



Manuals.plus /

› Stagg /

› Stagg SUM40 Vocal Condenser Microphone User Manual

Stagg SUM40

Stagg SUM40 Vocal Condenser Microphone User Manual

Model: SUM40

1. INTRODUCTION

This manual provides detailed instructions for the Stagg SUM40 USB Vocal Condenser Microphone. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. Please read this manual thoroughly before using the microphone.

2. PRODUCT OVERVIEW

The Stagg SUM40 is a USB back electret condenser microphone designed for recording vocals and instruments. It features a cardioid polar pattern, ensuring clear sound capture by focusing on the sound source directly in front of the microphone while minimizing side and rear noise. Its smooth frequency response contributes to a precise sound.



Image 2.1: Front view of the Stagg SUM40 USB Condenser Microphone with its shock mount.



Image 2.2: Side view of the Stagg SUM40 USB Condenser Microphone.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Stagg SUM40 USB Condenser Microphone
- USB Cable
- Shock Mount



Image 3.1: Stagg SUM40 Microphone Retail Packaging.

4. SETUP

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Mounting:** Attach the Stagg SUM40 microphone to the included shock mount. The shock mount helps to isolate the microphone from vibrations and handling noise.
3. **Connection to Computer:** Connect the Type B USB connector on the microphone to an available USB port on your computer using the provided USB cable. The microphone is compatible with Windows and Mac OS X operating systems and does not require additional drivers.
4. **Headphone Monitoring:** For direct monitoring of your audio, connect 3.5 mm (1/8") headphones to the headphone output mini jack located on the microphone.



Image 4.1: USB Type B and 3.5mm Headphone Ports.

5. OPERATING INSTRUCTIONS

1. **Software Setup:** Once connected, your computer should recognize the Stagg SUM40 as an audio input device. Select it as the input device in your recording software or system sound settings.
2. **Positioning:** Position the microphone approximately 6-12 inches (15-30 cm) from the sound source. Due to its cardioid polar pattern, aim the front of the microphone (where the Stagg logo is visible) directly at the sound source for best results.
3. **Gain Adjustment:** Adjust the input gain level in your recording software to achieve an optimal recording level without clipping (distortion).
4. **Monitoring:** Use the headphone output on the microphone to monitor your audio in real-time without latency.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the microphone's exterior. Avoid using liquid cleaners or solvents.
- **Storage:** When not in use, store the microphone in a dry, dust-free environment.
- **Handling:** Handle the microphone and shock mount with care to prevent damage. Avoid dropping the device.

7. TROUBLESHOOTING

No Sound / Microphone Not Detected:

- Ensure the USB cable is securely connected to both the microphone and the computer.
- Try a different USB port on your computer.
- Verify that the Stagg SUM40 is selected as the input device in your computer's sound settings and recording software.
- Restart your computer.

Distorted Sound:

- Reduce the input gain level in your recording software.
- Ensure the microphone is not too close to the sound source.

Low Volume:

- Increase the input gain level in your recording software.
- Ensure the microphone is positioned correctly towards the sound source.

Humming/Buzzing Noise:

- Ensure all cables are properly connected.
- Try connecting the computer to a different power outlet.
- Move the microphone away from other electronic devices that might cause interference.

8. SPECIFICATIONS

Feature	Specification
Model Number	SUM40
Capsule Type	Condenser (Back Electret)
Polar Pattern	Cardioid (Unidirectional)
Connectivity	USB Type B
Headphone Output	3.5 mm (1/8") Mini Jack
Sensitivity	-53 dB +/- 3 dB
Frequency Response	50 Hz to 18 kHz
Maximum Sound Pressure Level (SPL)	75 dB
Signal-to-Noise Ratio	75 dB
Compatibility	Windows and Mac OS X (driver-free)
Power Source	Corded Electric (USB Powered)
Color	Black
Item Weight	1.6 pounds
Package Dimensions	9.2 x 7.1 x 2.2 inches

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Stagg SUM40 microphone, please contact Stagg customer service or visit the official Stagg website. Keep your purchase receipt as proof of purchase.