尺寸： 185 x 140mm 材质：80g书纸 装订方式：骑马钉装订

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maono

User Manual

Portable Live Streaming and Podcast Console
For Computer & Smartphone

封面背部空白不印刷

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maonocaster™

Thanks for choosing Maonocaster E2 podcast console.
Please read the User manual carefully to
have a better using experience.

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Description

Maonocaster E2 is a professional sound card for audio/video recording and streaming. It has two mic input interfaces allows connection with instruments like guitar, and supports background music from audio input via Bluetooth and AUX connection. There are 2 analog and 1 USB audio output channels allows simultaneous connection with 3 streaming devices. The powerful built-in audio chip delivers professional studio level audio and provides rich mixing adjustment options. 11 custom buttons for personalized effects setting and unique streaming styles.

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. Well compatible with dynamic mic features low flexibility.
4. Separate control of mic audio and background music for easy adjustment of audio volume.
5. Side chain function will lower the volume of background music and turns up the host's voice.
6. 12-Step Auto-Tune Control.
7. Audio denoise function for blocking background noise quickly and delivering clear voice.
8. Three output channels for streaming in different platforms.
9. Type-C digital audio output interface.
10. Compatible with Windows and macOS.
11. Built-in Lithium polymer batteries offers 8 hours working time, ideal for outdoor streaming.
12. +48V phantom power is capable of powering XLR condenser mic.

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	Appx 3h
Battery Life	Appx 8h (Highest keypads brightness)
Dimension	L24.5*W15.7*H5.5CM(button included)

Accessory List

Maonocaster E2 Podcast Console	3.5mm TRRS Audio Cable
User Manual	USB-A to USB-C Cable

Model No.: AME2

EC REP
Company: Qing UG. (haftungsbeschränkt)
Address: Lindenstr. 7, 12205 Berlin Germany
Tel: [illegible]
E-mail: [illegible]

UK REP
Company: CET PRODUCT SERVICE LTD.
Address: Chase Business Centre, 39-41
Chase Side, London N14 5BP United Kingdom
Email: [illegible]
TEL: [illegible]

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.

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产品介绍

Maonocaster E2是一款专为直播、音视频录制而开发的音频控制设备。产品可同时连接2个麦克风作为语音输入，通过连接蓝牙和AUX音源输入作为背景音乐，也可以连接吉他等乐器用作现场音乐伴奏；2路模拟音频和1路USB 数字音频信号输出，可同时连接3个直播设备。产品内置强大的DSP音频处理芯片，可进行丰富的混响调节，轻松获得专业录音棚效果。11个定义特效按键，方便用户进行个性化的特效设置，在直播中丰富内容创造独特的直播风格。

产品特点

1.同时支持两只麦克风输入，可双人同时直播。
2.独立伴奏输入口，可将多种音源输入到直播间。
3.可驱动优秀低灵敏度动圈麦克风完美工作。
4.麦克风音量、伴奏音量单独控制，方便匹配声音大小。
5.智能闪避功能，自动压低背景音乐，突出人声。
6.12阶电音基调。
7.智能降噪，快速屏蔽背景噪音，声音更显纯净。
8.三路直播输出，同时支持多平台直播。
9.Type-C 数字音频输出接口。
10.兼容Windows和macOS。
11.内置锂聚合物电池，8小时的使用时间，方便户外直播。
12.+48V 幻象电源支持 XLR 电容麦克风。

适用场景

在手机/平板/电脑上进行直播
适用软件APP： 抖音、快手、手机淘宝、京东、YY、全民K歌、Adobe Audition、Audacity 等。

规格参数

数据传输	USB-C
频率响应	20Hz-20kHz
总谐波失真	THD<0.05% 1kHz
耳机输出功率	20mW, 32Ω (1kHz, THD+N=1%)
采样率	48kHz /16bit
无线连接	蓝牙4.2

