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Maonocaster G1 Neo Gaming Audio Mixer User Manual

**Global Best Selling
Internet Microphone**

**User Manual
Gaming Audio Mixer
For Computer & Smartphone**

Maono[ˈmɑnoʊ], meaning "vision" in Kiswahili, is the Global Best Selling Internet Microphone Brand that products are sold well in 153 countries worldwide. With the beautiful vision of becoming a global leading brand of Internet audio products that deliver a pleasant sound experience, Maono is always working with audio professionals, influencers, and users, to make the world's best microphones and audio products.

Thanks for choosing Maonocaster G1 Neo Gaming Audio Mixer .
Please read the User manual carefully to have a better using experience.

Contents

Accessory List

Maonocaster G1 Neo Gaming Audio Mixer
3.5mm TRS Audio Cable
USB-A to C Cable
User Manual

Description

The Maonocaster G1 Neo Gaming Audio Mixer represents the latest advancement in the esteemed Maonocaster series. Boasting a captivating RGB lighting design, the G1 Neo not only delivers exceptional audio performance but also adds a visually striking element to your gaming and streaming setup. Its compact design ensures a seamless integration into your workplace.
We have reengineered the I/O configuration to enhance compatibility and performance specifically with PCs. With its XLR input featuring built-in phantom power and premium preamps, the G1 Neo allows you to effortlessly connect your preferred XLR condenser or dynamic microphone, ensuring professional-grade audio capture.
Whether you opt for Bluetooth connectivity or the 3.5mm AUX input, the G1 Neo provides versatile accompaniment options, catering to your specific needs. Further-more, the inclusion of pitch presets, reverb, and four customizable sound pads empowers you to elevate your gaming and content creation endeavors, enabling a more immersive and engaging experience.

Features

- XLR microphone input with powerful preamp
- 48V phantom power for condenser microphone
- Bluetooth and AUX input to enrich your content
- Microphone and background music volume control
- Fast mute for inputs
- Two-level noise canceling to reduce ambient noise
- Direct monitoring and loopback switch
- USB-C for easy connection with computers and mobile devices
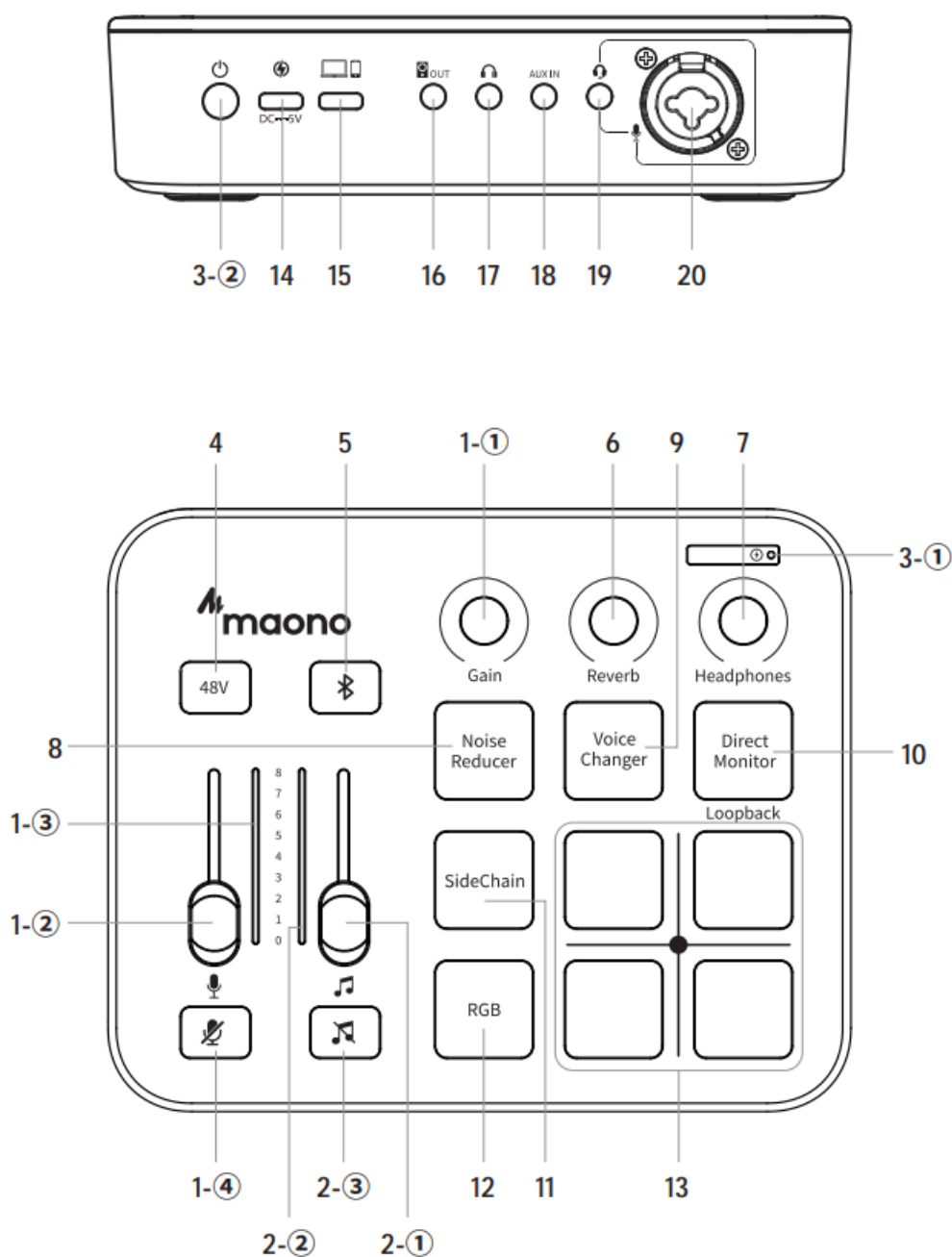- Compatible with Windows, macOS, Android, iOS

