

maono | Global Best Selling Internet Microphone



User Manual

PODCASTING CONSOLE



**Global Best Selling
Internet Microphone**

Maono['manoʊ], 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 E2 Gen2 podcast console.

Please read the User manual carefully to
have a better using experience.

Description

The Maonocaster E2 Gen2 is an upgraded version of our popular podcast and streaming audio console, the E2. It now features dual XLR microphone inputs with dedicated controls for two-person recording, a direct monitor switch, and two mute buttons to further improve user experience and streamline workflows. The E2 Gen2 supports Bluetooth, AUX-In, and music instruments for background music. It also includes eight programmable soundpads to enhance content creativity. Whether you're an experienced podcaster, streamer, musician, or content creator exploring the world of audio, the Maonocaster E2 Gen2 is your ultimate companion.

Product Features

- Dual XLR microphone input for two guests
- Instrument and AUX input to enrich your content
- +60dB Powerful microphone preamp
- Independent microphone and accompaniment volume control
- Side chain feature to emphasis vocal
- Advanced noise cancelling algorithm to reduce ambient noise
- Two analog and one USB outputs stream to multiple devices
- USB-C for easier connection with computer and charging
- Compatible with Windows and macOS
- Built-in Battery, up to 8 hours of off-grid operation
- +48V Phantom power support for XLR condenser Microphone
- 12 levels auto-tone control more accurate vocal

Applications

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

Specification

Data Transmission	USB-C
Frequency Response	20Hz-20kHz
THD	THD<0.05% 1kHz
Headphone Output	20mW, 32Ω (1kHz, THD+N=1%)
Sample Rate	44.1kHz/48kHz, 16bit
Wireless Connection	Bluetooth 4.2

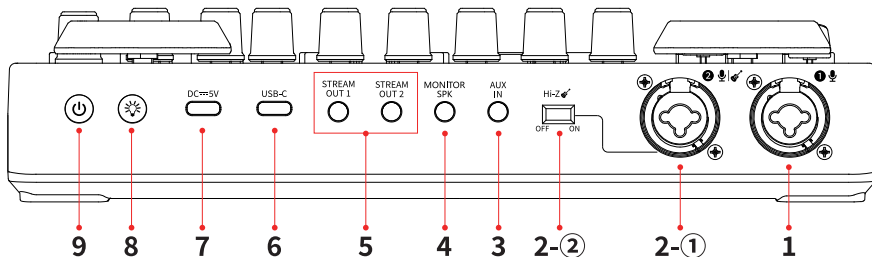
Battery Type	Li-Polymer
Battery Capacity	2000mAh
Charging Current	5V/2A
Charging Time	Appr. 3h
Battery Life	Appr. 8h (Highest keypads brightness)
Dimension	L24.5*W15.7*H5.5cm(button included)

Accessory List

Maonocaster E2 Gen2 Podcast Console
USB A&C to USB C 2-in-1 Cable

3.5mm TRRS Audio Cable
User Manual

Layout



1. XLR Input 1 (Microphone Input)

Input 1 accepts XLR or ¼" (6.35mm) plug microphone input.

Please turn on the corresponding 48V phantom power switch **(13)** for condenser microphones.

2. XLR Input 2 (Microphone and Instrument Input) and High-Z Switch

Input 2 accepts XLR microphone or ¼" (6.35mm) plug instrument input.

Please turn on the corresponding 48V phantom power switch **(13)** for condenser microphones or switch the High-Z switch to ON for instrument level devices.

3. 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.

4. 3.5mm Line Out

It can be used to connect to a powered speaker or other audio device. It requires a 3.5mm TRS to TRS cable.

5. 3.5mm TRRS Stream Out

This interface connects to a smartphone with a headphone jack for recording or streaming purposes. It requires a 3.5mm TRRS to TRRS cable.

6. USB-C Data

Supports data transfer with PC and mobile devices.

When connecting with a mobile device, It requires your mobile device to support the standard UAC (USB Audio Class) protocol. Additionally, certain smartphone models can be charged when E2 Gen 2 is connected to an external power supply.

Note:

(1) Android phones need to support the USB host (OTG) 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 E2 Gen2.

