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› [Digital Audio Labs](#) /

› Livemix CS-SOLO Personal Monitor Mixer User Manual

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Model: CS-SOLO

INTRODUCTION

The Livemix CS-SOLO from Digital Audio Labs is a versatile and compact personal monitor mixer designed for professional and volunteer use. It offers a comprehensive set of features, including 24 channels plus accessory channels, all with EQ and compression. The intuitive LCD touchscreen allows for custom mix naming, while dedicated physical knobs provide quick access to essential functions. The CS-SOLO is designed for seamless integration with Livemix Mix-16 or Mix-32 distribution modules, allowing for power and audio transmission, and even linking two CS-SOLO units to a single port. Conveniently located front panel ports include headphone out, USB, and aux-in for easy connectivity.

PRODUCT OVERVIEW

Familiarize yourself with the key components and controls of your Livemix CS-SOLO Personal Monitor Mixer.



Figure 1: Front panel of the Livemix CS-SOLO Personal Monitor Mixer. It features a central LCD touchscreen displaying channel names and levels (e.g., "Nathan VC", "Selena VC", "Nora VC", "Allison VC", "Nathan AG", "Eli EG 1", "Braxton EG 2", "Rachael Bass", "Sophie KeysL", "Sophie KeysR", "James PianoL", "James PianoR"). Below the screen are three large rotary knobs labeled "MASTER VOLUME", "ADJUST VOL & PAN", and "ME", each with a "PUSH FOR..." instruction. The bottom edge of the unit shows "HEADPHONES", "USB", and "AUX IN" ports.

- **LCD Touchscreen:** Displays channel information, mix settings, and allows for custom naming and navigation.
- **Master Volume Knob:** Controls the overall output volume of your personal mix. Push to access master setup options.
- **Adjust Volume & Pan Knob:** Used to adjust the volume and stereo panning for individual channels or groups.
- **ME Knob:** Push for group setup and other personalized settings.
- **Headphones Out:** Standard 1/4-inch stereo jack for connecting headphones.
- **USB Port:** For firmware updates or connecting to compatible devices.
- **Aux In:** Auxiliary input for connecting external audio sources.
- **CS Port In/Out/Thru:** RJ45 ports for connecting to Livemix Mix-16 or Mix-32 distribution modules and linking multiple CS-SOLO units.
- **Footswitch:** Input for an optional footswitch for remote control of certain functions.

1. **Power Connection:** Connect the CS-SOLO to a Livemix Mix-16 or Mix-32 distribution module using a standard Ethernet cable (Cat5e or Cat6) via the "CS PORT IN" port. This connection provides both power and audio signal.
2. **Headphone Connection:** Plug your headphones into the "HEADPHONES" jack on the front panel.
3. **Auxiliary Input (Optional):** If you wish to integrate an external audio source (e.g., a click track or metronome), connect it to the "AUX IN" port using an appropriate cable.
4. **Footswitch Connection (Optional):** For hands-free control of certain functions, connect a compatible footswitch to the "FOOTSWITCH" input.
5. **Linking Multiple CS-SOLO Units (Advanced):** To link two CS-SOLO units to a single port on a Mix-16 or Mix-32, connect the first CS-SOLO to the distribution module's port. Then, connect the "CS PORT THRU" of the first CS-SOLO to the "CS PORT IN" of the second CS-SOLO. This configuration allows both units to share the same port and access additional channels.

OPERATING INSTRUCTIONS

Basic Operation

- **Power On:** The unit powers on automatically when connected to a Livemix distribution module.
- **Adjusting Master Volume:** Rotate the **MASTER VOLUME** knob to control the overall loudness of your personal mix.
- **Selecting Channels:** Use the LCD touchscreen to select individual channels. Tapping a channel will highlight it and allow for further adjustments.
- **Adjusting Channel Volume and Pan:** Once a channel is selected on the touchscreen, use the **ADJUST VOL & PAN** knob to modify its volume and stereo panning.

Advanced Features

- **Custom Mix Naming:** Access the "Mix Tools" section on the touchscreen to customize the names of your mixes for easier identification.
- **EQ and Compression:** Each of the 24 channels and accessory channels features independent EQ and compression. Navigate through the touchscreen menus to access and adjust these parameters for a refined sound.
- **Accessory Channels:** Utilize the dedicated accessory channels for additional inputs or specific monitoring needs.
- **Group Setup (ME Knob):** Push the **ME** knob to enter the group setup menu. This allows you to create and manage groups of channels for simultaneous control, simplifying complex mixes.
- **Intercom Function:** The "INTERCOM" button on the touchscreen activates the intercom feature, allowing communication with other Livemix users on the network (if configured).
- **Show 13-24:** Tap the "Show 13-24" button on the touchscreen to toggle between the first 12 channels and channels 13-24, expanding your control over the full 24-channel capacity.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. For the LCD touchscreen, use a screen-specific cleaner and a microfiber cloth. Avoid abrasive cleaners or solvents.
- **Storage:** Store the CS-SOLO in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Firmware Updates:** Periodically check the Digital Audio Labs website for firmware updates. Updates can be

installed via the USB port. Follow the instructions provided with the firmware download carefully.

- **Cable Management:** Ensure all cables are properly routed and not under strain to prevent damage to the ports or cables themselves.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power to the unit.	Incorrect or loose Ethernet cable connection to the Livemix distribution module.	Ensure the Ethernet cable is securely connected to the "CS PORT IN" on the CS-SOLO and a powered port on the Mix-16/Mix-32. Verify the distribution module is powered on.
No audio output from headphones.	Headphones not properly connected; Master Volume too low; Channel volumes too low; Incorrect channel assignment on the distribution module.	Check headphone connection. Increase Master Volume and individual channel volumes. Verify channel assignments on the Livemix system.
LCD screen is unresponsive or frozen.	Temporary software glitch.	Disconnect and reconnect the power (Ethernet cable) to restart the unit. If the issue persists, check for firmware updates.
Distorted audio.	Input signal too hot; Volume levels too high; Faulty cable.	Reduce input gain from the source or on the Livemix distribution module. Lower Master Volume or individual channel volumes. Try a different cable.

If you encounter issues not listed here, please refer to the Digital Audio Labs support website or contact customer service.

SPECIFICATIONS

- **Model:** CS-SOLO
- **Brand:** Digital Audio Labs
- **Number of Channels:** 24 (plus accessory channels)
- **Connectivity Technology:** Interface (RJ45 for Livemix system integration)
- **Output Connector Type:** Auxiliary (Headphone Out)
- **Input Ports:** CS Port In, Aux In, Footswitch
- **Output Ports:** CS Port Out/Thru, Headphone Out
- **Dimensions:** Approximately 8.8 x 8.65 x 4 inches
- **Item Weight:** Approximately 2.01 pounds
- **Features:** LCD Touchscreen, EQ, Compression, Custom Mix Naming, Intercom Function

WARRANTY AND SUPPORT

Digital Audio Labs products are designed for reliability and performance. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official Digital Audio Labs website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or service inquiries, please contact Digital Audio Labs customer

support through their official website or the contact information provided in your product packaging. Online resources, including FAQs and firmware downloads, may also be available.

Digital Audio Labs Official Website: www.digitalaudiolabs.com *(Note: This is a placeholder URL. Please refer to your product documentation for the correct official website.)*

