Maonocaster C2 Portable Live Streaming and Podcast Console for Computer and Smartphone User Manual

maonocaster™

Portable Live Streaming and Podcast Console
For Computer & Smartphone
User Manual

Contents

Description

As the fourth product of the Maonocaster series, AMC2 features simple buttons design. At the same time, the portable and small size C2 is ideal for streamers and other content creators who need to use sound card outdoor. The product has an XLR/6.35mm microphone input port and a 3.5mm microphone input port. At the same time, it features a built-in microphone preamp offers mic gain to drive low-sensitivity microphones connected to XLR interface. The 48V phantom power works well with condenser microphones. There is Bluetooth and 3.5mm input interface for easy input of accompaniment. 2 channels of 3.5mm analog audio and one channel of USB-C digital audio output allow users to access multiple devices. 3 custom sound pads provide rich sound effects for live broadcasts.

Product Features

1. Supports two mic input at the same time, great for two-person streaming.

2. Individual audio input interface to import kinds of background music.

3. Separate control of mic audio and background music for easy adjustment of audio volume.

4. Side chain function will lower the volume of background music and turns up the host's voice.

5. Audio denoise function for blocking background noise quickly and delivering clear voice.

6. Two output channels for streaming in different platforms.

7. USB-C digital audio output interface.

8. Compatible with Windows and macOS.

9. Built-in Lithium polymer batteries offers 8 hours working time, ideal for outdoor streaming.

Applicable Situation
Live broadcast on mobile phone/tablet/computer
Applicable app/software: Tik Tok/SNS Platform
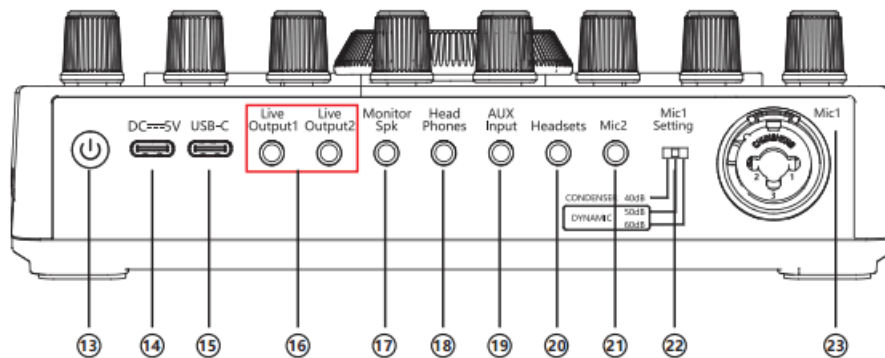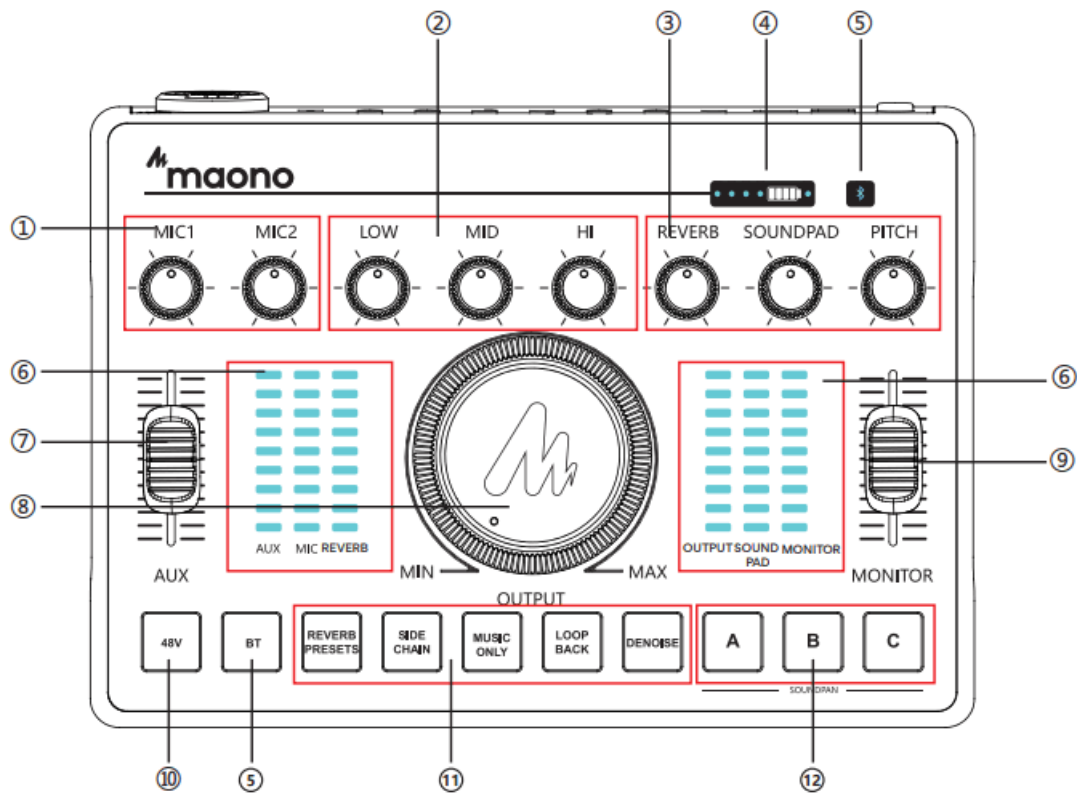
Specification

