

SINWE G1

SINWE G1 Gaming Audio Mixer Instruction Manual

Model: G1

1. INTRODUCTION

The SINWE G1 Gaming Audio Mixer is a versatile audio interface designed for gamers, streamers, podcasters, and content creators. It features studio-grade audio processing, customizable RGB lighting, and intuitive controls to enhance your audio experience. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your G1 mixer.

2. SAFETY INFORMATION

- Do not expose the device to water or excessive moisture.
- Avoid placing the device near heat sources or in direct sunlight.
- Use only the provided power adapter and cables.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Ensure all items are present in the package:

- SINWE G1 Gaming Audio Mixer
- USB-C Cable
- TRRS Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the various components and controls of your SINWE G1 mixer.



Figure 4.1: Front view of the SINWE G1 Gaming Audio Mixer, showcasing its white casing, various colorful buttons, faders, and knobs for audio control and RGB lighting.

Available for common devices and software



Twitch / OBS / Discord / Facebook / YouTube / Tiktok



Computer/PC/Tablet/
Smartphone/PS5/PS4



Figure 4.2: Rear view of the SINWE G1 Gaming Audio Mixer, displaying the power button, DC-5V input, USB port, AUX IN, OUT, Headphone, and XLR input ports.

5. SETUP

5.1. Connecting the Microphone

The G1 mixer supports both dynamic and condenser XLR microphones. Ensure the microphone is properly connected for optimal audio quality.

Your browser does not support the video tag.

Video 5.1: Detailed guide on connecting an XLR microphone to the SINWE G1 mixer, including proper cable handling and connection points for both dynamic and condenser microphones.

5.1.1. Condenser Microphones

For condenser microphones, the G1 provides 48V Phantom Power. This power is essential for the microphone to function.

1. Ensure all volume knobs and faders on the mixer are at their minimum (zero) position to prevent sudden loud noises.

2. Connect your condenser microphone to the XLR input port on the mixer using an XLR cable.
3. Press the '48V' button on the mixer to activate phantom power. The indicator light will illuminate.
4. Slowly increase the 'Mic Gain' knob and the microphone fader to a suitable level.
5. Adjust the 'Headphones' knob to monitor your audio.

5.1.2. Dynamic Microphones

Dynamic microphones typically do not require phantom power.

1. Ensure all volume knobs and faders on the mixer are at their minimum (zero) position.
2. Connect your dynamic microphone to the XLR input port on the mixer using an XLR cable.
3. Do NOT press the '48V' button.
4. Slowly increase the 'Mic Gain' knob and the microphone fader to a suitable level.
5. Adjust the 'Headphones' knob to monitor your audio.

NO EXTRA MIC PREAMP IS NEEDED!

Plug and play your high-end dynamic and condensers microphone effortlessly

55dB

48V

XLR Input
Embrace the Clear Audio

Dynamic Microphone

Condenser Microphone

Shure
SM7B
MV7
SM58

Audio Technica
AT2020
AT2035

Samson
Q2U
Q9U

MORE

Figure 5.1: Close-up of the XLR input and 48V phantom power button on the SINWE G1, highlighting its capability to power high-end dynamic and condenser microphones.

5.2. Connecting to Devices

The G1 mixer offers multiple connectivity options:

- **USB-C:** Connect the mixer to your PC, PS4/PS5, or smartphone using the provided USB-C cable. This connection handles both audio input and output.
- **TTRS:** Use the TTRS cable to connect to smartphones or other devices with a 3.5mm audio jack for auxiliary input/output.
- **Bluetooth:** Activate Bluetooth on the mixer and pair it with your device for wireless audio input (e.g., background music).



Figure 5.2: The rear panel of the SINWE G1 mixer, showing various ports for USB, AUX, and XLR connections, compatible with PC, PS4/5, and mobile devices.

6. OPERATING INSTRUCTIONS

6.1. Audio Control

- **Mic Gain Knob:** Adjusts the input sensitivity of the microphone. Turn clockwise to increase gain, counter-clockwise

to decrease.

