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Soundcraft CSB 16-32

Soundcraft CSB 32-Input 16-Output Compact Stagebox User Manual

Model: CSB 16-32

Brand: Soundcraft

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Soundcraft CSB 32-Input 16-Output Compact Stagebox. Designed as a robust and flexible I/O solution, this stagebox seamlessly integrates with Soundcraft digital live sound consoles, including the Vi Series, Si Series, Vi1, and SI Compact. It offers high-density input/output connections in a compact 4U rack-mountable form factor, making it an essential component for professional audio environments.

PRODUCT OVERVIEW

The Soundcraft Compact Stagebox is engineered to expand the capabilities of Soundcraft digital mixing systems. It features a standard configuration of 32 mic/line inputs and 8 line outputs, along with 8 channels of AES/EBU outputs. The unit includes two expansion slots designed for standard Studer D21m I/O cards, allowing compatibility with various digital formats such as CobraNet, AVIOM A-Net16, Ethersound, ADAT, and RockNet. A MADi recording interface can also be installed in these expansion slots, providing versatile connectivity options for diverse audio production needs.



Figure 1: Front panel of the Soundcraft Compact Stagebox. This image displays the front panel of the Soundcraft Compact Stagebox, featuring multiple XLR input and output connectors, along with control and expansion card slots. The top two rows are dedicated to 32 mic/line inputs, each with individual 48V phantom power indicators. The third row provides 16 line outputs. The bottom section includes various control ports, status indicators, and two expansion slots for D21m I/O cards.

SETUP

Proper setup is crucial for optimal performance of your Compact Stagebox. Follow these steps to integrate the unit into your audio system:

1. **Mounting:** Install the 4U stagebox into a standard equipment rack. Ensure adequate ventilation around the unit.
2. **Power Connection:** Connect the stagebox to a stable power source using the provided power cable.
3. **Console Connection:** Connect the stagebox to your Soundcraft digital console (e.g., Vi Series, Si Series) using a Cat5 Neutrik cable for remote control and audio signal transmission. Ensure the connection is secure.
4. **Input Connections:** Connect your microphones and line-level sources to the 32 XLR mic/line inputs on the front panel. Observe the 48V phantom power indicators if using condenser microphones.
5. **Output Connections:** Connect your desired output devices (e.g., amplifiers, monitors) to the 8 line outputs and 8 AES/EBU outputs.
6. **Expansion Cards:** If using, install Studer D21m I/O cards into the designated expansion slots. Refer to the D21m card's specific manual for installation and configuration details.
7. **System Configuration:** Power on your Soundcraft console and the stagebox. Configure the stagebox within your console's software interface, ensuring proper channel routing and recognition.

OPERATION

Once properly set up, the Soundcraft Compact Stagebox operates as a remote I/O unit for your Soundcraft digital console. All input gain, phantom power, and output routing are controlled directly from the connected console's interface. The stagebox acts as an extension of your console, allowing for flexible placement of inputs and outputs closer to the sound sources or destinations on stage or in the studio.

- **Input Monitoring:** Monitor input levels directly from your console. The stagebox provides clean, high-quality preamplification for all connected sources.

- **Output Routing:** Route audio signals from your console to the stagebox's line and AES/EBU outputs as needed for various monitoring or FOH (Front of House) applications.
- **Status Indicators:** Observe the status indicators on the front panel for power, connection status, and any potential card or system errors.

MAINTENANCE

To ensure the longevity and reliable performance of your Soundcraft Compact Stagebox, adhere to the following maintenance guidelines:

- **Cleaning:** Regularly clean the exterior of the unit with a soft, dry cloth. Avoid using abrasive cleaners or solvents. Ensure connectors are free of dust and debris.
- **Ventilation:** Keep ventilation openings clear to prevent overheating. Do not block air vents.
- **Firmware Updates:** Periodically check the official Soundcraft website for any available firmware updates for your stagebox and connected console. Keeping firmware up-to-date ensures optimal compatibility and performance.
- **Cable Management:** Ensure all cables are neatly organized and not under excessive strain to prevent damage to connectors and ports.

TROUBLESHOOTING

If you encounter issues with your Soundcraft Compact Stagebox, consider the following troubleshooting steps:

- **No Signal/Intermittent Signal:**
 - Verify all Cat5 Neutrik connections between the stagebox and console are secure and undamaged.
 - Check the status indicators on the stagebox for any error lights (e.g., CARD A FAIL, CARD C FAIL, PSU OK/FAIL).
 - Ensure the correct input channels are selected and routed on your Soundcraft console.
 - Confirm that phantom power (48V) is enabled for condenser microphones if required.
 - If using MADI cards, ensure they are properly seated and configured within the console's software.
- **Power Issues:**
 - Check the power cable connection and ensure the power outlet is functional.
 - Verify the power indicator on the stagebox is illuminated.
- **Console Not Recognizing Stagebox:**
 - Restart both the stagebox and the Soundcraft console.
 - Ensure the console's software is up-to-date and compatible with the stagebox model.
 - Check network settings and IP addresses if applicable for your console model.

If problems persist after attempting these steps, please contact Soundcraft Technical Support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	CSB 16-32
Inputs	32 Mic/Line Inputs
Outputs	8 Line Outputs, 8 AES/EBU Outputs
Expansion Slots	2 (for Studer D21m I/O cards)
Connectivity	Cat5 Neutrik (Remote Controlled I/O)
Rack Space	4U
Item Weight	31.5 pounds
Product Dimensions	28 x 13 x 13 inches
ASIN	B07K1ZCP3G
UPC	688705002293
Date First Available	October 30, 2018

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Soundcraft Compact Stagebox, please refer to the official Soundcraft website or contact their customer support directly. It is recommended to register your product to receive updates and support.

An official User Manual (PDF) is also available for detailed technical information:

[Download Official User Manual \(PDF\)](#)