Data Transmission	USB-C
Frequency Response	20Hz-20kHz
THD	THD<0.05% 1kHz
Headset Output Power	20mW, 32Ω (1kHz, THD+N=1%)
Sample Rate	48kHz /16bit
Wireless Connection	Bluetooth 4.2
Battery Type	Li-Polymer
Battery Capacity	2000mAh
Charge Parameter	5V/1A
Charge Time	Appr. 3h
Battery Life	Appr. 8h (Highest keypads brightness)
Dimension	L18.5*W13.0*H5.0CM(button included)

Accessory List

Maonocaster C2 Podcast Console	3.5mm TRRS Audio Cable
User Manual	USB-A to USB-C Cable

Layout

1. Mic 1/2 volume control

   Turning the knob clockwise to control mic gain in device connected via Mic port.

2. Low, Mid, Pitch

   Control mic tone to adjust low, mid and pitch.

3. Audio Effect Volume Control

   3.1. Reverb Depth Control Knob

   Rotate the knob clockwise to adjust the reverberation effect.

   3.2. Custom Effect Volume Knob

   Turning the knob clockwise to adjust custom audio effect volume.

   3.3. Voice Changer

   Rotate the knob clockwise to control the mic 1/2 audio from low to pitch.

4. Power Indicator.

5. Bluetooth Indicator.

   5.1. After power on, the Bluetooth indicator flashes, and it actively searches for and paired with the connected

mobile phone, and it will be solid blue after connecting.

5.2. Press and hold the Bluetooth button for more than 2 seconds, the Bluetooth button light will change from solid on to off, and all Bluetooth pairings will be automatically turned off.

6. Level Display

Color of the Indicator: 1-5 Green; 6-7 Orange; 8 Red;

Display the level of accompaniment input, microphone 1/2 inputs, instrument input, sound pad volume, monitoring volume, and recording volume.

7. Accompaniment Volume Control

Adjust the fader to turn up or down audio imported from 3.5mm or Bluetooth input.

8. Output Audio Volume Control

Turning the knob clockwise to adjust volume of port Live 1/2 and USB-C.

9. Monitoring Audio Volume Control

Adjust the fader to control earphone, headphone, and speaker output volume.

10. 48V Phantom Power On/Off

Turn 48V Phantom power on/off.

When switching the power on/off, the whole system will be muted for 2s-3s.

11. Bluetooth on/off button

Click the Bluetooth button to turn on/off the Bluetooth connection feature. Press and hold for 2 seconds to turn on and off the Bluetooth.

