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## SAMSON SASMIX

# Samson S-Mix 5-Channel Compact Mixer User Manual

## INTRODUCTION

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The Samson S-Mix is a compact 5-channel mixer designed for various audio applications. It integrates essential mixer functionalities into a small form factor, making it suitable for setups requiring multiple audio inputs and a single stereo output. This manual provides detailed instructions for the proper setup, operation, and maintenance of your S-Mix mixer.



Image: Samson S-Mix 5-Channel Compact Mixer. This image displays the compact mixer with its various input and output jacks, along with the individual volume control knobs for each channel.

## SETUP

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Follow these steps to correctly set up your Samson S-Mix compact mixer:

- Power Connection:** Connect the supplied 18V AC power adapter to the DC input jack on the S-Mix. Plug the adapter into a standard electrical outlet. Ensure the power source matches the adapter's specifications.
- Microphone Input:** For a balanced microphone, connect an XLR cable from your microphone to the XLR input on the S-Mix. If using a condenser microphone, ensure phantom power is enabled (refer to the device's specific instructions if an external phantom power source is required, as the S-Mix provides phantom power directly). Adjust the microphone's volume using its dedicated control knob.
- Line Inputs:** Connect line-level devices (e.g., instruments, audio players) to the two 1/4-inch Super-Z high impedance line inputs. Use standard 1/4-inch TS or TRS cables. Adjust the volume for these inputs using their respective control knobs.
- Stereo RCA Input:** For stereo audio sources (e.g., CD players, media players), connect RCA cables to the stereo RCA input jacks. Adjust the volume using the dedicated stereo channel control.
- Output Connection:** Connect the 1/4-inch stereo outputs of the S-Mix to your amplifier, powered

speakers, or recording device using 1/4-inch TS or TRS cables. Ensure the output device is powered off before making connections.

6. **Initial Volume Settings:** Before powering on, set all volume controls on the S-Mix to their minimum position. Gradually increase volumes after all connections are made and devices are powered on.

## OPERATING INSTRUCTIONS

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The Samson S-Mix provides intuitive controls for managing your audio signals:

- **Individual Volume Controls:** Each input channel (microphone, line 1, line 2, stereo RCA) has its own rotary volume knob. Rotate clockwise to increase volume and counter-clockwise to decrease it.
- **Master Output Level:** While the S-Mix does not feature a single master output knob, the overall output level is a sum of the individual channel volumes. Adjust each channel's volume to achieve the desired mix and overall output level for your connected amplifier or recording device.
- **Phantom Power:** The XLR microphone input provides phantom power for condenser microphones. No separate switch is required; it is always active when a microphone is connected to the XLR input.
- **Signal Monitoring:** Listen to the output through your connected speakers or headphones to monitor the audio mix. Adjust individual channel volumes as needed to balance the sound.

## MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your S-Mix mixer:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish and internal components.
- **Storage:** When not in use, store the mixer in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Handle the mixer with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal circuitry.
- **Power Adapter:** Always use the original power adapter supplied with the unit. Using an incorrect adapter can cause damage or malfunction.

## TROUBLESHOOTING

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If you encounter issues with your Samson S-Mix, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none"><li>• Power adapter not connected or faulty.</li><li>• Input/output cables incorrectly connected or faulty.</li><li>• Volume knobs set too low.</li><li>• Connected devices (microphone, speakers) are off or faulty.</li></ul>	<ul style="list-style-type: none"><li>• Ensure power adapter is securely connected and outlet is active.</li><li>• Check all cable connections for proper seating and integrity.</li><li>• Increase individual channel volume knobs.</li><li>• Verify connected microphones, instruments, and speakers are powered on and functioning.</li></ul>

Problem	Possible Cause	Solution
Distorted sound	<ul style="list-style-type: none"> <li>• Input signal too strong (clipping).</li> <li>• Output level too high for connected device.</li> <li>• Faulty cables or connections.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce the volume of the input source or the S-Mix channel volume.</li> <li>• Lower the output volume on the S-Mix or the input sensitivity on the connected amplifier/speakers.</li> <li>• Replace cables to check for improvement.</li> </ul>
Hum or noise	<ul style="list-style-type: none"> <li>• Ground loop issue.</li> <li>• Interference from other electronic devices.</li> <li>• Faulty cables.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure all audio equipment is plugged into the same electrical circuit.</li> <li>• Move the mixer away from power supplies, computers, or other sources of electromagnetic interference.</li> <li>• Use shielded cables.</li> </ul>

## SPECIFICATIONS

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Technical specifications for the Samson S-Mix 5-Channel Compact Mixer:

- **Model:** SASMIX
- **Number of Channels:** 5
- **Inputs:** 1 x XLR (balanced microphone with phantom power), 2 x 1/4-inch (Super-Z high impedance line), 1 x Stereo RCA (L/R)
- **Outputs:** 2 x 1/4-inch (stereo)
- **Power Source:** Corded Electric
- **Voltage:** 18 Volts
- **Item Weight:** 1.5 pounds (0.68 kg)
- **Product Dimensions:** 9.75 x 7.25 x 2.75 inches (24.77 x 18.42 x 6.99 cm)
- **Connectivity Technology:** XLR, 1/4-inch, RCA

## WARRANTY INFORMATION

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Samson products are designed and manufactured to high quality standards. For specific warranty terms and conditions applicable to your S-Mix mixer, please refer to the warranty card included with your product or visit the official Samson website. Warranty coverage typically includes defects in materials and workmanship under normal use for a specified period from the date of purchase.

## SUPPORT

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For technical assistance, product inquiries, or service requests, please contact Samson customer support. You can find contact information, FAQs, and additional resources on the official Samson website:

**Samson Technologies Official Website:** [www.samsontech.com](http://www.samsontech.com)

Please have your product model (SASMIX) and serial number ready when contacting support.