Applications

Gaming, Streaming, Podcasting, and Recording on computers, tablets, and smartphones.
Compatible with mainstream recording and streaming software.

Specification

Data Connectivity	USB-C
Frequency Response	20Hz-20kHz
THD	THD<0.05% 1kHz
Headphone Output	20mW, 32Ω (1kHz, THD+N=1%)
Sample Rate	48kHz /16bit
Wireless Connectivity	Bluetooth 5.0
Dimension	6.29*5.19*2in

Layout

1. Microphone gain knob_①, Mic Volume fader_②, level meter_③, and Microphone mute_④

First, rotate the gain knob to the left and right to control the microphone's gain. Then, slide the fader to control the XLR microphone or headset's microphone volume. The color of the level meter indicates the level, with red

indicating peaking, which may result in distorted audio. To achieve the best audio quality, please keep the level meter in the green and orange sections. Short press the mute button to mute the microphone input.

Note:

1.1. The gain knob does not control the gain of the headset microphone.

1.2. Keeping the gain low will reduce the amount of environmental noise being recorded.

2. Accompaniment volume fader_①, level meter_②, and mute_③

Slide the fade to control the volume of audio input from USB-C input port, 3.5mm accompaniment input and Bluetooth input. To have more precise control, we recommend only using one type of accompaniment at a time. Short press the mute button to mute the accompaniment input.

3. Power indicator_①and power button_②

Long press the power button to turn on and off the device.

4. 48V phantom power supply switch

This button controls the phantom power of XLR microphone input . When the button is turned on, the LED indicator turns red. Whether to turn on phantom power depends on the type of XLR microphone you are using. In most cases, only XLR condenser microphones require phantom power to function. If your microphone does not require phantom power, turning it on may damage it.

Tip: Phantom power cannot be turned on when there is no XLR microphone connected.

If you don't know what type of microphone you have, please contact your microphone manufacturer for confirmation.

Select Maono XLR condenser microphone models: PM320, PM350, PM500, A03Pro

Select Maono XLR dynamic microphone models: PD80, PD100, PD100X, PD200X, PD300X, PD400X, HD300

5. Bluetooth LED indicator and switch

5.1. After turning on the Bluetooth by long press the switch button, the LED indicator flashes and the device actively searches for and connects to paired devices. The indicator remains solid after a successful connection.

5.2. Press and hold the Bluetooth button for more than 2 seconds to turn the Bluetooth off.

6. Reverb

Use the knob to control the level of reverb effect. Rotate all the way to the left to turn off reverb.

7. Headphones Volume

Please adjust the Headphones knob to the right to regulate the volume of the headphones.

8. Noise Reducer

This feature can reduce background noise during recording. Short press to enter the low noise cancellation mode, and short press again to enter the high noise cancellation mode. Short press for the third time to turn off the noise cancellation. The LED indicator displays the current status.

9. Voice Changer

This feature adds pitch-changing effects to the microphone input.

Short press to cycle through available pitch presets and turn off the pitch-changing feature.

