Monoprice 139067

Monoprice SS-Pro 12 High Power Dual Source Speaker Selector User Manual

Model: 139067

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Monoprice SS-Pro 12 High Power Dual Source Speaker Selector. Please read this manual thoroughly before using the device to ensure proper functionality and safety.
The Monoprice SS-Pro 12 is designed to manage audio distribution from two amplifier sources to up to twelve pairs of speakers, incorporating impedance matching to protect your amplifier.

2. FEATURES

- Supports up to 12 pairs of speakers or 12 listening zones.

- Dual amplifier source selection (A/B switch).

- Audiophile-grade impedance-matching transformers for amplifier protection.

- Withstands up to 300 watts peak power per channel.

- Front panel push-buttons for individual zone control.

- Easily removable snap-in connectors for speaker wire termination.

- Rear panel rotary switch for impedance adjustment based on connected speaker pairs.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- 1x Monoprice SS-Pro 12 Speaker Selector

- 1x User Manual (this document)

- 6x Shingle Clips

- 2x Spacers

4. SETUP AND CONNECTIONS

Before making any connections, ensure all audio equipment is powered off and unplugged from the wall outlet.

4.1 Front Panel Overview

Figure 4.1: Front panel of the Monoprice SS-Pro 12. Shows the "AMP A/B" selector button and twelve individual speaker zone buttons labeled 1 through 12.

1. **AMP A/B Button:** Selects between Amplifier A and Amplifier B inputs.

2. **Speaker Zone Buttons (1-12):** Activates or deactivates the corresponding speaker pair.

4.2 Rear Panel Overview

Figure 4.2: Rear panel of the Monoprice SS-Pro 12. Shows input terminals for two amplifiers (AMP A, AMP B), output terminals for twelve speaker pairs (PAIR 1-12), and a rotary switch for "NUMBER OF SPEAKER PAIRS" with settings 3-4, 5-8, 9-12.

1. **Amplifier Inputs (AMP A, AMP B):** Connect your amplifier outputs here. Use high-quality speaker wire.

2. **Speaker Outputs (PAIR 1-12):** Connect your speaker pairs here. Ensure correct polarity (+ to + and - to -).

3. **Number of Speaker Pairs Rotary Switch:** Adjust this switch to match the total number of speaker pairs you intend to connect and use simultaneously. Settings typically include 3-4, 5-8, and 9-12. This setting is crucial for proper impedance matching and amplifier protection.

4.3 Connection Procedure

1. **Prepare Speaker Wires:** Strip approximately 1/2 inch (1.2 cm) of insulation from the ends of all speaker wires.

2. **Connect Amplifiers:** Connect the speaker outputs from your primary amplifier to the "AMP A" inputs on the SS-Pro 12. If using a second amplifier, connect its outputs to the "AMP B" inputs. Ensure correct polarity. The snap-in connectors allow for easy and secure wire termination.

3. **Connect Speakers:** Connect each pair of speakers to the corresponding "PAIR" outputs (e.g., Living Room speakers to PAIR 1, Kitchen speakers to PAIR 2, etc.). Maintain correct polarity for each connection.

4. **Set Impedance Switch:** On the rear panel, set the "NUMBER OF SPEAKER PAIRS" rotary switch to the position that corresponds to the total number of speaker pairs you will be using. For example, if you plan to use 6 pairs of speakers, set the switch to "5-8".

5. **Power On:** Once all connections are secure, plug in and power on your amplifiers and audio sources.

5. OPERATING INSTRUCTIONS

The Monoprice SS-Pro 12 is designed for straightforward operation.

1. **Select Amplifier Source:** Press the **AMP A/B** button on the front panel to toggle between Amplifier A and Amplifier B as your audio source. The selected amplifier will be active for all enabled speaker zones.

2. **Activate Speaker Zones:** Press the individual speaker zone buttons (1 through 12) to turn on or turn off the corresponding pair of speakers. A button that is pressed in typically indicates the zone is active.

3. **Adjust Volume:** Volume control is managed by your connected amplifier(s) and individual speaker volume controls (if applicable). The SS-Pro 12 does not have its own volume control.

4. **Simultaneous Use:** You can activate multiple speaker zones simultaneously. The impedance matching circuitry will ensure safe operation for your amplifier, provided the "NUMBER OF SPEAKER PAIRS" switch on the rear is correctly set.