7. DC=5V Interface

This interface only provides power and charging. When using a compatible mobile device, you can connect an external power supply to power both the mobile device and the E2 Gen2. Please use a power adapter rated at 5V=2A.

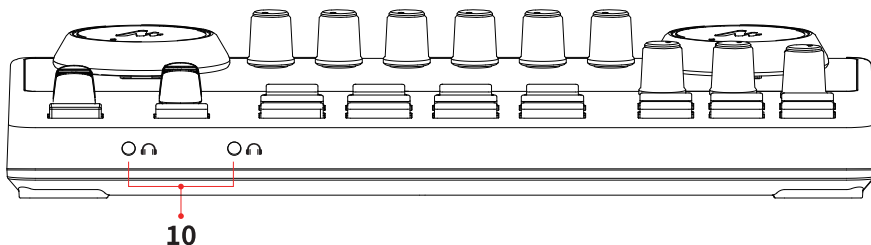
8. Backlight Switch

To turn on/off the button backlights, hold the power button for more than 1 second.

When the light is off, function buttons remain functional.

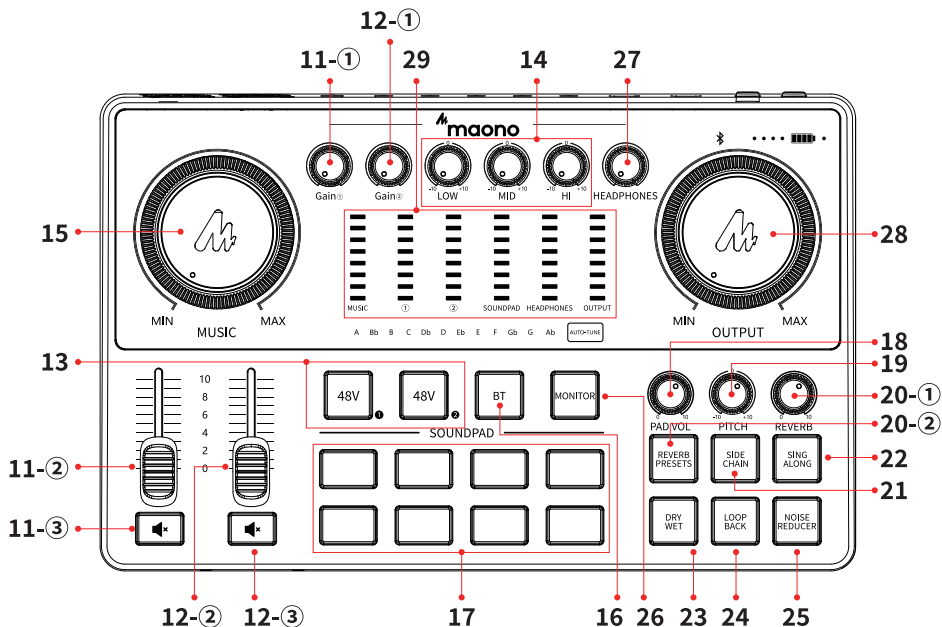
9. Power On/Off

To turn on/off the device, hold the power button for 3 seconds.



10. 3.5mm Headphone Jacks

Connect your headphones or headsets with a 3.5mm TRS or TRRS plug. Please note that the microphone input of the headset is not supported. The two jacks are located on the front side of the device.



11/12. XLR Input Gain Knob_①, Fader_②, and Mute_③

First, rotate the gain knob to the left and right to control the input gain.

Then, slide the fader to control the volume level.

The Level Meter Display **(29)** indicates the signal level, with red indicating peaking, which may result in distorted audio.

Note:

1. Keeping the gain low will reduce the amount of environmental noise being recorded.
2. To achieve the best audio quality, please keep the level meter in the green and orange sections.

13. 48V Phantom Power Switches

Please push down the corresponding 48V switch for condenser microphones, as they typically require phantom power to function properly. It's important to note that turning on phantom power when it's not needed may cause damage to your microphone. If you're unsure about the type of microphone you have, it's best to contact the 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

14. Equalizer

Equalizer adjusts the frequency response of the microphone and instrument inputs, allowing you to boost or cut specific frequencies to enhance or modify the sound.

15. Music Level

To control the level of audio input from 3.5mm AUX-In and Bluetooth sources, simply rotate the knob. For more precise control, we recommend using only one type of input at a time.