*For example, when the custom effect is recording, turning off the Bluetooth switch will cause the recording to be interrupted, and only the recording before turning off will be retained.

12. Audio effect mode

There is six audio effect buttons including REVERB PRESETS, SIDE CHAIN, MUSIC ONLY, LOOP BACK.

12.1. Reverb Presets Mode has 6 presetreverberate effect including Studio, KTV, Church, Hall, Valley, Room. Switching to have different reverberate effect.

12.2. Side Chain Mode can be activated to lower the volume of background music and turn up the hosts' voice. Indicator light turns on/off when Music Only mode is on/off.

12.3. Music Only Mode can remove vocals in background music and get instrumental Karaoke track. Indicator light turns on/off when Music Only mode is on/off.

12.4. Loopback Mode

Turning on Loopback will allow the Maonocaster to record the system audio from the USB-C input. If turned off, you can still hear the system audio from monitoring, but it will not be recorded.

12.5. Denoise

This mode can automatically block the background noise recorded into the microphone, so that our singing and live broadcast will not be affected. Click to turn this function on and off, and the indicator light turns on and off.

13. Custom sound pads

There are 3 custom sound pads allow you to input audio to Maonocaster via microphone, external device, Bluetooth input. A/B/C buttons can save up to 20s audio.

*By default, there is no customized audio effect.

13.1. Recording: with audio card on, connect it to mic/external audio input device/Bluetooth devices, long press any custom button for more than 3 seconds. Release press until the indicator slowly blinks and enters recording mode. Short press the button again to stop recording or record until the indicator stops blinking, which indicates max time length audio is recorded.

Note: Each custom audio effect button has limited storage, when there is no storage left, it will stop recording and indicator will go off automatically.

13.2. Delete recording: Long press a custom button with existing custom audio for more than 2 seconds, indicator will flash quickly and start deleting audio. Lights off indicators a successful audio delete.

13.3. Play customized audio: short press a custom button with existing custom audio to play audio, if indicator blinks after press, turns off when press is released, it means no custom audio is saved.

14. On/Off Switch

Turn the sound card on and off.

Press and hold for 3 seconds to power on/off;

15. DC—5V interface

This interface can be used to power AMC2 via external power supply.

16. USB-C interface

The data interface can be used for the uplink and downlink of the audio signal, and can be connected with the computer/mobile phone to complete the recording on the computer/mobile phone, and this interface. The sound card cannot be charged via this interface.

17. Live 1, 2

Use the 3.5mm plug audio cable to output the mixed sound of the sound card to mobile devices such as mobile phones and tablets through the live broadcast interface. This sound card provides 2 live interfaces with the same function, which can support live broadcast on multiple platforms at the same time.

18. Speaker

Connect external audio equipment, such as speakers, headphones, etc.

19. Headphone jack

Support TRRS and TRS plug, and monitor the sound of various audio channels connected the sound card.

After the mobile phone headset is connected to the "headphone" port, only the sound can be heard, and the sound cannot be input to the sound card through the "headphone" port.

20. Accompaniment interface

Connect the external audio source or playback device to the sound card through the audio cable, which is convenient for background music accompaniment playback during live broadcast.

21. Headphone

Compatible with American standard and national standard.

22. Mic 2

Supports 3.5mm condenser microphone input, which can be matched with our PM325/PM360 microphones.