6. MAINTENANCE

The Monoprice SS-Pro 12 requires minimal 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.
- **Environment:** Keep the unit away from excessive heat, humidity, and direct sunlight.
- **Connections:** Periodically check all speaker wire connections to ensure they are secure and free from corrosion.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from speakers.	Amplifier not powered on or source not selected. Incorrect amplifier source selected on SS-Pro 12. Speaker zone not activated. Loose or incorrect speaker wire connections. Amplifier protection mode activated.	Ensure amplifier is on and playing audio. Press the **AMP A/B** button to select the correct source. Press the corresponding speaker zone button to activate it. Check all speaker wire connections at both the SS-Pro 12 and the speakers/amplifier for proper polarity and secure fit. Verify the "NUMBER OF SPEAKER PAIRS" switch is set correctly for the number of active zones. Reduce active zones if amplifier is overheating.
Distorted or low sound.	Incorrect impedance switch setting. Overdriving the amplifier or speakers. Poor speaker wire quality or damaged wire.	Ensure the "NUMBER OF SPEAKER PAIRS" switch matches the number of active speaker pairs. Reduce the volume level from your amplifier. Inspect speaker wires for damage and replace if necessary.

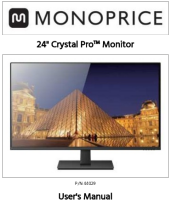| Problem	Possible Cause	Solution
Only one channel (left or right) has sound.	Loose or incorrect connection for one channel. Faulty speaker or amplifier channel.	Check the specific left/right connections for the affected speaker pair and amplifier. Test the speaker directly with the amplifier, or test the amplifier channel with a different speaker, to isolate the issue.

8. SPECIFICATIONS

Attribute	Value
Model Number	139067
Brand	Monoprice
Speaker Zones	12 pairs
Power Handling	Up to 300 Watts Peak per channel
Amplifier Sources	2 (A/B selectable)
Impedance Matching	Yes, with selectable settings (3-4, 5-8, 9-12 pairs)
Product Dimensions (L x W x H)	19.1 x 1.1 x 5.7 inches
Item Weight	11.97 pounds
Color	Black
Speaker Wire Termination	Snap-in connectors

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Monoprice website or contact Monoprice customer service directly. Details regarding product registration, warranty claims, and technical assistance can typically be found on their support pages.

Monoprice Official Website: www.monoprice.com

Related Documents - 139067

	[Monoprice 24" Crystal Pro™ Monitor User Manual](#) User manual for the Monoprice 24" Crystal Pro™ Monitor (P/N 44029), detailing safety guidelines, package contents, OSD menu operation, technical specifications, and regulatory compliance. Includes setup and usage information.
	[Monoprice Blackbird 8K Dual Function HDMI Splitter/Switch (P/N 44086) User Manual](#) User manual for the Monoprice Blackbird 8K Dual Function HDMI Splitter/Switch (P/N 44086). This guide covers safety, features, setup, specifications, and troubleshooting for seamless 8K video distribution.
HDMI Matrix 4 x 4 User manual	[HDMI Matrix 4x4 User Manual - Monoprice](#) User manual for the Monoprice HDMI Matrix 4x4 (Blackbird 4K Pro), detailing features, specifications, operation controls, remote control functions, and PC software guide for managing HDMI signal distribution.
	[Blackbird 4K Pro 4x4 HDMI True Matrix RS-232 Control Guide](#) This guide provides detailed instructions for controlling the Blackbird 4K Pro 4x4 HDMI True Matrix using RS-232 serial commands and its accompanying GUI software. Learn about connection setup, firmware upgrades, and specific RS-232 commands for port switching, EDID management, status queries, and IR control.
	[Monoprice PID 13808 27-inch IPS-G Pro LED Monitor User's Manual](#) User's manual for the Monoprice PID 13808 27-inch IPS-G Pro LED Monitor, covering setup, features, OSD menu operations, troubleshooting, and specifications.
	[Monoprice Harmony Mini Bluetooth Wireless Speaker User Manual (Model 33828)](#) User manual for the Monoprice Harmony Mini Bluetooth Wireless Speaker (Model 33828). Provides instructions on safety, features, charging, Bluetooth pairing, audio playback, phone calls, technical support, specifications, and regulatory compliance.