16. Bluetooth Button

To enable or disable Bluetooth connectivity, long-press the Bluetooth button. When Bluetooth is in pairing mode, the backlight will flash. Once successfully connected, the backlight remains solid. Bluetooth is used for audio playback only.

17. Soundpads

The Maonocaster E2 Gen2 provides users with eight 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.

17.1 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.

17.2 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.

17.3 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.

18. Soundpads Level

Control the volume level of soundpads

19. Pitch Knob

Control the pitch effect. Keep the knob pointed to the midpoint to turn off the pitch effect.

20. Reverb Knob_①the Reverb Presets_②

The knob controls the strength of the pitch effect. Turn it all the way to the left to turn off the reverb.

Alternatively you can use the reverb presets.

21. Sidechain

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

22. Sing Along

This feature has two modes: Sing Along mode and Music Only mode. Short press once for Sing Along and short press for the second time to enter Music Only.

In Sing Along mode, the vocals will be removed from the music that is played through the USB-C and 3.5mm stream output. This allows you to sing along with the music without the original vocals. However, please note that in Sing Along mode, the vocals won't be removed in your headphones, so you'll still hear them.

In Music Only mode, the vocals will be removed not only from the USB-C and 3.5mm stream output but also from your headphones. This mode is for those who want to listen to the music without any vocals, creating a "music-only" experience.

It's important to keep in mind that this feature may not work perfectly with all types of music. There may be certain songs or genres where the vocal removal may not be optimal.

23. Dry/Wet Recording

"Dry recording" refers to recording the sound without any added effects such as reverb or pitch correction.

Only the raw, untreated sound will be recorded. On the other hand, "wet recording" includes the applied audio effects. By default, the device is set to wet recording.

24. Loopback

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

25. Noise Reducer

Reduce background noise during recording by using this feature. Short press to activate low noise cancellation, press again for high noise cancellation, and press a third time to turn off noise cancellation. The LED indicator displays the current status.

26. Direct Monitoring Switch

You can easily control the monitoring feature by toggling it on or off. If you prefer not to hear the real-time monitoring of the microphone and instrument input, simply press the button to disable the direct monitoring feature.

27. Headphones Level

28. Output Level

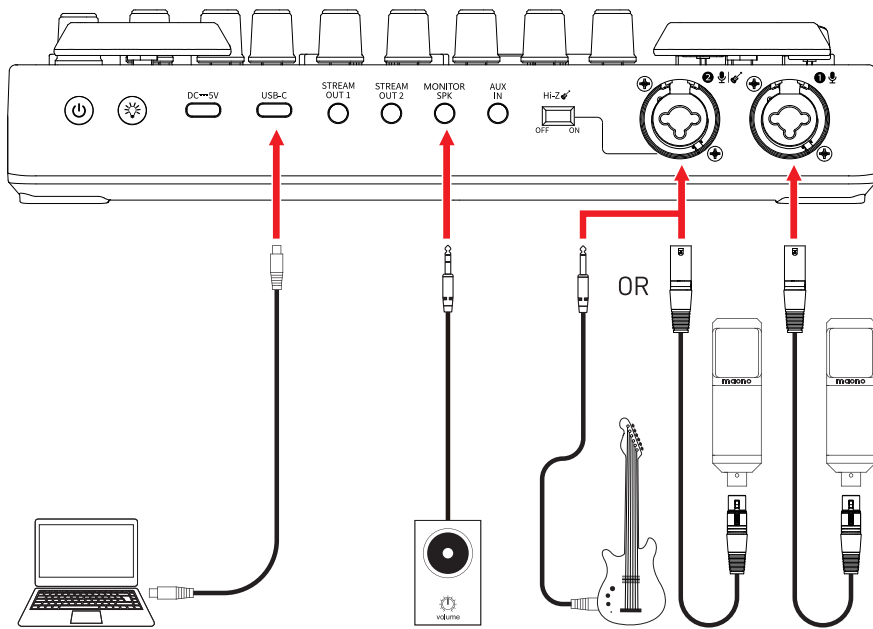
Controls the level of USB-C (6) and 3.5mm TRRS (5) outputs.

