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Shure SCM262

Shure SCM262 Stereo Microphone Mixer User Manual

Model: SCM262 | Brand: Shure

Introduction

The Shure SCM262 is a stereo microphone mixer designed for sound reinforcement applications that integrate microphones with consumer stereo products. It offers a straightforward interface with essential controls for managing audio inputs and outputs. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your SCM262 mixer.



Front view of the Shure SCM262 Stereo Microphone Mixer, showing input level controls, tone controls, and master volume.

Key Features

- Three unbalanced stereo aux level inputs for use in sound reinforcement applications
- One unbalanced stereo output (Two phono connectors)
- One balanced stereo mic/line output (Two 1/4 inch TRS connectors)
- 12V phantom power for condenser microphones
- Juke Box Muting and "Paging with Ducking" Functions: Juke Box Mute feature mutes background audio signal when a connected juke box is active. Paging with Ducking allows the SCM262 to be used as a paging mixer
- Unit fits into a half-rack space and includes all the necessary rack mounting hardware

Setup Guide

1. Unpacking and Inspection

Carefully remove the SCM262 mixer from its packaging. Inspect the unit for any signs of damage during transit. Ensure all included accessories, such as the power supply and rack mounting hardware, are present.

2. Placement

The SCM262 is designed to fit into a half-rack space. For optimal performance, place the mixer on a stable, flat surface or install it in a standard equipment rack using the provided hardware. Ensure adequate ventilation around the unit to prevent overheating.

3. Power Connection

Connect the supplied power adapter to the DC input jack on the rear panel of the SCM262. Plug the power adapter into a suitable AC power outlet. Do not power on the unit until all audio connections are made.

4. Audio Connections

The SCM262 features 2 active-balanced microphone inputs (XLR) and 3 unbalanced stereo auxiliary level inputs (RCA). It also has one unbalanced stereo output (RCA) and one balanced stereo mic/line output (1/4 inch TRS). Refer to the following for typical connections:

- **Microphone Inputs (MIC 1, MIC 2):** Connect balanced microphones using XLR cables. These inputs provide 12V phantom power for condenser microphones.
- **Stereo Auxiliary Inputs (STEREO 1, STEREO 2, STEREO 3):** Connect consumer stereo products (e.g., CD players, media players) using RCA cables.
- **Unbalanced Stereo Output (PHONO):** Connect to consumer-level audio equipment using RCA cables.
- **Balanced Stereo Mic/Line Output (TRS):** Connect to professional audio equipment (e.g., power amplifiers, recording interfaces) using 1/4 inch TRS cables.



Rear view of the Shure SCM262 Stereo Microphone Mixer, showing various input and output connections.

Operating Instructions

1. Power On

After all connections are made, press the POWER switch on the front panel to turn on the unit. The power indicator LED will illuminate.

2. Adjusting Input Levels

Use the individual MIC 1, MIC 2, STEREO 1, STEREO 2, and STEREO 3 knobs on the front panel to adjust the input level for each connected source. Start with these knobs at their minimum setting and gradually increase them until the desired level is achieved. Avoid setting levels too high, which can cause distortion.

3. Tone Controls

The BASS and TREBLE knobs allow you to adjust the overall tonal characteristics of the mixed audio. Turn the BASS knob clockwise to increase low frequencies and counter-clockwise to decrease them. Similarly, turn the TREBLE knob clockwise to increase high frequencies and counter-clockwise to decrease them.

4. Master Volume

The MASTER knob controls the overall output volume of the mixer. Adjust this knob to set the final volume level for your sound system or recording device.

5. Ducking and Mute Functions

The SCM262 includes a Juke Box Mute feature that mutes background audio when a connected juke box is active. The Paging with Ducking function allows the microphone input to automatically lower the volume of other audio sources when someone speaks into the microphone, making it ideal for paging applications.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure that the ventilation openings are not blocked. Proper airflow is crucial for preventing overheating.
- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place, away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
No sound output.	Power off; incorrect connections; input/master volume too low.	Check power, ensure all cables are correctly connected, increase input and master volume knobs.
Distorted audio.	Input or output levels too high.	Reduce input or master volume levels. Check source device output levels.
Hum or noise.	Ground loop; faulty cables; interference.	Use balanced cables where possible. Check cable integrity. Ensure proper grounding of all equipment.
Microphone not working.	Incorrect phantom power setting; faulty microphone/cable.	Ensure 12V phantom power is enabled for condenser mics. Test with a known working microphone and cable.

Specifications

Feature	Detail
Item Weight	5.21 pounds
Product Dimensions	14.1 x 10.3 x 3.2 inches
Item model number	SCM262
Connector Type	XLR Connector
Mixer Channel Quantity	5 (2 Mic, 3 Stereo Aux)
Power Source	Corded Electric
Voltage	12 Volts
Microphone Channels	2
Connectivity Technology	Auxiliary
Output Connector type	XLR, RCA, 1/4 inch TRS

Warranty Information

For detailed warranty information, please refer to the official Shure warranty document. A PDF version of the warranty can be found here.

Customer Support

For further assistance, technical support, or service inquiries, please visit the official Shure website or contact their customer support team. You can also visit the Shure Store on Amazon for more product information.

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