PreSonus StudioLive Series III SE 16

PreSonus StudioLive Series III SE 16 Digital Console Mixer Instruction Manual

Model: StudioLive Series III SE 16 | Brand: PreSonus

1. INTRODUCTION

The PreSonus StudioLive Series III SE 16 is a versatile and powerful 40-channel digital console mixer, designed for both portable and rack-mountable applications. It offers extensive input and mixing capabilities, making it suitable for a wide range of audio environments from live sound to studio recording. This manual provides essential information for setting up, operating, and maintaining your StudioLive SE 16 mixer.

Key features include 16 studio-grade, fully recallable XMAX-R preamps, vintage-style EQ and compression options on every channel and bus, and 16 FlexMixes configurable as subgroups, auxes, or matrix mixes. It also boasts 24 DCA groups, 4 dedicated subgroup mixes, and 4 FX mixes with dedicated processing. For recording and integration, the mixer features a 64x64 USB 2.0 audio interface, an onboard 34x34 SD recorder, and Milan-certified AVB audio networking. Comprehensive software integration with Capture multitracking, virtual soundcheck, and Studio One Pro enhances its functionality.

Figure 1.1: Angled front view of the PreSonus StudioLive Series III SE 16 Digital Console Mixer.

2. Setup

2.1 Unpacking and Initial Inspection

Carefully remove the mixer from its packaging. Inspect the unit for any signs of damage during transit. Retain all packaging materials for future transport or service needs.

2.2 Power Connection

Connect the provided power cable to the mixer's power input and a suitable AC power outlet. Ensure the power source matches the mixer's voltage requirements (100-240V, 50-60Hz).

2.3 Audio Connections

The StudioLive SE 16 features 16 XMAX-R mic/line preamps. Connect your microphones, instruments, and other audio sources to the appropriate input jacks. Main outputs are available for connecting to your PA system or studio monitors.

Figure 2.1: Rear panel connections for audio inputs and outputs, including USB and AVB ports.

2.4 Computer and Network Connectivity

- **USB 2.0:** Connect the mixer to your computer via USB for 64x64 audio interface functionality. This allows for multitrack recording and playback.
- **AVB Audio Networking:** Utilize the Milan-certified AVB port for integration with other AVB-compatible devices such as stage boxes (e.g., PreSonus NSB), personal monitor mixers (e.g., EarMix 16M), or other StudioLive Series III mixers.
- **Wi-Fi/Ethernet:** For remote control via Universal Control software on a computer or tablet, connect the mixer to a wireless router or directly via Ethernet.

2.5 Software Installation

Install the Universal Control software on your computer or tablet for remote mixer control. The mixer also includes Capture multitracking software and a perpetual license for Studio One Pro for recording and production tasks.

3. Operating the Mixer

3.1 Basic Operation

The StudioLive SE 16 features a user-friendly interface with physical controls and a touch-sensitive display. Each channel offers comprehensive processing including XMAX-R preamps, EQ, and compression. The motorized faders provide tactile control and visual feedback for mix adjustments.

Figure 3.1: Detailed view of the mixer's control surface and display for channel processing.

3.2 Mixing and Routing

- **FlexMixes:** Configure the 16 FlexMixes as subgroups, auxiliary sends (for monitors or effects), or matrix mixes to create custom mixes for various outputs.
- **DCA Groups:** Use the 24 DCA groups to control multiple channels simultaneously without altering their relative levels.
- **FX Mixes:** Access 4 dedicated FX mixes with stereo returns, offering lush reverbs and delays for enhancing your sound.

- **Source Switching:** Easily switch each channel's input source between analog, USB, SD, and AVB for flexible integration of your gear.

3.3 Remote Control

The StudioLive SE 16 can be remotely controlled using Universal Control software on your computer or tablet. PreSonus Metro allows for control over the internet with real-time audio monitoring, providing flexibility for mixing from anywhere.

3.4 Recording and Playback

- **USB 2.0 Interface:** Record and play back up to 64 channels simultaneously with your computer using the integrated USB 2.0 audio interface.
- **SD Recorder:** The onboard 34x34 SD recorder allows for direct recording and playback without a computer.
- **Capture Software:** Utilize the included Capture software for multitrack recording and automated Virtual Soundcheck, streamlining your workflow.