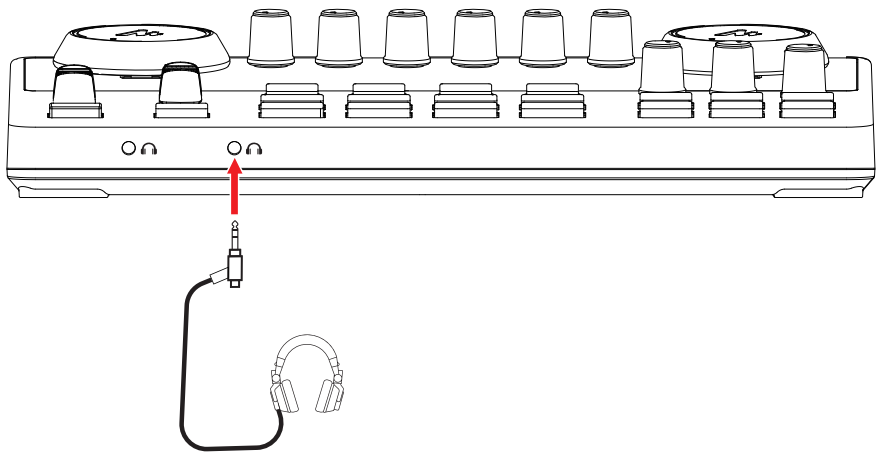
29. Level Meter Display

The level meter display indicates the signal level. To achieve the best audio quality, keep the level meters of XLR input 1 and 2 in the green and orange sections. If the level meter turns red, it means peaking, which may result in distorted audio.

Setup Guide

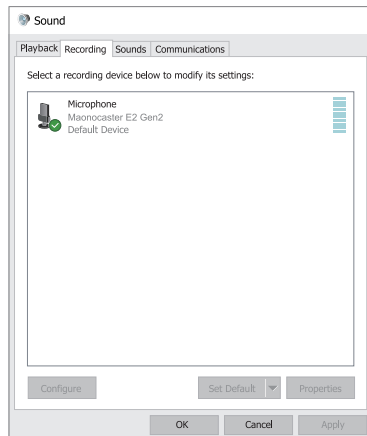
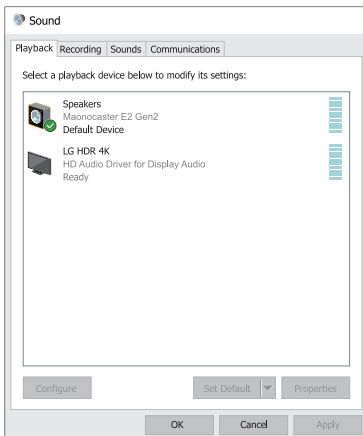
1. PC Connection



