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› Soundcraft Si Performer 3 Digital 32-channel Audio Mixer and Lighting Controller User Manual

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Model: Si Performer 3

PRODUCT OVERVIEW

The Soundcraft Si Performer 3 is a powerful digital audio mixer and lighting controller designed for professional sound reinforcement and live performance applications. It features 32 local recallable mic preamps and 8 stereo inputs, providing extensive connectivity for various audio sources. Additionally, it includes two ViSi Connect option card slots, allowing for an impressive 128x96 input/output paths, with one 64x64 expansion slot and another 64x32 expansion slot. This robust system offers 80 channels to mix, ensuring comprehensive control over complex audio setups.



Figure 1: Front view of the Soundcraft Si Performer 3 Digital Mixer, showcasing the faders, control knobs, and display screens.

SETUP GUIDE

Proper setup is crucial for optimal performance of your Soundcraft Si Performer 3. Follow these steps to get started:

1. **Unpacking and Placement:** Carefully remove the mixer from its packaging. Place it on a stable, flat surface, ensuring adequate ventilation around the unit. The mixer weighs approximately 47.5 pounds and measures 21.2 x 37 x 6.7 inches.
2. **Power Connection:** Connect the provided power cord to the mixer's power input and then to a suitable AC power outlet. The unit operates on corded electric power.
3. **Input Connections:** Connect your microphones and line-level audio sources to the 32 mono mic inputs and 8 line inputs located on the rear panel. The mixer supports various connectivity technologies including Auxiliary and USB.
4. **Output Connections:** Connect your main outputs, monitor outputs, and other auxiliary outputs to your amplification system, speakers, or recording devices.
5. **Expansion Cards (Optional):** If using ViSi Connect option cards, carefully insert them into the designated slots. The mixer supports two such slots for expanded I/O capabilities (128x96 paths).
6. **Initial Power On:** Before powering on, ensure all connections are secure. Press the power button to turn on the mixer. Allow the system to initialize.



Figure 2: Rear view of the Soundcraft Si Performer 3, highlighting the extensive input and output connectivity options.

OPERATING INSTRUCTIONS

The Soundcraft Si Performer 3 offers intuitive controls for managing your audio. Here are the basic operating procedures:

- **Channel Control:** The mixer features 32 mono mic inputs and 8 line inputs, totaling 80 channels to mix. Each channel strip includes a fader for volume control, along with dedicated buttons for muting, soloing, and routing.
- **Fader Operation:** Use the smooth faders to adjust the volume level of individual channels. The faders provide precise control for dynamic mixing.
- **Input/Output Paths:** Utilize the 2 ViSi Connect option card slots to expand your input/output paths up to 128x96, allowing for complex signal routing and integration with external systems.
- **Pre/Post Selection:** The mixer allows for pre/post selection per input per bus, offering flexibility in how signals are sent to auxiliary sends and effects.
- **Adjusters and EQ:** The control surface includes dedicated sections for gain, gate, compression, and equalization (EQ). Use these adjusters to fine-tune the sound of each channel. The EQ section allows for precise frequency adjustments to shape the audio.
- **Monitoring:** Connect headphones or monitor speakers to the appropriate outputs to monitor your mix.



Figure 3: Angled view of the Soundcraft Si Performer 3, showcasing the illuminated controls and ergonomic design for operational ease.

MAINTENANCE

To ensure the longevity and optimal performance of your Soundcraft Si Performer 3, regular maintenance is recommended:

- **Cleaning:** Regularly wipe down the control surface with a soft, dry, lint-free cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no liquid enters the unit. Avoid abrasive cleaners or solvents.
- **Dust Protection:** When not in use, cover the mixer with a dust cover to prevent dust and debris from accumulating on the faders, knobs, and internal components.
- **Ventilation:** Ensure that the ventilation openings are clear and not obstructed to prevent overheating.
- **Cable Management:** Keep cables organized and free from kinks or excessive tension to prevent damage to connectors and ports.
- **Storage:** If storing the mixer for an extended period, ensure it is in a cool, dry environment, protected from extreme temperatures and humidity.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Soundcraft Si Performer 3:

Problem	Possible Cause	Solution
No audio output	Power not connected, faders down, mute engaged, incorrect routing.	Check power supply, ensure faders are up, disengage mute, verify signal routing to outputs.
Distorted audio	Input gain too high, faulty cable, impedance mismatch.	Reduce input gain, check and replace cables, ensure correct impedance settings.
Unit not powering on	Power cable loose, power outlet issue, internal fault.	Verify power cable connection, test power outlet, contact support if issue persists.

SPECIFICATIONS

Brand: Soundcraft

Model: Si Performer 3

Item Weight: 47.5 pounds

Product Dimensions: 21.2 x 37 x 6.7 inches

Number of Channels: 80 (to mix)

Mic Inputs: 32 mono recallable mic preamps

Line Inputs: 8 stereo inputs

Expansion Slots: 2 ViSi Connect option card slots (128x96 input/output paths)

Power Source: Corded Electric

Connectivity Technology: Auxiliary, USB

First Available Date: November 21, 2012

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Soundcraft documentation. A comprehensive User Guide is available for download:

[Download User Guide
\(PDF\)](#)

For further assistance, you may visit the [Soundcraft Store on Amazon](#) or contact Soundcraft customer support directly.