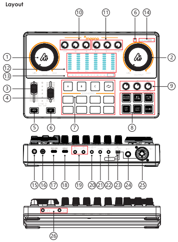
电池类型	锂聚合物电池
电池容量	2000mAh
充电参数	5V/1A
充电时长	约3小时
使用时长	约8小时（按键灯最亮）
产品尺寸	长24.5*宽15.7*高5.5CM（含按键高度）

配置清单

Maonocaster E2 声卡主机	直播音频线
使用说明书	USB-A to USB-C 线

红字部分不印刷

Layout



1.Background music adjustment
Turning the knob clockwise to adjust background music input with Bluetooth and AUX connection.

2.Mic control
Turning the knob clockwise to control mic gain in device connected via USB-C streaming port.

3.Mic 1 volume control
Push up the fader to turn up mic 1 volume.

4.Mic 2 volume control
Push up the fader to turn up mic 2 volume.

5.48V phantom power button
Press the power button to turn on/off the power supply for XLR mic. On/off operation will mute all audio for 2-3s and remove pop sound.

6.Bluetooth connection/Bluetooth indicator
6.1 Powering on the sound card, Bluetooth indicator will blink, Bluetooth search and automatically pair with paired mobile phone, then indicator light turned to solid.
6.2 Long press Bluetooth button for 2 seconds, indicator will turn off and end pairing.

7.Custom audio effect button
Maonocaster E2 provides 11 custom audio effect buttons.
Uses can record songs, music, beats via mic, external audio input, Bluetooth input, and save them to Maonocaster E2.
Press A/B/C button to record 1 minute audio effect, press Loop Button to repeat playing an audio effect. Press the other 8 buttons to record 20s (Max)audio effect.
※ By default, there is no customized audio effect.
7.1 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.
7.2 Delete recording: Long press a custom button with existing customized audio for more than 2 seconds, indicator will flash quickly and start deleting audio. Lights off indicators a successful audio delete.

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

8.Audio effect mode
There is six audio effect buttons including REVERB PRESETS, SIDE CHAIN, MUSIC ONLY, DRY WET, LOOP BACK, DENOISE.
8.1 Reverb Presets Mode has 6 preset reverberate effect including Studio, KTV, Church, Hall, Valley, Room. Switching to have different reverberate effect.
8.2 Side Chain Mode can be activated to lower the volume of background music and turn up the hosts' voice. A mode suitable for talking while streaming. Indicator light turns on/off when side chain mode is on/off.
8.3 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.
8.4 DRY WET Mode: Activate Dry mode, indicator light will be turned on, only mic input audio will be recorded. Activate Wet mode, indicator light will be turned off, all reverberated and background audio will be recorded and exported to output devices.
8.5 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.
8.6 Denoise Mode automatically blocks background noise, ensures the clearness of audio recording. Indicator light turns on/off when Denoise Mode is on/off.

9. Reverb Control knob
9.1 Audio effect volume knob
Turning the knob clockwise to adjust custom audio effect volume.
9.2 Reverb depth control knob
Rotate the knob clockwise to adjust the reverberation depth.
9.3 Reverb decay time control knob
Rotate the knob clockwise to control reverberation decay time.

10.Low, middle, high pitch changer
Adjust mic audio pitch to get rich low pitch, smooth middle pitch and clear high pitch.

11.Instrument, Pitch, Monitor knob
11.1 Instrument input audio volume control knob
Turning the knob clockwise to adjust Instrument audio volume.
11.2 Pitch effect control knob
Turning the knob clockwise to control mic 1/2 input audio voice-changing effect, voice will change from low Male effect to high pitch Female effect.
11.3 Monitor headphone volume control knob

Turning the knob clockwise to control volume of monitor headphone.

12.Level Display
Color of the Indicator: 1-5 Green; 6-7 Orange; 8 Red;
Display the level of accompaniment input, microphone inputs, music instrument input, sound pad volume, monitoring volume, and recording volume.