23. Mic 1 Control

There is 40dB level for condenser microphones, 50dB and 60dB level for dynamic microphones.
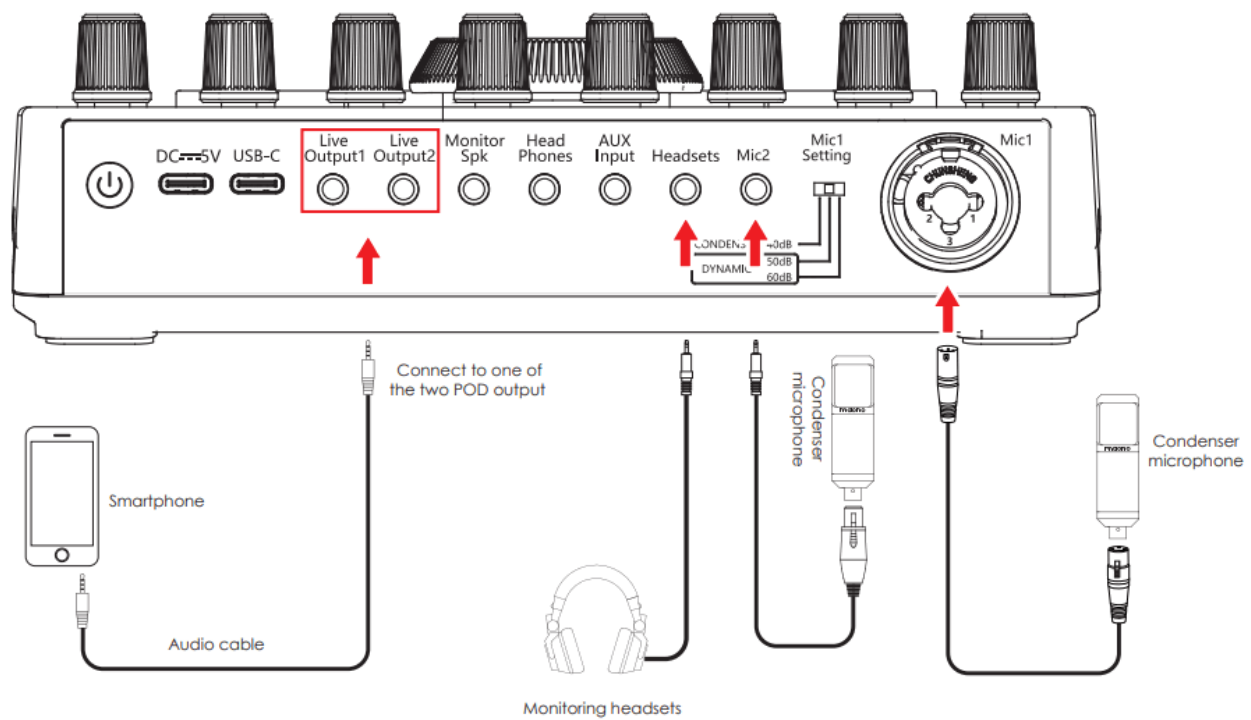
24. Mic 1

For connecting XLR microphones or 6.35mm microphone.

Recommended microphones: Maono PM320/PM500.

