SPL 2 Control

SPL 2Control Stereo Monitor Controller User Manual

Model: 2 Control

1. INTRODUCTION

The SPL 2Control is a compact and user-friendly stereo monitor controller designed to provide comprehensive control over your digital audio workstation's (DAW) monitoring functions. It ensures high-quality audio reproduction through both studio monitors and headphones, allowing you to hear every detail of your mix. Key features include a precise speaker volume potentiometer, active circuitry for sound integrity, and a unique Crossfeed control for accurate headphone monitoring that simulates a stereo speaker image.

2. SAFETY INSTRUCTIONS

- Read these instructions thoroughly before operating the device.
- Keep this manual for future reference.
- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Ensure proper ventilation; do not block any ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Disconnect the power cord during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.
- Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

3. PACKAGE CONTENTS

Upon unpacking, please verify that the following items are included:

- 1 x SPL 2Control Module
- 1 x Power Cord
- This User Manual

4. PRODUCT OVERVIEW

4.1 Front Panel Controls and Indicators

Figure 1: Front Panel of the SPL 2Control Stereo Monitor Controller.

This image displays the front panel of the SPL 2Control. From left to right, it features input selection buttons (IN 1, IN 2), function buttons (MONO, DIM), speaker output selection buttons (SP 1, SP 2, SP 3), a large central master VOLUME knob, a CROSSFEED knob, and two individual headphone VOLUME knobs with corresponding headphone output jacks. A power indicator LED is visible above the headphone controls.

- **IN 1 / IN 2 Buttons:** Selects the active stereo input source.
- **MONO Button:** Sums the stereo signal to mono for compatibility checking.
- **DIM Button:** Reduces the output volume by a fixed amount (e.g., -20dB) for temporary level reduction.
- **SP 1 / SP 2 / SP 3 Buttons:** Selects the active stereo speaker output pair.
- **VOLUME Knob:** Master volume control for selected speaker outputs.
- **CROSSFEED Knob:** Adjusts the stereo panorama for headphone monitoring to simulate a speaker listening environment.
- **HEADPHONE VOLUME 1 / 2 Knobs:** Independent volume controls for the two headphone outputs.
- **HEADPHONE 1 / 2 Jacks:** 1/4-inch stereo headphone outputs.
- **POWER LED:** Indicates the unit is powered on.

4.2 Rear Panel Connections (Inferred)

The rear panel typically houses the audio input and output connections, as well as the power input. Based on common audio equipment and product specifications, you can expect:

- **Analog Inputs:** Balanced XLR or TRS inputs for connecting your audio interface or mixer.
- **Speaker Outputs:** Multiple sets of balanced XLR or TRS outputs for connecting up to three pairs of studio monitors.
- **Power Input:** Connector for the included power cord.

5. SETUP

1. **Placement:** Position the SPL 2Control on a stable, flat surface, ensuring adequate ventilation around the unit.
2. **Power Connection:** Connect the provided power cord to the power input on the rear panel of the 2Control and then to a suitable AC power outlet.
3. **Input Connections:** Connect the stereo outputs of your audio interface, mixer, or other audio source to the IN 1 and/or IN 2 inputs on the rear panel using balanced XLR or TRS cables.

4. **Speaker Connections:** Connect your studio monitors to the SP 1, SP 2, and/or SP 3 outputs on the rear panel using balanced XLR or TRS cables. Ensure correct left and right channel connections.

5. **Headphone Connections:** Plug your headphones into the HEADPHONE 1 and/or HEADPHONE 2 jacks on the front panel.

6. **Initial Power On:** Ensure all volume controls are set to their minimum positions before powering on the unit. Then, connect the power cord to the wall outlet. The POWER LED on the front panel will illuminate.

6. OPERATING INSTRUCTIONS

1. **Selecting an Input:** Press either the **IN 1** or **IN 2** button to select your desired audio source. The active button will illuminate.

2. **Selecting Speaker Outputs:** Press the **SP 1**, **SP 2**, or **SP 3** button to route the audio to the corresponding pair of studio monitors. Only one speaker output can be active at a time.

3. **Adjusting Master Volume:** Slowly turn the large **VOLUME** knob clockwise to increase the listening level for the selected speaker outputs. Turn counter-clockwise to decrease.

