

SPL BIG 500 Series

SPL BIG 500 Series Stereo Image Processor User Manual

Model: BIG 500 Series

1. INTRODUCTION

1.1 Product Overview

The SPL BIG 500 Series Stereo Image Processor is a module designed for the 500 series rack format, engineered to enhance the stereo width and depth of audio signals. It features intuitive controls for Range, Stage, Bass, and Bigness, allowing for precise manipulation of the stereo field to achieve a more expansive and engaging sound.

1.2 Key Features

- 500 Series Stereo Image Processor with Range control
- Dedicated Bass Controls for low-end enhancement
- Bigness control for overall stereo width adjustment
- Stage control for perceived depth manipulation

2. SAFETY INSTRUCTIONS

2.1 Important Safety Information

- Read and retain these instructions for future reference.
- Do not expose this equipment to rain or moisture.
- Ensure proper ventilation; do not block any ventilation openings.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.
- Disconnect the 500 series rack from power before installing or removing the module.

3. SETUP

3.1 Installation into a 500 Series Rack

The SPL BIG module is designed for installation into a compatible 500 series rack chassis. Follow these steps for proper installation:

1. Ensure the 500 series rack is powered off and disconnected from the mains power supply before beginning installation.
2. Carefully slide the BIG module into an available slot in your 500 series rack, ensuring the edge connector aligns correctly with the rack's backplane.
3. Secure the module using the mounting screws provided with your 500 series rack. Do not overtighten.
4. Once the module is physically installed, connect your audio input and output cables to the appropriate connectors on your 500 series rack.
5. Reconnect the 500 series rack to the mains power supply and power it on.

3.2 Front Panel Overview

The front panel of the SPL BIG module provides all controls and indicators for operation. Refer to the image below for a visual guide to the controls.





Description: Close-up front view of the SPL BIG 500 Series Stereo Image Processor, highlighting the Range, Stage, and Bigness control knobs, along with the Bass switch and Bypass toggle. The model number 1505 is visible at the bottom.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

The SPL BIG module allows for intuitive control over stereo imaging. Experiment with the controls to achieve the desired sonic effect for your audio material.

4.2 Controls and Indicators

- **Bypass Switch:** This toggle switch engages or disengages the stereo image processing. When engaged (ON), the audio signal passes through the unit without any processing. When disengaged (OFF), the BIG module's effects are active.
- **Range Control:** This rotary knob adjusts the frequency range that is primarily affected by the stereo image processing. Turning the knob clockwise increases the frequency range, allowing for broader or more focused stereo enhancement.
- **Stage Control:** This rotary knob modifies the perceived depth of the stereo image. Settings towards 'BACK' tend to narrow the soundstage, while settings towards 'FRONT' expand the perceived depth and width.
- **Bass Switch:** This toggle switch activates or deactivates the dedicated bass processing. Engaging this switch can enhance the low-end presence and impact without necessarily affecting the stereo width of the higher frequencies.
- **Bigness Control:** This large rotary knob is the primary control for adjusting the overall stereo width and spaciousness. Turning it clockwise increases the intensity of the stereo widening effect, making the sound appear larger and more expansive.
- **L/R Sig LEDs:** These indicator lights illuminate to show the presence of audio signals in the left (L) and right (R) channels, confirming that audio is passing through the module.

5. MAINTENANCE

5.1 Cleaning

To clean the unit, use a soft, dry, and lint-free cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish or internal components.

5.2 Storage

When not in use for extended periods, store the SPL BIG module in a dry, dust-free environment, ideally within its original packaging or a protective case, to prevent damage from dust, moisture, or physical impact.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **No Audio Output:**

- Check all cable connections between the 500 series rack and your audio interface/mixer.
- Ensure the 500 series rack is powered on and receiving power.
- Verify that the Bypass switch on the SPL BIG module is not engaged if you expect processed audio.
- Confirm that an input signal is present and routed correctly to the 500 series rack slot.

- **No Stereo Imaging Effect:**

- Ensure the Bypass switch on the module is disengaged (OFF).
- Adjust the Range, Stage, and Bigness controls to higher settings to hear the effect more prominently.
- Verify that the input signal being fed to the module is indeed a stereo signal. Mono signals will not exhibit stereo imaging effects.

- **Unwanted Noise or Distortion:**

- Check all cable connections for proper seating and integrity.
- Ensure input levels are not too high, causing clipping in the 500 series rack or the BIG module.
- Test the module in a different slot of the 500 series rack or a different rack if available, to rule out rack-related issues.

7. SPECIFICATIONS

7.1 Technical Data

Item Weight	2.29 pounds
Product Dimensions	8.9 x 6.75 x 4.3 inches
Material Type	Stainless Steel
ASIN	B0CBLBSP2H

Date First Available	May 7, 2022
----------------------	-------------

8. WARRANTY AND SUPPORT

8.1 Product Support

For technical assistance, warranty information, or service inquiries regarding your SPL BIG 500 Series Stereo Image Processor, please visit the official SPL website or contact your authorized dealer. Detailed warranty terms and conditions are typically available on the manufacturer's website.