Sound card connection guide

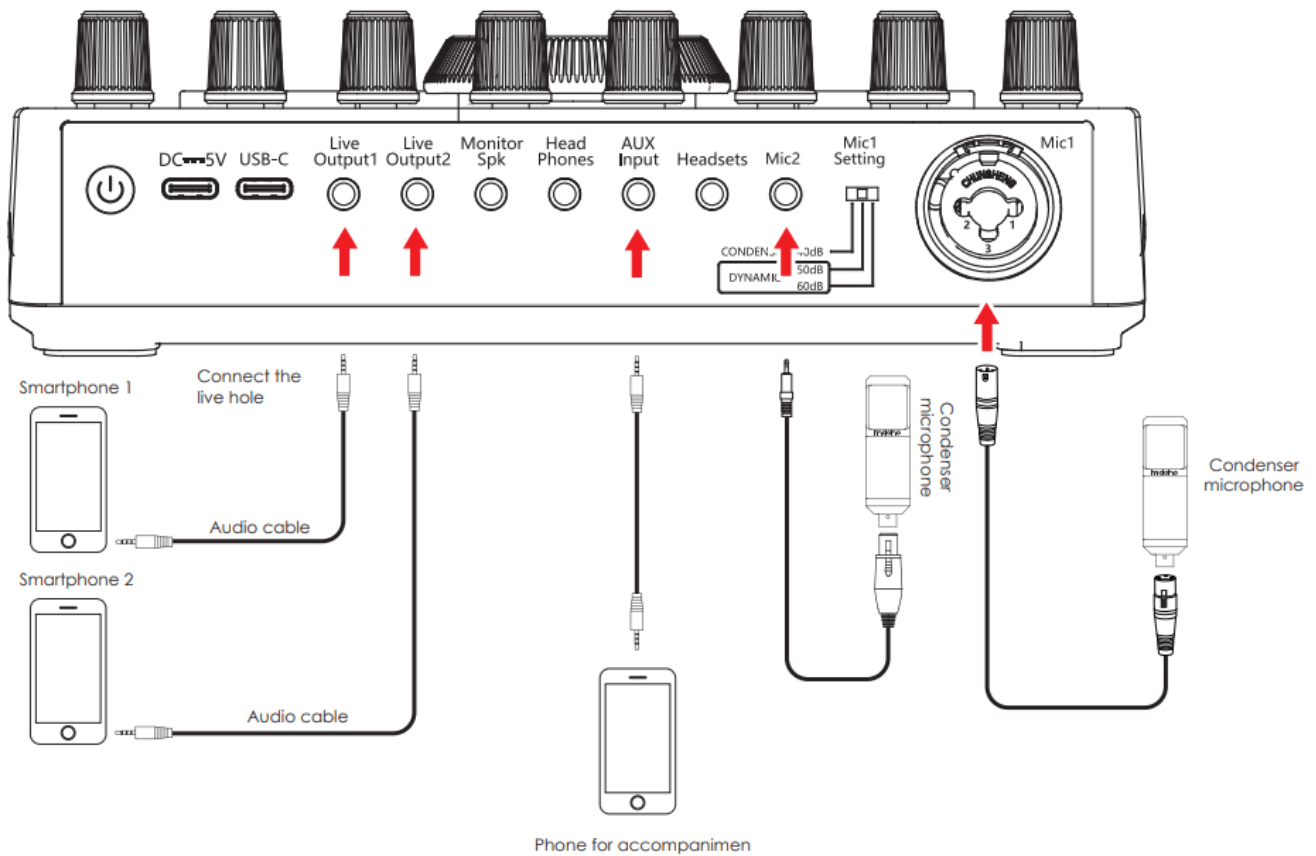### 1. Karaoke by mobile phone

1. Connect the smartphone/headsets/microphone to the podcast console as the picture shows.

2. Download the karaoke app on smartphone.

3. Turn on the podcast console and select the sound effects needed.

4. Open the app on the smartphone and start to sing.

Note:
Since some smartphones do not have 3.5mm jacks, a USB-C/Lightning to 3.5mm adapter is required
Please purchase the 3.5mm audio adapter from the phone manufacturer.
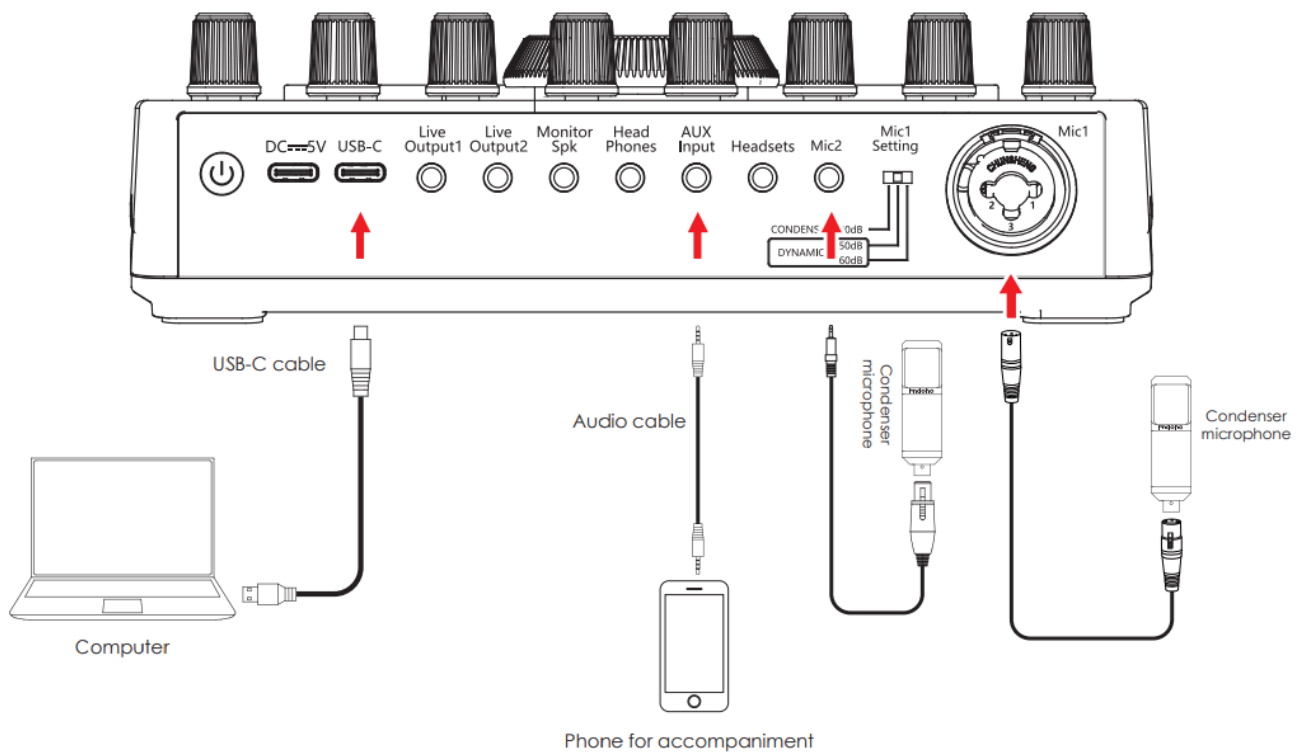**2. Live Streaming on mobile phones**

Phone for accompanimen

1. Connect the live mobile phone, accompaniment mobile phone, earphone and microphone to the sound card as shown in the above figure .
