尺寸：185 x 140mm　　材质：128g铜版纸　　装订方式:骑马钉装订　　红色文字不参与印刷

maono

User Manual

Portable Live Streaming and Podcast Console
For Computer & Smartphone

封面背面留白

maonoCASTER LITE

Thanks for choosing Maonocaster Lite AM200 podcast console.
Please read the User manual carefully to
have a better using experience.

Model : AU-AM200

EC REP
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CE UKCA FC RoHS Made in China

P/N:JJ0000

Product Description

Maonocaster AU-AM200 is a comprehensive solution for audio processing that integrates audio collecting, processing and output controlling. It is compatible with smartphones, tablets and computers, including Android, IOS, Window and macOS. It is plug-and-play with no extra driver required. The built-in DSP digital audio processor makes it possible to vary your voice and add more sound effect to your podcast with one single button, which will make your livestream more entertaining.

Product Features

1. Compatible with smartphones, tablets, and computers
2. 3 Mono and stereo-type interface
3. Multiple sound effects
4. Realtime headphone monitoring, simultaneously listening and recording
5. Mixing the accompaniment and the voice at the same time
6. Noise & ambient sound cancelling: make your voice pure and clear
7. Side chain function enables it to highlight human voice by automatically lowering the volume of back background music
8. Separate control of microphone volume and accompaniment volume
9. 8 independent accompaniment input enables multiple audio input to live room
10. Treeway live broadcast output enables multiplatform live broadcast
11. USB-C interface for power and data
12. Built-in lithium battery provides up to 8 hours of usage, convenient for outdoor live broadcast

Applicable Situation

Live broadcast on mobile phone/tablet/computer
Applicable apps/software: Tik Tok/DNS Platform

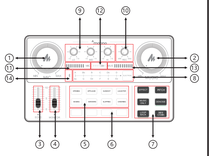
Accessory List

AM200 Podcast Console　　USB-A to USB-C Cable
User manual　　3.5mm TRRS Audio Cable

Specification

Data Transmission	USB-C	Battery Type	Li-ion Polymer
Frequency Responce	20Hz-20kHz	Battery Capacity	1000mAh
THD	1%(0dB,1kHz)	Charge Polarmetry	DC7.5V
Headset Output Power	15mW, 32Ω (1mW,1kHz 1%)	Charge Time	About 3h
Sample Rate	48kHz/16bit	Battery Life	About 8h (Highest keypoint brightness)
Wireless Connection	Bluetooth 4.2	Dimension	129*87.5*34.2(Not include the knob)

Product Layout



1. Microphone volume control

Rotate the control knob clockwise to increase the volume of the microphone.

2. Accompaniment volume control

Rotate the control knob clockwise to adjust the volume of the external accompaniment music. When in use, you can turn clockwise to increase the volume of accompaniment music or counterclockwise to decrease the volume of accompaniment music.

3. Reverb effect control

Slide the control fader up to increase the reverb effect and vice versa.

4. Monitor volume control

Push the control fader up to increase the monitoring volume. Please slide the fader down to the bottom before wearing the headset, and then slowly increase the volume to avoid damage to your hearing.

5. Default sound effect

This area presets 8 default sound effect buttons, including: opening, applause, gunshot, laughter, boiing, awkward, cheering, skipping. The user can press the corresponding button to trigger the sound effect. Each sound effect button has an indicator light which will be always on when not triggered; after pressing the sound effect button, the button light flashes until the sound effect ends. And it restores to be always on.
You can adjust the volume of preset audio effects：To increase the volume,Long press the "LAUGHTER" button; To decrease the volume,Long press the "OPENING" button.

6. Custom sound effect

This podcast console provides users with 4 custom sound effects buttons. Users can record audio clips and import them to the podcast console through a microphone, an external audio source, or Bluetooth device to use these sound effects in live broadcasts.

6.1 Recording: Turn the podcast on, connect it with either one of microphone, external audio input device, Bluetooth device. Turn on the "LOOP BACK" mode. Make any customs key until blue light flashes to start recording. Audio input will be recorded and saved. Release the button to end recording.

Note: If you do not release your hand during recording, the recording will stop automatically when there is no enough space, and the light will automatically turn off.

6.2 Clear recording: Hold any of the recorded custom sound effect for 2 seconds to start the clearing process. The button light will be turned on without flashes. The button light will be turned off when the recording is cleared.

6.3 Play sound effects: Short press any recorded custom button to activate sound effects. It will keep if it's empty and there is no recording.

6.3 Play sound effects: Short press any recorded custom button to activate sound effects. It will keep if it's empty and there is no recording.

7. Vocal FX

There are six function buttons in this area, which are EFFECT, PITCH, MUSIC ONLY, DENOISE, LOOP BACK , SIDE CHAIN.

7.1 "EFFECT" the button has 4 modes corresponding to different light colors, including male to female (red), female to male (blue), giddy voice (green), robot (Pink). "EFFECT" and "PITCH" can not be triggered at the same time.

7.2 "MUSIC ONLY" mode can remove the human voice in the background music and keep the accompaniment. Hold down the button for 2 seconds to enter the mode. Press the button to turn the function on and off, corresponding button lights on and off.

