## 1. INTRODUCTION AND OVERVIEW

The Pyle PSS6 is a versatile 6-channel high-power stereo speaker selector designed to efficiently distribute audio from a single stereo amplifier to up to six distinct pairs of speakers. This unit provides seamless control over your home audio system, allowing you to manage multiple speaker zones with ease. Its robust design ensures reliable performance and protection for your connected equipment.



Figure 1.1: Pyle PSS6 6-Channel Stereo Speaker Selector.

Video 1.1: Product Overview of the Pyle PSS6 Speaker Selector. This video demonstrates the physical appearance and basic functionality of the unit.

## 2. PRODUCT FEATURES

The Pyle PSS6 is engineered with features to enhance your audio distribution experience:

- **Multi-Zone Audio Distribution:** Connect and control up to six separate pairs of speakers from a single stereo amplifier.
- **High Power Handling:** Capable of handling up to 100 Watts per channel, ensuring compatibility with a wide range of audio systems.
- **Wide Wire Compatibility:** Accepts speaker wires up to 14-gauge, providing flexibility for various wiring setups.
- **Minimum Impedance:** Designed for speaker systems with a minimum impedance of 8 Ohms.
- **Protection Circuitry:** Integrated circuitry safeguards your amplifier and speakers from potential damage due to impedance fluctuations or overload, ensuring smooth operation.
- **Individual On/Off Switches:** Each speaker input features a dedicated on/off switch for precise control over individual zones.
- **Broad Frequency Response:** Delivers a frequency response of 20Hz-20KHz for clear and accurate audio reproduction.

## PRODUCT features



Figure 2.1: Key Product Features of the Pyle PSS6, highlighting power handling, wire gauge acceptance, and protection circuitry.



## IMPEDANCE PROTECTION

Prevents Amplifier from Damaging Low Impedance Loads

Figure 2.2: The PSS6 features impedance protection to prevent damage to your amplifier from low impedance loads.

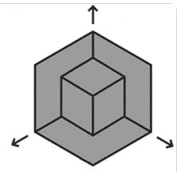
### 3. PACKAGE CONTENTS

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Upon opening the package, please ensure all items are present and in good condition:

- 1 x Pyle PSS6 6-Channel Stereo Speaker Selector Unit
- 1 x User Manual (this document)

What's in the  
**BOX?**



**PSS6**  
**6 Channel High Power Stereo Speaker Selector**  
100-Watt Power, Accepts Speaker Wires Up to 14-Gauge



Figure 3.1: What's in the Box - The Pyle PSS6 unit and accompanying user manual.

## 4. SETUP AND CONNECTIONS

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Follow these steps to properly set up your Pyle PSS6 speaker selector:

## FRONT PANEL



## BACK PANEL

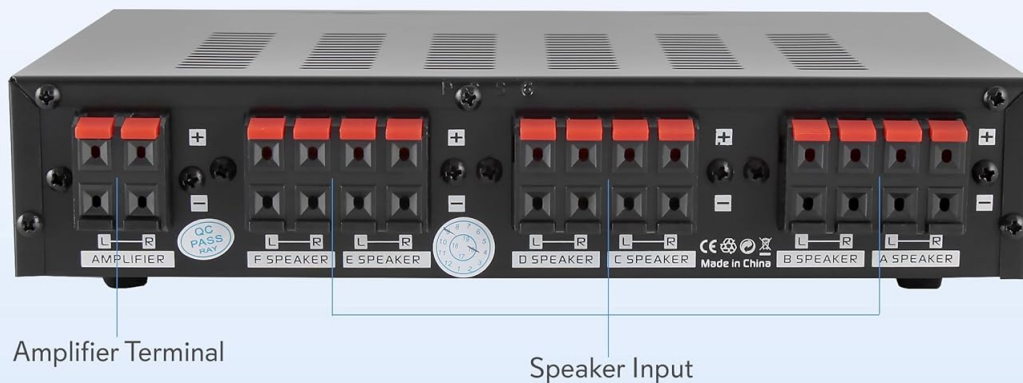


Figure 4.1: Front and Back Panel Layout of the Pyle PSS6, showing terminal buttons, protection button, amplifier terminal, and speaker inputs.