2. Download the steaming app on smartphone.
3. Turn on the podcast console and select the sound effects needed.
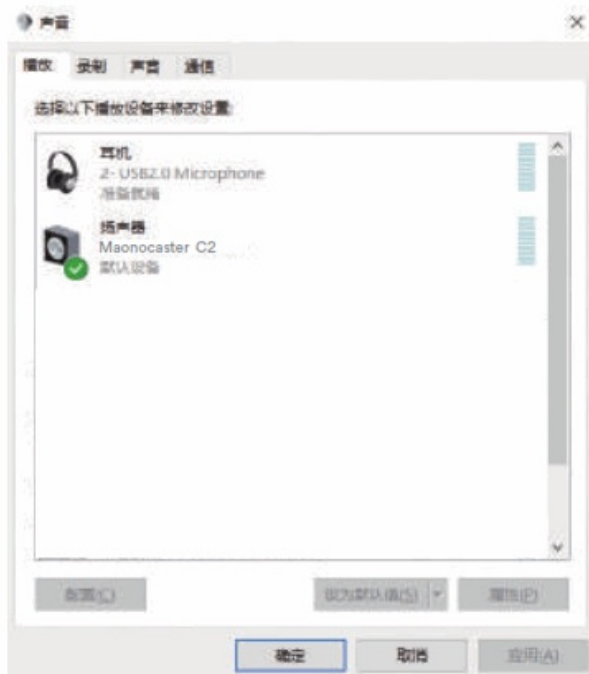4. Open the music app on the mobile phone end and start streaming.

Note:

- Please purchase the USB-C/Lightning to 3.5mm audio adapter from the phone manufacturer.
- The podcast console can support live streaming up to 2 different devices and take up to two microphones inputs at the same time. You do not have to connect all output and input devices if not needed.
- This sound card supports simultaneous input of two microphones to the sound card, which can be applied to a two-person live broadcast scene in a live broadcast. For one person live broadcast, there is no need to connect two microphones. Please add microphones according to actual needs.