- **Microphone Fader:** Controls the overall volume of the microphone output.
- **Music Fader:** Controls the volume of the music input (from Bluetooth or AUX IN).
- **Reverb Knob:** Adjusts the amount of reverb effect applied to the microphone audio.
- **Headphones Knob:** Controls the volume of the headphone output for monitoring.

6.2. Special Features

- **Voice Change:** Press this button to cycle through different voice modulation effects (e.g., female, male, baby, robot).
- **Sound Pads (A-F):** These six customizable sound pads can be programmed with short audio clips for instant playback. Refer to the detailed programming instructions in the full user manual for recording custom sounds.
- **Noise Reducer:** Activates a 3-level intelligent noise reduction feature to minimize background noise. Press to cycle through levels.
- **Loopback:** Enables or disables the loopback function, which allows the mixer to send all audio outputs (including system sounds) back into the input for streaming or recording.
- **Direct Monitor:** Allows you to hear your microphone input directly through your headphones without any processing delay.
- **SideChain:** Activates the sidechain effect, which can automatically duck music volume when you speak into the microphone.
- **RGB:** Cycles through 12 dynamic RGB lighting modes for aesthetic customization. Hold the button to turn off RGB lights.
- **One-Key Mute:** Dedicated buttons for muting microphone and music inputs instantly.

4 Voice Changer & Multiple sound effects

Immerse Yourself in a Unique Gaming Experience



Figure 6.1: The SINWE G1's interface showing the voice changer options (Female, Baby, Male, Robot) and customizable sound pads for various effects.

3-Level Intelligent Noise Reduction



**1-Level
Noise Reduction**



**2-Level
Noise Reduction**



**3-Level
Noise Reduction**

Figure 6.2: Illustration of the 3-level intelligent noise reduction feature on the SINWE G1, demonstrating its effectiveness in different audio environments.

One Key Voice & Music Mute

Microphone and music can be muted with one click.
Protect privacy and avoid sudden embarrassment!


Music Mute


Voice Mute



Figure 6.3: The SINWE G1's dedicated one-key mute buttons for both voice and music, allowing for quick and easy audio control during live sessions.

7. MAINTENANCE

- Clean the mixer regularly with a soft, dry cloth.
- Do not use abrasive cleaners or solvents.
- Keep the ports free of dust and debris.
- Store the device in a cool, dry place when not in use.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No audio output	Incorrect cable connection; Volume too low; Mute activated.	Check all cable connections; Increase volume faders/knobs; Deactivate mute buttons.

Problem	Possible Cause	Solution
Microphone not working	48V Phantom Power off (for condenser mics); Incorrect mic gain; Faulty microphone/cable.	Activate 48V (if needed); Adjust 'Mic Gain' knob; Test with another microphone/cable.
Background noise/hum	High gain setting; Electrical interference; Noise Reducer off.	Reduce 'Mic Gain'; Ensure proper grounding; Activate 'Noise Reducer'.
Bluetooth not connecting	Mixer not in pairing mode; Device too far; Interference.	Ensure 'BT' button is active; Move device closer; Restart both devices.

9. SPECIFICATIONS

- **Model:** G1
- **Brand:** SINWE
- **Item Weight:** 1.3 pounds
- **Product Dimensions:** 5.51 x 1.57 x 7.08 inches
- **Number of Channels:** 4
- **Connectivity Technology:** Bluetooth, Auxiliary, USB
- **Output Connector Type:** USB
- **Power Source:** Corded Electric
- **Phantom Power:** 48V (for condenser microphones)
- **Preamp Gain:** 55dB

10. WARRANTY AND SUPPORT

SINWE products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official SINWE website. For technical support, troubleshooting assistance, or service inquiries, please contact SINWE customer support through the contact information provided on the official website or your purchase platform.

Official SINWE Store: [Visit the SINWE Store on Amazon](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question