1. **Power Off:** Ensure your stereo amplifier and all audio equipment are turned off and unplugged from the power outlet before making any connections.
2. **Connect Amplifier:** Locate the speaker output terminals on your stereo amplifier. Connect the left and right speaker outputs from your amplifier to the **Amplifier Terminal** inputs on the back of the PSS6 unit. Ensure correct polarity (+ to + and - to -).
3. **Connect Speakers:** Connect each pair of speakers to the corresponding **Speaker Input** terminals (A, B, C, D, E, F) on the back of the PSS6. Again, observe correct polarity for each speaker. The PSS6 accepts speaker wires up to 14-gauge.
4. **Secure Connections:** Ensure all wire connections are secure and free from stray strands that could cause short circuits.
5. **Placement:** Place the PSS6 unit in a well-ventilated area, away from direct sunlight, heat sources, and moisture.

## PLUG AND PLAY

passively powered by your stereo – only need to plug in the wires.



Figure 4.2: The Pyle PSS6 is a passively powered, plug-and-play device, requiring only speaker wire connections.

## 5. OPERATING INSTRUCTIONS

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Once the PSS6 is connected, operating it is straightforward:

1. **Power On:** Plug in and power on your stereo amplifier.
2. **Select Speaker Zones:** On the front panel of the PSS6, press the corresponding buttons (A, B, C, D, E, F) for the speaker pairs you wish to activate. You can select one or multiple zones simultaneously.
3. **Protection Button:** The 'PROTECTION' button on the front panel activates or deactivates the protection circuitry. It is recommended to keep this engaged to safeguard your equipment. If the protection circuit is triggered (e.g., due to an overload), all speaker outputs will be temporarily disconnected. Reduce the volume or number of active speakers, then press the 'PROTECTION' button to reset.
4. **Adjust Volume:** Control the overall volume through your stereo amplifier.



## PLAY ANY COMBINATION SETS OF SPEAKERS AT ONCE

great help for controlling Wall Speakers  
Home theater, Loud speakers and more.

Figure 5.1: The Pyle PSS6 allows you to play any combination of speaker sets at once, ideal for multi-room audio.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your Pyle PSS6, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosol sprays, as they may damage the finish or internal components.
- **Ventilation:** Ensure the ventilation slots on the unit are not blocked to prevent overheating.
- **Environment:** Keep the unit in a dry environment, away from excessive dust, moisture, and extreme temperatures.
- **Connections:** Periodically check all speaker wire connections to ensure they remain secure and free from corrosion.

## 7. TROUBLESHOOTING

If you encounter issues with your Pyle PSS6, refer to the following common problems and solutions:

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
No sound from speakers.	Speaker zone not selected; incorrect wiring; amplifier off; protection circuit engaged.	Ensure the correct speaker button (A-F) is pressed. Check all speaker wire connections for correct polarity and secure fit. Verify amplifier is powered on and playing audio. Press the 'PROTECTION' button to reset if engaged.
Distorted or low sound.	Incorrect wiring; speaker impedance mismatch; amplifier overload.	Double-check all wiring for proper polarity and secure connections. Ensure your speakers meet the 8 Ohm minimum impedance requirement. Reduce the number of active speaker pairs or lower the amplifier volume.
Protection circuit frequently engages.	Too many speakers connected; low impedance speakers; amplifier output too high.	Verify that the total impedance of active speakers does not fall below 8 Ohms. Reduce the number of active speaker pairs. Lower the volume on your amplifier. Ensure speaker wires are not shorting.

## 8. SPECIFICATIONS

Specification	Detail
Model Number	PSS6
Channels	6 (for 6 pairs of speakers)
Power Handling	Up to 100 Watts per Channel
Minimum Impedance	8 Ohms
Frequency Response	20Hz-20KHz
Speaker Wire Gauge	Up to 14-Gauge
Product Dimensions (W x H x D)	9.05" x 1.85" x 5.90" (23 x 4.7 x 15 cm)
Item Weight	4 ounces (0.11 kg)
Color	Black
Connector Type	RCA (Note: This seems to be a general specification, the product uses push-type terminals for speaker wire)
Manufacturer	Sound Around
Country of Origin	China

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or any inquiries regarding your Pyle PSS6 6-Channel Stereo Speaker Selector, please visit the official Pyle website or contact their customer service department. Keep your purchase receipt for warranty claims.