3. Live streaming on computer

1. Connect the accompaniment source (mobile phone), earphones, and microphone to the sound card as shown in the above figure .
2. Connect the computer and the podcast console by USB-C cable. The computer will automatically recognize the podcast console and select the driver.
3. Enter the sound control panel of Windows, and set the podcast console "Maonocaster C2" as the system default playback in "Playback" and "Recording" option.

4. Open the live streaming software on the computer and confirm again in software settings that "Maonocaster C2" is the the default audio and playback device.
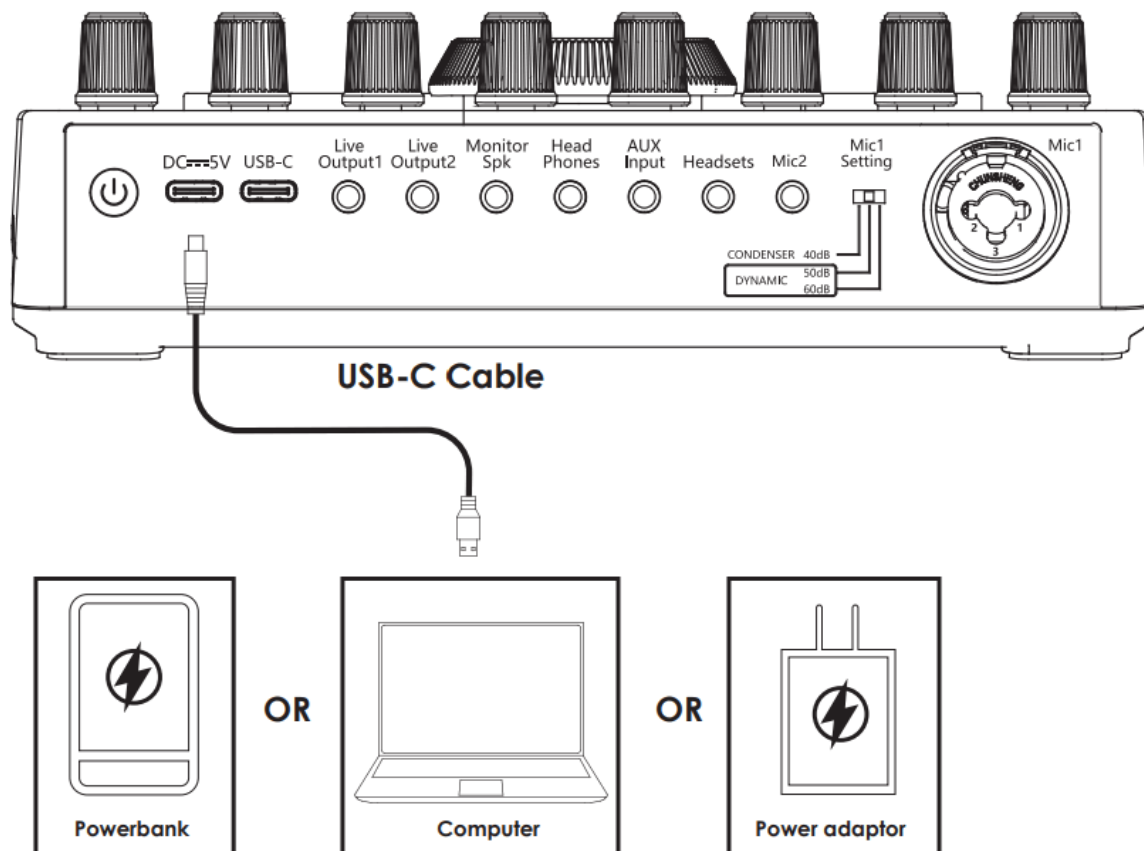
NOTE:

- You can stream to computer and smartphone at the same time.

- Please activate "LOOP BACK" mode during call-in in live streaming.
- Please adjust settings on the podcast console for each software individually.