The LED indicator displays the current status.

10. Direct Monitor and Loopback

Direct Monitor is turned on and the loopback is turned off by default.

If you don't want to hear your own voice recorded via microphone, you can turn off the Direct Monitor feature.

If the Loopback feature is enabled, the audio sent to the device via USB will be sent back to the USB connected device; if it is disabled, the audio sent to the device can be heard through the headphones, but will not be recorded. Turning off this feature can avoid unwanted echos.

Button Operation	Function
Short Press	Turning On/Off Direct Monitor
Long Press >2 Second	Turning On/Off Loopback

Status	LED Indicator
Direct Monitor Off, Loopback Off	⬜
Direct Monitor On, Loopback Off	🟥
Direct Monitor Off, Loopback On	🟦
Direct Monitor On, Loopback On	🟪

Tips: Voice prompts and LED indicator shows the current status.

11. SideChain

The SideChain function automatically lowers the volume of background music when you start to speak, highlighting your voice in streaming and podcasts.

12. RGB Switch

Short press to cycle through available RGB modes.

Long press to turn off the RGB mode.

13. Custom Soundpad Buttons

The Maonocaster G1 Neo provides users with four custom sound effect buttons. Users can record their favorite songs, music, beats, and other sound clips into the device using the microphone, external audio accompaniment, or Bluetooth input for live broadcasting and recording purposes. Each button can record sound effects for approx. 20s.

Please note that the product does not have preloaded custom sound effects and needs to be recorded by the user first.

13.1 Erasing existing sound effects:

Press and hold any of the previously recorded custom keys for more than 3 seconds. During this time, the LED indicator will turn on and flash quickly, indicating that it has entered the recording erasing state. The light will go out when the erasing is completed.

13.2 Sound effect recording:

Regardless of whether there are special effects stored in the custom keys or not, the previously recorded special effects must be erased first. To do this, short press the corresponding custom key for erasing, and the light will flash slowly, indicating that it is in the recording state.

The light will go out when the recording is completed. During the recording process, short press the corresponding custom key to stop the recording.

Note: Each custom key has limited storage space. When the memory of a specific custom key is full, the device will automatically stop recording. At this point, the light will automatically go out.

13.4 Playing custom sound:

Short press any of the previously recorded custom keys to start playing the recorded sound clips. The LED indicator will remain on until the playback is completed. During playback, you can short press to stop the playback.

14. DC 5V Interface

    This interface is solely used for powering the device. When using the G1 Neo with a mobile device such as a cellphone, you can connect an external power supply to provide power. The G1 Neo will prioritize drawing power from this interface rather than the USB-C data interface on the right.

15. USB-C Data Interface with bus power

    The data interface can be used for audio data communication with computers and mobile devices. If the 14. DC 5V interface is not connected to an external power supply, the G1Neo will be bus-powered through this interface.

    Note:

    (1) Android phones need to support the USB host feature and have it enabled.

    (2) iPhones with a Lightning connector require a Lightning to USB Camera Adapter from Apple in order to connect to the G1 Neo.

16. 3.5mm Line Out

    It can be used to connect to a powered speaker or a streaming PC in a dual-PC streaming setup.

17. 3.5mm Headphone Jack

    Supports cell phone headsets (TRRS plug), studio headphones (TRS plug).

    If you need to use the microphone of the headset, please connect it to the 19. TRRS Jack

18. 3.5mm AUX IN

    Connect external audio sources for easy playback of background music during streaming and recording through an 3.5mm TRS to TRS audio cable.

19. 3.5mm TRRS Headset Jack

    It supports a 3.5mm TRRS plug headset in the CTIA standard.

    You can only use either an XLR microphone or a headset, but not both simultaneously.