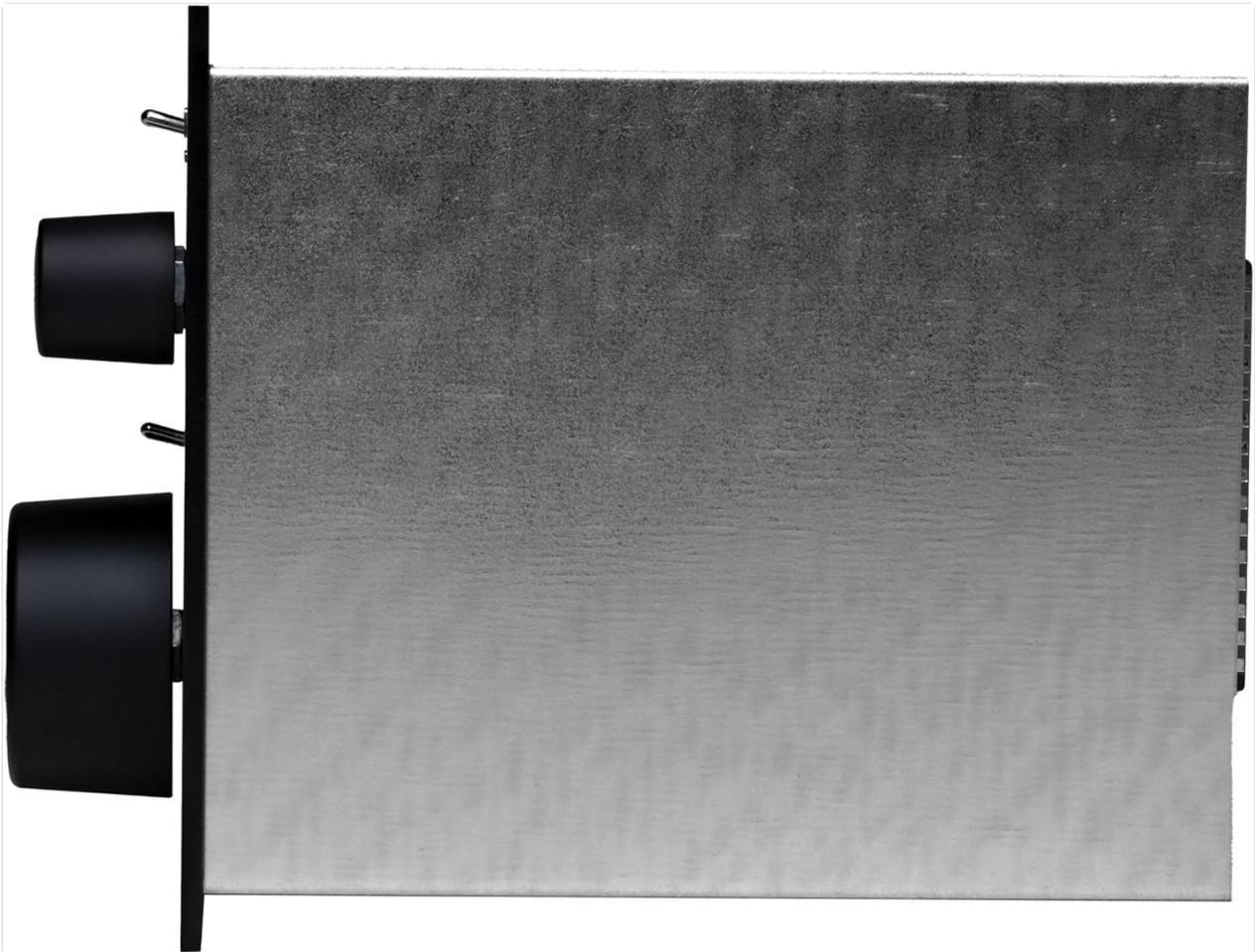
You can also visit the [SPL Store on Amazon](#) for additional product information and resources.

9. ADDITIONAL RESOURCES

9.1 Product Images



Description: Angled view of the SPL BiG 500 Series Stereo Image Processor, showing the front panel and the side of the module, illustrating its compact 500 series form factor.



Description: Side view of the SPL BIG 500 Series Stereo Image Processor, showing the depth of the module and the typical rear connections for a 500 series unit.

9.2 Product Videos

Your browser does not support the video tag.

Description: An official product video demonstrating the features and capabilities of the SPL BIG 500 Series Stereo Image Processor.

Your browser does not support the video tag.

Description: An official product video providing further insights into the operation and sound shaping possibilities of the SPL BIG 500 Series module.

Your browser does not support the video tag.

Description: An official product video showcasing advanced applications and sonic examples of the SPL BIG 500 Series Stereo Image Processor.