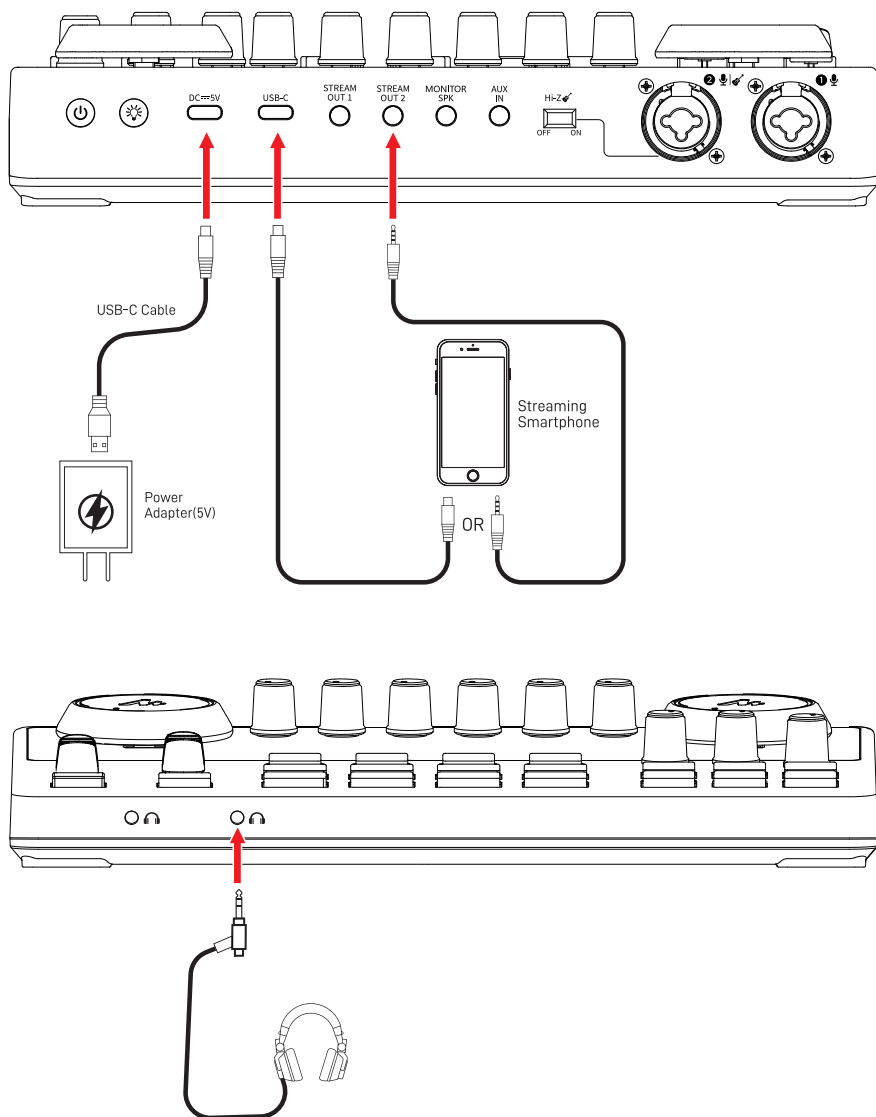


1. Connect your microphones, headphones, and any other required devices as shown in the above diagram.
2. Use the provided USB-C data cable to connect the Maonocaster to your computer. Once connected, the computer will automatically detect the device and install the necessary driver.
3. Access the sound settings on your Windows or macOS computer. Set the "Maonocaster E2 Gen2" as the default output and input device.
4. Check the settings or preferences of your streaming or recording software. Confirm that "Maonocaster E2 Gen2" is selected as the default audio input and output device.

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



2. Smartphone or tablet connection



1. Connect your microphones, headphones, and any other required devices as shown in the above diagram.
2. Use the provided USB-C to USB-C data cable or a 3.5mm TRRS to TRRS cable to connect the Maonocaster to your smartphone or tablet.
3. Connect a external power adapter rated at 5V $\Rightarrow$ 2A if you need continuous power.

Note:

1. If your phone has no 3.5mm headphone jack, it is essential to use the official USB-C to headphone adapter provided by your phone's manufacturer.
2. To connect the Maonocaster via USB, your mobile device needs to support the standard UAC (USB Audio Class) protocol. Android phones must support and enable the USB host feature. iPhones with a Lightning connector need Apple's Lightning to USB Camera Adapter to connect to the Maonocaster.
3. Select smartphone models can be charged when Maonocaster is connected to an external power adapter.
4. You can record or stream to two smartphones if you utilize both USB-C output and 3.5mm TRRS output.

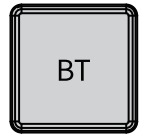
3. Bluetooth Connection

This Maonocaster supports Bluetooth music playback. Please follow these steps to connect and play music:

1. Turn on the Maonocaster. The background light of the Bluetooth button will start flashing.
2. On your phone, go to the Bluetooth menu and search for devices. Look for the Bluetooth device named "Maonocaster E2 Gen 2" and select it to establish a connection.
3. Once your phone is connected to the Maonocaster, the Bluetooth light will stop flashing.
4. Play your desired music on your phone.
5. Open your favorite app to begin recording or streaming.