7.4 DENOISE mode can automatically reduce the ambient sound from the microphone input. Press the button to turn this function on and off, corresponding button lights on and off.

7.5 "LOOP BACK" mode: The user can control whether the background music be outs to the live stream or not when playing the accompaniment from the computer.

If turns on (the light on), the computer music is input to the live broadcast room, and vice versa. No matter whether this function is triggered or not, the computer music can always be heard from monitor headphones output (please remember to turn it on when broadcasting).

7.6 "SIDE CHAIN" mode, when turning on the mode in the live stream, the podcast console will automatically lower the volume of the background music, and highlight the voice of the human, suitable for live chat scenes. The light will be on when the mode is on and off when the mode is off.

8. Electronic Music Key Changer

There are 12 keynotes: A, Bb, B,C, Db, D, Eb, G, Gb, F, E, Eb. Short press the "Electrical Tone" area to switch to the corresponding electronic tone and long press to close it.

9. Low, Medium and High Key

It is to adjust tone of the microphone to achieve deep bass, smooth midrange and clear treble.

10. Recording Volume Control Knob

This knob controls the volume of the sound output to the live broadcast, and the user can adjust it accordingly.

11. Microphone Volume Level Display

Indicate the volume of the microphone.

12. Battery Level Display

A LED lights on means 100% fully charged, 3 LED lights on means 75%, 2 LED lights 50%, 1 LED 25%. The power indicator LED flashes and red light on when charging.

13. Accompaniment Volume Display

Indicate the volume of the accompaniment.

14. Wireless Bluetooth Accompaniment

The Bluetooth will automatically be on and pairing when turn on the podcast console. After paired, the accompaniment would be transmitted to the podcast console by Bluetooth. (The Bluetooth is only for wireless accompaniment playback)

15.Power Switch

Turn on/off the product by long press for 3 seconds.

16. Keypad Brightness Adjustment

The keypad backlight is 5-level adjustable.

17. USB-C Interface

The USB-C interface can be used for charging and data transmission. The product serves as an external podcast console for the computer while live streaming, recording or singing on the computer.

18. PCD Output 1, 2, 3

The processed audio can be output to the smartphone, tablet or other device by connecting the podcast console to devices through a 3.5mm TRRS cable. The podcast console provides 3 output interfaces with the same function, which can live stream to multiple platforms at the same time.

19. Output

To connect audio playback device such as speakers and headphones.

20. Music Input

To connect an external audio source or device to the podcast console via an audio cable to facilitate background music playback during live streaming or audio production.

21. Headset Interface

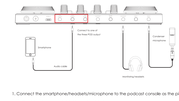
It can be connected to a headset with a 3.5mm headphone jack.

22. Microphone Interface

It can be connected to a 3.5 mm condenser microphone that does not require external power supply, such as MAONO AU5, PM360, PM320 and other models.

Sound card connection guide

1. Karaoke by mobile phone

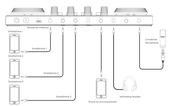


1. Connect the smartphone/headsets/microphone to the podcast console as the picture shows.
2. Download the karaoke app on smartphone.
3. Turn on the podcast console and select the sound effects needed.
4. Open the app on the smartphone and start to sing.

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.

Model : AU-AM200

2. Live Streaming on mobile phones

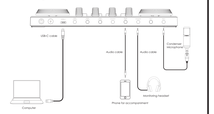


1. Connect the mobile phone/headsets/microphone to the podcast console as the picture shows.
2. Download the streaming app on smartphone.
3. Turn on the podcast console and select the sound effects needed.
4. Open the music app on the mobile phone and start streaming.

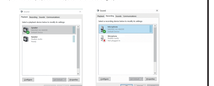
Note:

- Since some smartphones do not have 3.5mm jacks, a USB-C/Lightning to 3.5mm audio adapter is required.
- Please purchase the USB-C/Lightning to 3.5mm audio adapter from the phone manufacturer.
- The podcast console can support live streaming up to 3 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.

3. Live streaming on computer



1. Connect the accompaniment music (smartphone), headsets, and microphone to the podcast console as the pictures shows.
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 "MAONO AU-AM200" as the system default playback in "Playback" and "Recording" option.

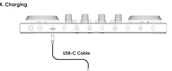


4. Open the live streaming software on the computer and confirm again in software settings that "MAONO AU-AM200" is the default audio and playback device.

NOTE

- You can stream to computer and smartphone at the same time.
- Please activate "LOOP BACK" mode during collab in live streaming.
- Please adjust settings on the podcast console for each software individually.

4. Charging



1. If can be charged by connecting the podcast console to the computer (power bank and power adapter via USB-C cable.
2. The "battery indicator" on the podcast console will light up red when charging, and flash according to the battery level.
3. When the podcast console is connected to the computer, it can be charged while being used.

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

The podcast console has a Bluetooth connection feature (refer to Item 14 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 "MAONO AU-AM200", 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 accompaniment 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.

6. 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 "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.

6.4 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 levels.
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.

6.5 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 "MAONO AU-AM200" 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 the equipment by yourself to avoid invalidating the product warranty or causing personal injury. If necessary, please contact the distributor to deal with it.
3. Please ensure that the 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 the product in the occasions prohibited by law, and follow the relevant safety regulations to use the product to avoid any accidents.
6. The 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.