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## Solid State Logic SSL2

# Solid State Logic SSL2 2-In/2-Out USB-C Audio Interface User Manual

Model: SSL2

## 1. INTRODUCTION

The Solid State Logic SSL2 is a high-performance 2-in/2-out USB-C audio interface designed for musicians, producers, and content creators. It features class-leading microphone preamps, 24-bit/192 kHz AKM converters, and a unique Legacy 4K analog enhancement mode inspired by classic SSL 4000 series consoles. This manual provides essential information for setting up, operating, and maintaining your SSL2 interface.



Figure 1: Front view of the Solid State Logic SSL2 Audio Interface.

## 2. SETUP

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### 2.1 System Requirements

- Operating System: Windows 10 or higher (64-bit), macOS 10.15 (Catalina) or higher.
- USB 2.0 compatible port (USB-C for direct connection, USB-A with adapter).
- Internet connection for driver and software bundle download.

### 2.2 Driver and Software Installation

1. Visit the Solid State Logic website ([solidstatelogic.com/support](https://solidstatelogic.com/support)) to download the latest drivers for your operating system.
2. Install the drivers by following the on-screen instructions.
3. Register your SSL2 to access the included SSL Production Pack software bundle, which typically includes DAWs, plugins, and samples.

### 2.3 Hardware Connection

Connect the SSL2 to your computer using the supplied USB-C cable. The interface is bus-powered, meaning it draws power directly from your computer via the USB connection. Connect your microphones, instruments, and monitors as described below.



Figure 2: Rear panel connections of the Solid State Logic SSL2 Audio Interface.

## 3. OPERATING THE SSL2

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### 3.1 Front Panel Controls



Figure 3: Close-up of SSL2 front panel controls.

- **Input Channels 1 & 2:** Each channel features an XLR/TRS combo jack for microphones or line-level instruments.
- **+48V Phantom Power:** Activates phantom power for condenser microphones.
- **Line/Inst Switch:** Toggles between line-level and instrument-level input impedance.
- **Gain Knobs:** Adjust the input gain for each channel. Monitor the input level using the LED meters.
- **Legacy 4K Button:** Engages the 4K analog enhancement, adding a subtle high-frequency boost and harmonic distortion inspired by classic SSL consoles.
- **Monitor Level:** Large central knob controls the overall output level to your studio monitors.
- **Monitor Mix:** Blends the input signal with the USB playback from your computer for zero-latency monitoring.
- **Headphone Level:** Dedicated knob for adjusting the headphone output volume.

### 3.2 Rear Panel Connections

- **USB-C Port:** Connects to your computer for data and power.
- **Kensington Lock:** For securing the device.
- **Monitor Outputs (L/R):** Balanced TRS outputs for connecting to studio monitors.
- **Inputs 1 & 2:** XLR/TRS combo jacks for connecting microphones or line-level instruments.

## 4. FEATURES

- **Class-Leading Mic Preamps:** Two high-quality microphone preamps offering 130.5dB EIN and 62dB of gain for pristine audio capture.
- **Pro-Studio Quality Components:** Equipped with Neutrik connectors and Alps pots for durability and reliable performance.
- **High Current Headphone Amp:** Provides clear and powerful headphone monitoring.
- **24-bit / 192 kHz AKM Converters:** Ensures high-fidelity audio conversion for recording and playback.
- **Legacy 4K Analog Enhancement:** Instantly adds a touch of classic SSL 4000 series console character to your recordings.
- **SSL Production Pack:** An exclusive software bundle included with your purchase, featuring various DAWs, plugins, and samples to kickstart your production.



Figure 4: The SSL Production Pack software bundle.

## 5. SPECIFICATIONS

Feature	Detail
Item Weight	2.53 pounds
Product Dimensions	11 x 8 x 4 inches
Item Model Number	SSL2
Compatible Devices	Personal Computer
Hardware Interface	USB
Supported Software	SSL Production Pack
Operating System	Windows, macOS
Connectivity Technology	USB
Number of Channels	4 (2 input, 2 output)

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the interface. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure all cables are securely connected and not under strain to prevent damage to ports or cables.
- **Software Updates:** Regularly check the Solid State Logic website for firmware and driver updates to ensure optimal performance and compatibility.

## 7. TROUBLESHOOTING

- **No Power/Connection:** Ensure the USB-C cable is securely connected to both the SSL2 and your computer. Try a different USB-C port or cable.

- **No Sound:**

- Check monitor and headphone levels.
- Verify the Monitor Mix knob is set correctly (between Input and USB).
- Ensure the SSL2 is selected as the audio input/output device in your computer's sound settings and your DAW.
- Confirm drivers are installed correctly.

- **Distorted Sound:**



- Reduce input gain to prevent clipping (red LEDs on the meter).
- Check for faulty cables or connections.
- Ensure sample rates match between your DAW and the SSL2 settings.



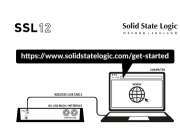

- **Phantom Power Not Working:** Ensure the +48V button is engaged for the correct channel.

## 8. WARRANTY & SUPPORT

The Solid State Logic SSL2 is covered by a manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please visit the official Solid State Logic website or contact their customer support directly. Keep your proof of purchase for warranty claims.

### Related Documents - SSL2

	<p><a href="#">SSL 2 USB Audio Interface User Guide</a></p> <p>Comprehensive user guide for the Solid State Logic SSL 2 USB audio interface, covering setup, features, connections, operation, and specifications for music production.</p>
	<p><a href="#">SSL 2+ USB Audio Interface User Guide</a></p> <p>Comprehensive user guide for the Solid State Logic SSL 2+ USB audio interface, covering setup, features, controls, connections, and troubleshooting for music production.</p>

	<p><a href="#">SSL 2+ MKII USB Audio Interface User Guide</a></p> <p>This comprehensive user guide for the Solid State Logic SSL 2+ MKII USB audio interface details its features, setup, and operation. Discover how to achieve studio-quality audio for your music production with its advanced preamps, high-resolution converters, and included software bundle.</p>
	<p><a href="#">Solid State Logic SSL 2+ MKII USB Audio Interface User Guide</a></p> <p>A comprehensive guide to the Solid State Logic SSL 2+ MKII USB audio interface, covering its features, setup, connections, front panel controls, DAW integration, and best practices for audio recording and monitoring.</p>
	<p><a href="#">Solid State Logic SSL 12 Quick Start Guide</a></p> <p>A concise guide to setting up and registering your Solid State Logic SSL 12 USB audio interface, including installation instructions for drivers and software.</p>
	<p><a href="#">Solid State Logic PURE DRIVE OCTO 8-Channel Mic Preamp User Guide</a></p> <p>Comprehensive user guide for the Solid State Logic PURE DRIVE OCTO, an 8-channel analogue mic preamp with digital connectivity, USB audio interface, and PureDrive technology. Learn about features, installation, hardware, connections, operation, settings, and specifications.</p>