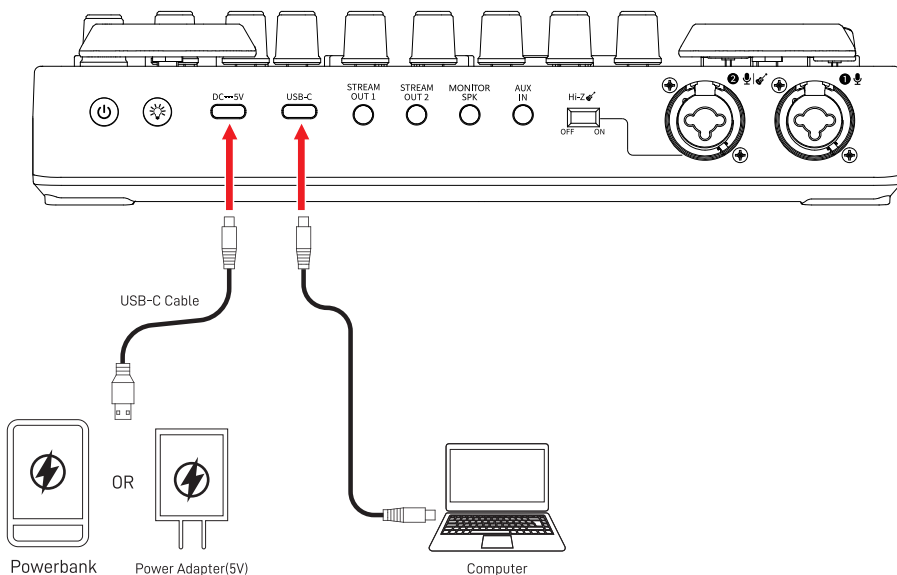
Notes:

The Bluetooth feature is solely for music playback and cannot be used for other purposes.



4. Charging

1. Before using the device for the first time, please ensure it is fully charged.
2. To power and charge the device, use a USB-C cable to connect the DC $\Rightarrow$ 5V port to a power adapter rated at 5V $\Rightarrow$ 2A or a power bank.
3. It is important to stop charging once the battery is full to prevent overcharging.
4. If you are not using the device frequently, it is recommended to charge it at least every three months to maintain battery health.



5. Troubleshooting

5.1 Cannot boot

- ① Please check if the podcast console has power, please charge it and then turn it on.
- ② You need to long press the " ⏻ " for more than three seconds to turn it on.

5.2 No sound from accompaniment music

- ① Please check whether the external audio source is connected to the accompaniment interface of the podcast console.
- ② Please check whether the accompaniment volume control knob on the right is turned on.
- ③ Please check the volume of the accompaniment device.

5.3 No sound from headphones

- ① Please check whether the headphone cable is inserted into the correct interface. It should be inserted to the "headset" or "sound" interface.
- ② Please check whether is the "monitor fader" of the sound card upwards. You can gradually increase the volume by sliding it up.

5.4 No sound from the microphone

- ① Please check whether the microphone is correctly connected to the microphone interface. If not, please try again.
- ② Please check whether the microphone knob on the left is turned on. Turn the knob clockwise to increase the microphone volume slowly.

- ③ Please check whether is the "monitor fader" of the sound card upwards. You can gradually increase the volume by pushing it up.
- ④ Please confirm with your microphone dealer whether your microphone can be used with this podcast console, or consult us for the recommended microphone model.

5.5 No sound in live broadcast

- ① Please check whether the "recording" knob on the podcast console is turned on, and rotate the "recording knob" clockwise to slowly increase the volume of the live broadcast.
- ② Please check whether the podcast console "Maonocaster E2 Gen2" has been set as the default playback and recording device of the live broadcast software. If not, please set refer to "Live Streaming on the Computer" part.

Notes:

To avoid personal injury or property damage caused by high temperature, noise, radiation, fire, machinery and other factors, please use this product in a safe environment, and read carefully and observe the following.

- 1. If you encounter product heat, smoke, odor, etc. during use, please turn off the power and cut the power in time, and send it to the seller for maintenance.
- 2. Please do not modify, disassemble or repair this equipment by yourself to avoid invalidating the product warranty or causing personal injury. If necessary, please contact the distributor to deal with it.
- 3. This product should be used and stored in a dry, ventilated, and safe environment. Do not use this product in a humid, dusty environment.
- 4. Please avoid rain and dust entering the product to avoid short circuit. Close to the fire, collision and severe vibration will cause irreversible damage to the product damage.
- 5. Please do not use this product in the occasions prohibited by law, and follow the relevant safety regulations to use this product to avoid any accidents.
- 6. This product cannot be used as a children's toy, please place 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil nedit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

IC RF Statement:

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

Déclaration IC RF:

Lors de l'utilisation du produit, maintenez une distance de 20 cm du corps pour garantir conformité aux exigences d'exposition aux RF.



maono闪克视频号

使用教程与更多产品资讯,
请扫描二维码。



To get technical
support, please scan
the QR code

Technical Support:

support@maono.com

www.maono.com



Made in China



Final clause:

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

We frequently update product firmware to improve user experiences and performance.
The status display and operations may be slightly different among different firmware versions.
For latest user manuals, please access on <https://www.maono.com>.