Video 3.1: An overview of the PreSonus StudioLive 16.0.2 USB mixer, highlighting its 18x16 USB interface, 12 XMAX Class-A preamps, and MIDI control capabilities. This video demonstrates features relevant to the StudioLive series, including connectivity and sound quality.

4. MAINTENANCE

4.1 Cleaning

Regularly clean the mixer's surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components. Keep faders and knobs free from dust and debris.

4.2 Firmware Updates

Periodically check the PreSonus website for firmware updates. Keeping your mixer's firmware up-to-date ensures optimal performance, new features, and bug fixes.

4.3 Storage and Transport

When not in use, store the mixer in a cool, dry environment away from direct sunlight and extreme temperatures. For transport, use appropriate cases to protect the unit from physical damage.

5. TROUBLESHOOTING

5.1 No Power

Ensure the power cable is securely connected to both the mixer and a working power outlet. Check the power switch and any circuit breakers.

5.2 No Audio Output

Verify that input sources are connected correctly and gain levels are set appropriately. Check main output connections and ensure faders are up and channels are not muted. Confirm correct routing in Universal Control.

5.3 Connectivity Issues

For USB connections, ensure drivers are installed and the correct audio device is selected in your computer's settings. For network issues, check Ethernet cable connections, router functionality, and Wi-Fi signal strength. Restarting the mixer and connected devices can often resolve temporary glitches.

6. SPECIFICATIONS
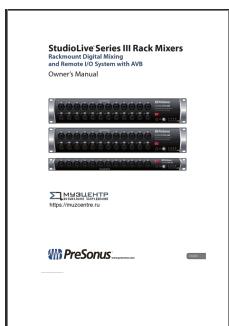
Specification	Value
Brand	PreSonus
Model Number	2779200308
Item Weight	32 pounds
Product Dimensions	22.97 x 17.59 x 6.51 inches
Number of Channels	40
Connectivity Technology	Ethernet, USB, Wi-Fi
Power Source	Corded Electric
Color Name	Black

7. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official PreSonus website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Online resources, including FAQs, user forums, and software downloads, are available on the PreSonus support page. Regular software and firmware updates are provided to enhance product functionality and address any potential issues.

Related Documents - StudioLive Series III SE 16

StudioLive Series III Rack Mixers
Rackmount Digital Mixing
and Remote I/O System with AVB
Owner's Manual

https://ru.zoomv.ru

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[PreSonus StudioLive Series III Rack Mixers: Owner's Manual - Digital Mixing and AVB](#)
Comprehensive owner's manual for the PreSonus StudioLive Series III rackmount digital mixers (32R, 24R, 16R). Covers setup, networking (AVB, Ethernet, USB), audio connections, features, technical specifications, and warranty information.

[PreSonus StudioLive Series III Rackmount Digital Mixers and Remote I/O System Owner's Manual](#)
The official owner's manual for the PreSonus StudioLive Series III rackmount digital mixers (32R, 24R, 16R). This guide covers setup, operation, features, connectivity, AVB networking, and resources for professional audio applications in studios and live sound environments.

[PreSonus StudioLive Series III Rackmount Mixers Owner's Manual](#)
Explore the PreSonus StudioLive Series III rackmount digital mixers (32R, 24R, 16R) with this comprehensive owner's manual. Discover features like AVB networking, XMAX preamps, multitrack recording, and remote control for professional audio production and live sound.

[PreSonus StudioLive Series III Rack Mixers Owner's Manual: Setup, Operation, and Specifications](#)
This comprehensive owner's manual guides users through the setup, operation, and technical specifications of the PreSonus StudioLive Series III Rackmount Mixers, including the 32R, 24R, and 16R models. Learn about connectivity, audio system integration, and advanced features for professional audio production and live sound.

[PreSonus StudioLive 16.0.2 Owner's Manual: Digital Mixer and Recording Interface Guide](#)
Comprehensive owner's manual for the PreSonus StudioLive 16.0.2 digital performance and recording mixer. Learn about its features, setup, controls, software integration with Capture, Studio One Artist, and Virtual StudioLive, and troubleshooting.

[PreSonus StudioLive Series III Rack Mixers Owner's Manual](#)
The PreSonus StudioLive Series III Rackmount Mixers Owner's Manual provides comprehensive information on the StudioLive 32R, 24R, and 16R digital mixing and remote I/O systems with AVB. It covers setup, connection, firmware updates, hookup details, audio system configuration, resources like microphone placement and processing suggestions, technical specifications, and warranty information.