    When connecting a TRRS headset to this interface, the XLR input will be automatically disabled.
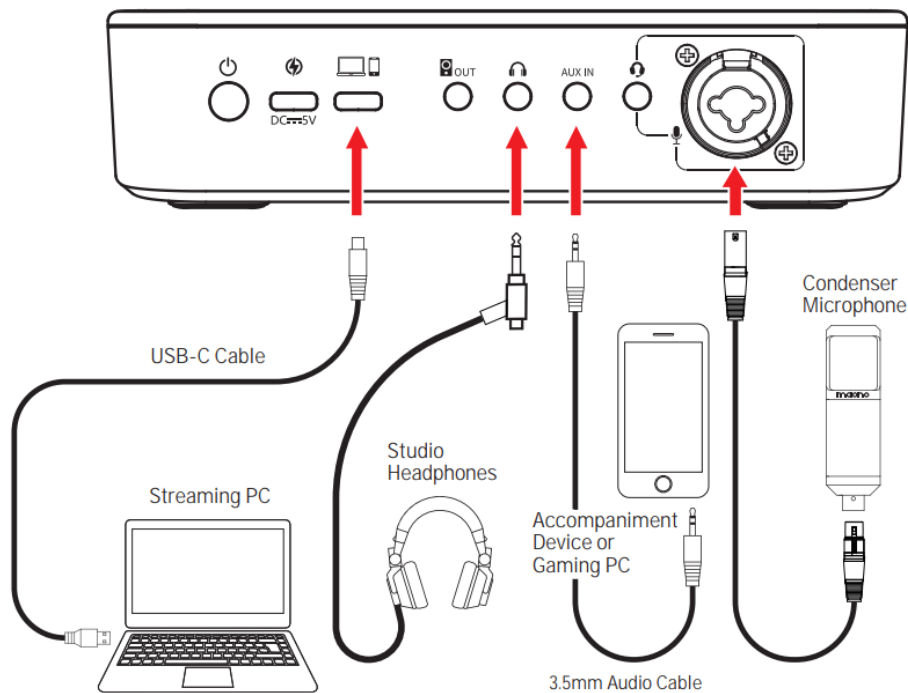
20. Combo XLR/TRS microphone interface

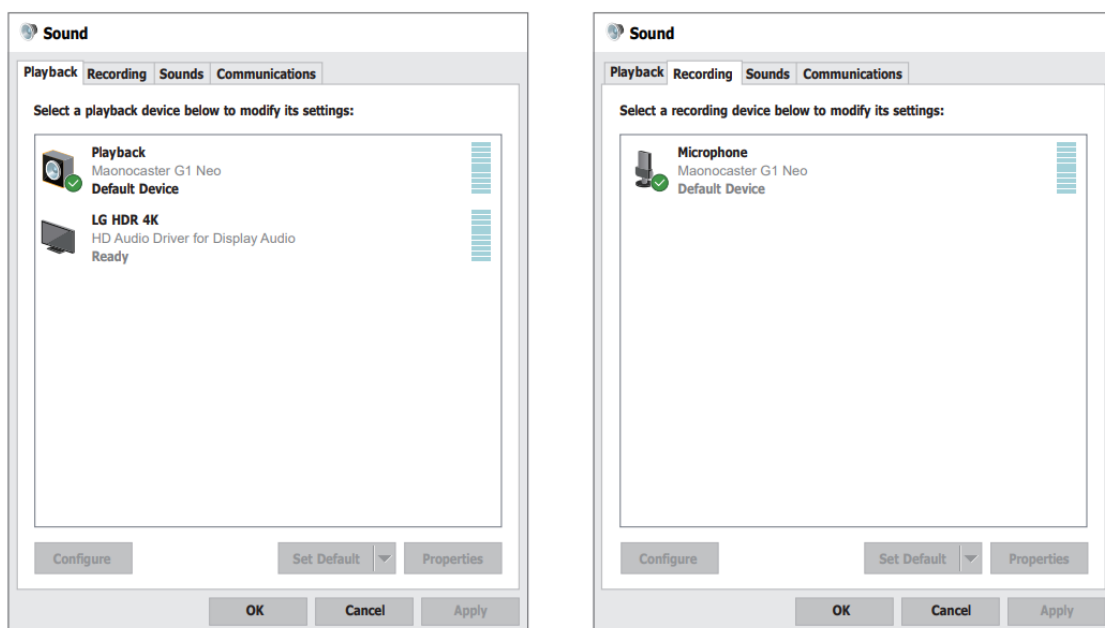   Supports XLR or ¼"(6.35mm) plug microphone input.