4. Charging

USB-C Cable

Powerbank   OR   Computer   OR   Power adaptor

1. You can use the USB-C data cable to connect to the computer, power bank and power adapter for charging.
2. When charging, the battery indicator on the sound card will light up in red, and the power indicator will flash according to the battery power.
3. The DC $\overline{\cdots}$ 5V charging interface only supports charging the sound card, and has no data transmission function.

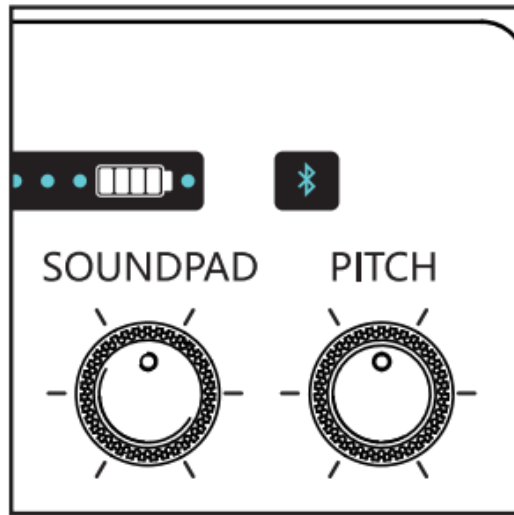**Note:**

- Please charge the podcast console before using for the first time.
- If not used for a long period, please charge the podcast console every 3 months.
- Charging is also possible when the power is off.
- Do not charge for a long time. Please stop charging when the battery is fully charged to avoid over -charging.

5. Bluetooth Connection
This podcast console has a Bluetooth connection feature (refer to item 5 in the function introduction), which can be connected to a smartphone for live accompaniment.

1. Turn on the podcast console, the Bluetooth light on the front of the sound card starts to flash.
2. Search for the device in the Bluetooth menu of the phone, find the Bluetooth device of "Maonocaster C2", and choose it to connect.
3. After the phone is connected to the podcast console, the Bluetooth light stops flashing.
4. Please connect the mobile phone to the podcast console through Bluetooth and set up the accompa niment music player on the mobile phone in advance.
5. Open the live broadcast software on the mobile phone or computer for live streaming.

Notes

- Bluetooth connection is limited by distance. Please do not place the too far away from the podcast console to avoid interference.
- Bluetooth feature is only for accompaniment music playback.

Troubleshooting

6.1 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.

6.2 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.

6.3 No sound from headphones

1. Please check whether the headphone cable is inserted into the correct interface. It should be inserted to the "Head Phones" or "Monior Spk" interface.

2. Please check whether is the "monitor fader" of the sound card upwards. You can gradually increase the volume by sliding it up.

6.4 No sound from the microphone

1. Please check whether the microphone is connected to the microphone jack correctly, please re-plug and try again.
2. Please check whether the "OUTPUT" knob in the middle is turned on, turn the knob clockwise to slowly turn on the volume of the microphone and try again.
3. Check whether the "AUX" of the sound card is turned up, and gradually increase the volume.
4. Please confirm with the microphone dealer whether your microphone can be used with this sound card, or consult us for the recommended microphone model.

6.5 No sound in live broadcast

1. Please check whether the "OUTPUT" knob on the podcast console is turned on, and rotate the "OUTPUT knob"clockwise to slowly increase the volume of the live broadcast.
2. Please check whether the podcast console "Maonocaster C2″ 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 Statement
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.

Warning: 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.

Thanks for choosing Maonocaster C2 podcast console.
Please read the User manual carefully to have a better using experience.

Documents / Resources

	maono Maonocaster C2 Portable Live Streaming and Podcast Console for Computer and Smartphone [pdf] User Manual Maonocaster C2 Portable Live Streaming and Podcast Console for Computer and Smartphone, Maonocaster C2, Portable Live Streaming and Podcast Console for Computer and Smartphone , Portable Live Streaming and Podcast Console, Live Streaming and Podcast Console, Streaming and Podcast Console, Podcast Console, Console

References

- **M Professional Audio Microphone | MAONO Online®Store**