4. **Mono Summing:** Press the **MONO** button to sum the stereo signal to mono. This is useful for checking phase compatibility and mix balance. Press again to return to stereo.

5. **Dim Function:** Press the **DIM** button to temporarily reduce the output volume. This is useful for quick conversations or when you need to lower the volume without losing your main volume setting. Press again to restore the original volume.

6. **Headphone Monitoring:**
   - Plug your headphones into the desired headphone jack (HEADPHONE 1 or 2).
   - Adjust the individual **HEADPHONE VOLUME 1** or **2** knob to set the listening level for your headphones.
   - Use the **CROSSFEED** knob to adjust the stereo image for headphone listening. Turning it clockwise increases the crossfeed, simulating a more natural speaker-like stereo field by blending the left and right channels slightly.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure that the ventilation slots are kept clear of dust and debris to prevent overheating.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from speakers.	- Incorrect input/output selection. - Volume knob set too low. - Cables not connected properly. - Speakers are off or muted.	- Verify correct IN and SP buttons are illuminated. - Increase the master VOLUME knob. - Check all audio cables for secure connections. - Ensure speakers are powered on and not muted.

Problem	Possible Cause	Solution
No sound from headphones.	○ Headphone volume knob set too low. ○ Headphones not fully plugged in.	○ Increase the HEADPHONE VOLUME knob. ○ Ensure headphones are securely plugged into the correct jack.
Distorted audio.	○ Input signal too hot. ○ Volume set too high. ○ Faulty cables.	○ Reduce the output level from your audio source. ○ Lower the master VOLUME or headphone VOLUME. ○ Test with different cables.

9. SPECIFICATIONS

Feature	Detail
Model Name	2 Control (also known as 2860)
Brand	SPL
Speaker Type	Monitor
Recommended Uses	Control, Volume for Monitors
Compatible Devices	Monitors, Speakers
Surround Sound Channel Configuration	2.0
Color	Black
Included Components	1 x SPL Control Module
Product Dimensions (D x W x H)	8.66" x 8.46" x 3.15"
Item Weight	7.06 pounds (approx. 3.2 kg)
Power Source	Corded Electric
Connectivity Technology	TRS, XLR
Audio Output Mode	Stereo
Mounting Type	Tabletop Mount
Manufacturer	Sound Performance Lab

10. WARRANTY AND SUPPORT

The SPL 2Control Monitor Controller comes with a limited warranty. For specific warranty terms, duration, and

conditions, please refer to the documentation provided with your purchase or visit the official SPL website. For technical support, service, or inquiries, please contact the manufacturer, Sound Performance Lab, or your authorized dealer.

Manufacturer: Sound Performance Lab

Related Documents - 2 Control

	[SPL Marc One Monitoring and Recording Controller - User Manual](#) Comprehensive user manual for the SPL Marc One, a professional monitoring and recording controller featuring 32-bit/768 kHz AD/DA conversion, DSD support, and versatile connectivity for studio applications.
	[SPL MTC 2381 Monitor & Talkback Controller User Manual](#) Comprehensive user manual for the SPL MTC 2381 Monitor & Talkback Controller, detailing its features, connections, operation, and specifications for professional audio studios.
	[SPL Surround Monitor Controller SMC Model 2489 User Manual](#) User manual for the SPL Surround Monitor Controller (SMC) Model 2489, providing detailed information on its features, operation, connections, technical specifications, and warranty for professional audio monitoring.
	[SPL Performer s1200 User Manual: Mastering Grade Stereo Power Amplifier](#) Comprehensive user manual for the SPL Performer s1200 Stereo Power Amplifier, detailing its features, VOLTAIR Technology, specifications, and operation. Learn about its high-fidelity audio performance.
	[SPL Phonitor x User Manual: Professional Fidelity Headphone Amplifier & Preamplifier](#) Comprehensive user manual for the SPL Phonitor x, detailing its features, operation, VOLTAIR technology, Phonitor Matrix, connections, specifications, and important notes. Master your listening experience with this high-fidelity audio device.
	[SPL Channel One Mk3 Discrete Preamplifier User Manual](#) Comprehensive user manual for the SPL Channel One Mk3, a high-quality discrete channel strip featuring a microphone preamplifier, compressor, equalizer, transient designer, and de-esser. Includes detailed operation, features, technical specifications, and safety guidelines.