    Supports both dynamic and condenser microphones.
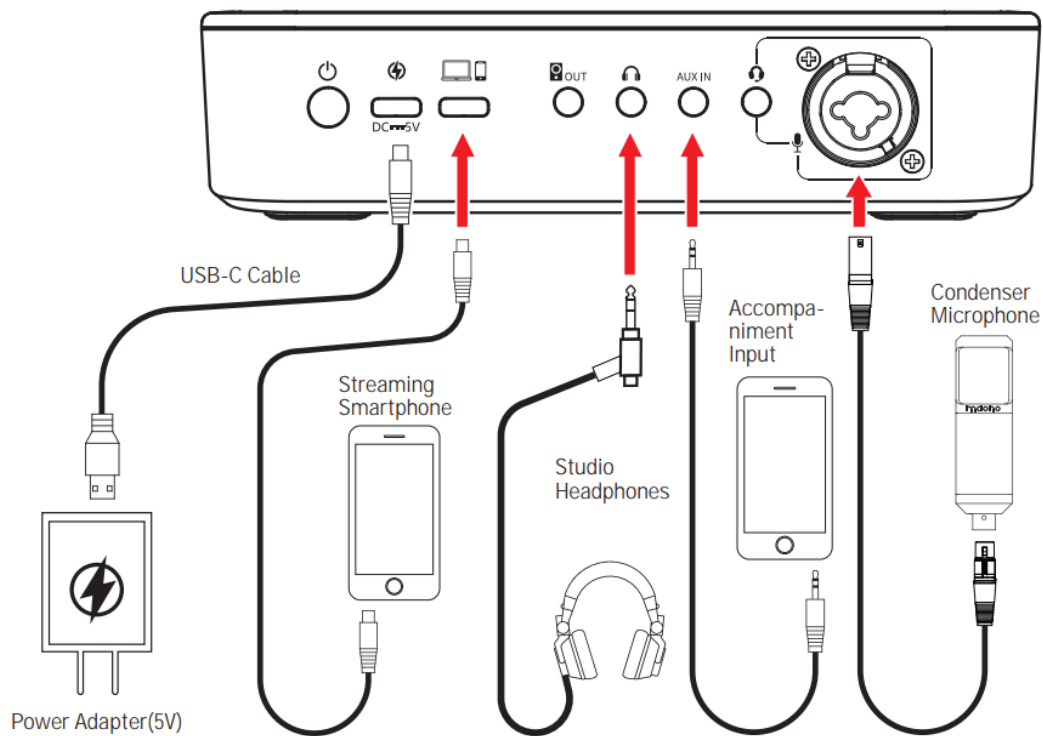
Setup Guide

1. PC Streaming

1. Connect the accompaniment source (mobile phone), headphones, and microphone to the sound card as shown in the figure.
2. Use the included USB-C data cable to connect the computer and the Maonocaster G1 Neo. The computer will automatically recognize the device and install the driver.
3. Enter the sound control panel of Windows, and set the "Maonocaster G1 Neo" as the system default playback and recording device in "playback" and "recording".

4. Open the streaming or recording software on your computer, and confirm "Maonocaster G1 Neo" is set as default audio recording and playback device.

Tips: Connecting your Gaming PC's audio output to AUX port with a 3.5mm cable then connecting your Streaming PC with USB-C will allow a Dual PC streaming setup.

2. Smartphone Connection

USB-C Cable

Power Adapter(5V)

Streaming Smartphone

Studio Headphones
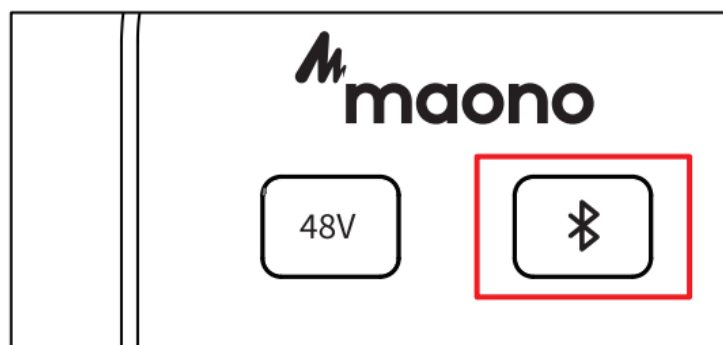
Accompaniment Input

Condenser Microphone

1. Connect the streaming phone, accompaniment device, headphones and microphone as shown in the figure.

2. Turn on the power and adjust the various required sound effects.

3. Use an App to start streaming or recording.

Maonocaster G1 Neo only supports one microphone input and is suitable for single-person recording live streaming.

3. Bluetooth Connectivity
Maonocaster G1 Neo supports Bluetooth audio input for background music and accompaniment.
(You can also refer to Item No.5 in function guide)

Pairing and connection:

1. Turn on the device and the Bluetooth indicator starts flashing.

2. Search for the device in your smartphone's Bluetooth menu and find the "Maonocaster G1 Neo" Bluetooth device and click the name to connect.