EC REP

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TEL: +447419325266

Warnings and safety information

All information regarding the use of the product can be found in the user manual. Before using it, read its contents and follow the instructions contained therein. Also read the following information before use:

Warnings for use

Risk of product damage:

- Avoid exposing products to shocks, drops or contact with liquids to prevent damage to components.
- Only connect the sound card to USB ports that comply with the technical requirements indicated by the manufacturer. Use of inappropriate ports or cables may lead to overheating or failure of the device.
- Do not disconnect the sound card during active use, e.g. during audio playback, to avoid damage to the hardware or loss of audio data.

Compatibility risks:

- Before use, ensure that your computer, laptop or other device is compatible with the sound card's requirements, including the operating system (e.g. Windows, macOS, Linux) and USB version.
- Check the technical specifications to ensure that the sound card supports connected accessories such as headphones, microphones or speaker systems.

Risk of overloading the device:

- Do not connect an external sound card to a USB port that is already loaded with other power-hungry devices (e.g. external hard drives). This may lead to unstable operation of the card.
- For intensive use (e.g. high-resolution audio recording), make sure that the device has adequate ventilation.

Risk to children:

- The product is not intended for children under 8 years of age. Small parts, such as USB connectors or adapters, may present a choking hazard.
- Keep sound cards and their accessories out of the reach of children.

Environmental hazard:

- In case of permanent damage to the sound card, make sure it is disposed of properly according to local electro-waste regulations. Contact your local electronic waste collection point.

Information on correct use

Recommendations for use:

- Before first use, install the dedicated drivers provided by the manufacturer or download the latest version from the official website.
- Connect the sound card to the USB port directly on your computer or laptop. Avoid using untrusted USB hubs that may cause interference with data transmission.
- Test the device with accessories connected, such as a microphone or headphones, to make sure all functions work properly.
- Make sure the USB cable is firmly seated in the port to avoid accidental disconnection during use.
- When using the soundcard outdoors or in humid conditions (e.g. in a recording studio), use moisture protection to protect the device.
- Regularly check the condition of the connection cables for damage, such as abrasion or breakage, which can affect sound quality.
- Avoid using multiple high-powered devices at the same time to prevent overloading the USB ports.
- When using advanced audio devices such as condenser microphones, make sure your sound card supports Phantom power (if required).

Maintenance and storage:

- Clean the soundcard with a soft, dry cloth. Do not use chemicals or wet materials that may damage the case or ports.
- Remove dust from the USB ports and audio connectors regularly to ensure a stable connection.
- Store the sound card in a dry place, away from sources of heat and moisture.
- If you are not using the device for a long period of time, unplug it from your computer and store it in its original packaging or a dedicated protective case.

Additional precautions

Adaptation to the user:

- Choose a sound card model to suit your needs - e.g. for everyday use, professional sound recording or high-resolution audio playback.
- Adjust the settings in the card's software (e.g. gain level, sound balance) to the type of accessories you have connected to get the best sound quality.

Damage and service:

- If you detect any damage to the device, such as loose USB ports, faulty audio jacks or cracks in the case, stop using the sound card immediately.
- Do not attempt to repair the unit yourself - any servicing should only be carried out by an authorised manufacturer's service centre to maintain the warranty and safety of use.
- Contact the manufacturer's technical support if the sound card malfunctions, such as audio interruption, overheating, or lack of connection to the computer.
- Do not modify the unit or install unauthorised software that may affect its operation or violate the warranty.
- Regularly check the condition of the cables attached to the device - abraded or damaged cables should be replaced immediately with original accessories supplied by the manufacturer.

Declaration of conformity

The products have been designed in accordance with the safety requirements of Regulation (EU) 2023/988. They comply with the relevant technical standards, including those relating to operational safety, electromagnetic compatibility and protection of users against mechanical and environmental hazards.