3. Bluetooth indicator remains solid after successful connection.

4. Play your desired music or audio on your smartphone.

5. Use a streaming or recording App on your phone to start content creation.

Notes:

- Bluetooth connection is limited by distance. Do not place the phone too far away.
- The Bluetooth connectivity is only for audio input.

4. Troubleshooting
4.1 Unable to power on
① Please check if the device is powered by USB bus or an external power supply.

② Press and hold the ⏻ Logo button for more than 3 seconds to turn on the device.
4.2 No sound from the external audio source
① Check if the external audio source is connected to the AUX input or Bluetooth.

② Check the 🎵 AUX volume fader and slide it upward to gradually increase the volume.

③ Check if the volume of the audio input device is turned up.
4.3 No sound from the headphones
① Check if the headphone cable is plugged into the "headphone" jack.

② Check the "Headphones" knob and turn it to the right to gradually increase the volume.
4.4 No sound from the microphone
① Check if the microphone is correctly connected to the microphone input, unplug, and reconnect if necessary.

② Check the 🎤 microphone volume fader and gradually increase the volume by sliding it upwards.

③ Confirm with the microphone dealer if your microphone is compatible with Maonocaster G1 Neo, or consult us for recommended microphone models.

④ XLR Condenser microphone needs to turn on the 48V.
4.5 No sound during live streaming
① Check if the "Maonocaster G1 Neo" is set as the default playback and recording device in the streaming software. If not, follow the instructions in the "PC Streaming Setup" section of this manual to set it up.

② Check if the microphone permission of the streaming software is turned on.

③ If an adapter is used to connect the streaming equipment, please use the official adapter of the streaming equipment brand to ensure compatibility.
4.6 How to obtain better sound quality
① Adjust the microphone volume and headphone volume to 75%.

② Adjust the microphone gain little by little and constantly test the sound, and choose the best microphone gain to obtain the best sound quality.
4.7 Noise problem
① Try to use it in a quiet environment with fewer electrical appliances.

② Check the connection status of the cable and whether the microphone interface is firmly connected.

③ Don't adjust the microphone gain too high, try lowering it.

④ Avoid using third-party software during testing and directly use the local recorder to test.

⑤ If you use a mobile device, please note that Apple devices must use MFI-certified cables, and other brands should try to use original cables.

⑥ Change to other computer equipment or switch to a mobile phone for testing.

If you have any other questions, please feel free to contact support@maono.com
5. Safety Precautions

- To avoid personal injury or property damage caused by factors such as high temperature, noise, radiation, fire, and machinery, please use this product in a safe environment and carefully read and follow the following precautions.
- If the product overheats, emits smoke or strange odors during use, please turn off the power and unplug the power cord immediately, and send the product to the dealer for repair.
- Do not modify, disassemble or repair this equipment by yourself, so as not to invalidate the product warranty or cause personal injury. If necessary, please contact the dealer for assistance.
- This product should be used and stored in a dry, ventilated, and safe environment. Do not use this product in a damp or dusty environment.
- Avoid rainwater, dust entering the product and causing a short circuit; being close to a heat source, collision, or

severe vibration may cause irreversible damage to the product.

- Do not use this product in situations where it is explicitly prohibited by law. Comply with relevant safety regulations and use this product safely to avoid accidents.

- This product is not a toy for children. Keep it out of the reach of children.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC Warning

This device complies with Industry

Canada's licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

IC RF Statement:

When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

To get technical support, please scan the QR code

Model No.: G1 Neo

Technical Support:
support@maono.com
www.maono.com

Final clause
Information and data contained in this manual are
subject to change without notice in advance.

EC REP	UK REP
Company Zhou's Jade Star UG Address: Brunnenallee 11A 14478 Potsdam Tell: +49 179 7962788 E-mail: **jadestar.eu@gmail.com**	Company: CET PRODUCT SERVICE LTD. Address: Chase Business Centre, 39-41 Chase Side, London N14 5BP United Kingdom Email: **info.cetservice@gmail.com** TEL: +447419325266

We regularly update product firmware to enhance user experiences and optimize performance.
It's important to note that the status display and operations may vary slightly across different firmware versions.
For the most up-to-date user manuals, please get in touch with us at **support@maono.com**.

V1.2-20240312

Documents / Resources

	maono Maonocaster G1 Neo Gaming Audio Mixer [pdf] User Manual Maonocaster G1 Neo Gaming Audio Mixer, Maonocaster G1, Neo Gaming Audio Mixer, Gaming Audio Mixer, Audio Mixer

References

- 🔥 **Professional Audio Microphone | MAONO Online®Store**
- **User Manual**