13.Auto-Tune
There is 12-Step Auto-Tune including A, Bb, B, C, Db, D, Eb, E, F, Gb, G, Ab. Short touch an Auto-Tune touch button to switch to the auto-tune. Long touch an Auto-Tune button to turn it off.

14.Battery power indicator light
4 LED light on indicates battery power is 100%.
3 LED light on indicates battery power is 75%.
2 LED light on indicates battery power is 50%.
1 LED light on indicates battery power is 25%.
When sound card is being charged, the LED lights will turned red one by one.

15.Power button
Turns on/off device.
Hold power button for 3 seconds to turn on/off sound card.

16.On/Off switch of buttons background light
The lamp is on by default, hold the power button for 1s to turn off light.
To active light again, please hold the power button for 1s.

17.DC⎓5V USB port
It can be used to charge Maonocaster E2.

18.USB—C port
It is for audio signal line out/in, can be connected to PC/smart phones to record. This USB-C port cannot be used to charge sound card.

19.Pod 1,2 output port
Maonocaster E2 provides two ports to output reverb audio to mobile devices like phones, iPads via live streaming platforms.

20.Speaker output port
It is for speakers and headphones.

21.Music input port
Connect with devices to input external audio to sound card and play the audio as streaming background music.

22.Mic 2 input port
Connect 3.5mm condenser mic to get mic input. Recommended mic: Maono PM325/PM360.

23.Mic 1 adjustment
Adjust the gain according to your microphone type and sensitivity.

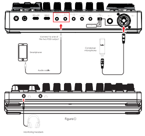
24.Instrument input port
Connect instruments like guitar and electronic drum via 6.35mm input port.

25.Mic 1 input port
Connect XLR or 6.35mm mics via the port and power them with 48V phantom power by switching on 48V phantom power button.
The XLR Mic input port supports XLR or 6.35mm Mic. Switching on 48V phantom power button to power mics. Recommended mic: Maono PM320/PM500.

26.Monitor headset jack
2 headset 3.5mm ports, supports TRS/TRSS headphone.

Sound card connection guide

1. Karaoke by mobile phone



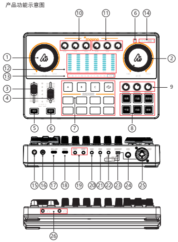
Figure①

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.

产品功能示意图



1. 伴奏音量控制
顺时针方向旋转控制旋钮，可增加通过伴奏3.5mm ，蓝牙输入的音频音量。

2. 录音音量控制
顺时针方向旋转控制旋钮，可控制声卡输出给直播口1/2、USB-C 输出的音频音量。 在使用时可根据实际使用情况顺时针旋转调大音量，逆时针减小音量。

3. 话筒1音量控制
向上推动控制推子可以增加麦克风1的音量。

4. 话筒2音量控制
向上推动控制推子可以增加麦克风2的音量。

5. 48V幻象电源供电开关
按下按键控制XLR接口麦克风的幻象电源供电。
开/关，会静音整个系统 2S到3S，去除POP声。

6. 蓝牙连接/蓝牙指示灯
6.1. 开机后，蓝牙指示灯闪烁，蓝牙正常工作，并且主动搜索并配对连接过的手机，连接后长亮。
6.2. 长按蓝牙按键2秒以上，蓝牙按键灯由常亮变为熄灭，自动关闭所有蓝牙配对。

7.自定义音效键
本声卡为用户提供11个自定义音效按键。
用户可通过麦克风，外接音源伴奏、蓝牙伴奏输入等方式将自己喜欢的歌曲，音乐，节拍等声音片段录入到声卡，以便在直播，录音时使用这些音效。
A/B/C 三个按键可录制1分钟时长的音效，按下“⟲”可开启音效重复播放功能。其他8个按键可录入时长20秒以内的音效；
※ 出厂的产品未录入自定义音效，需要用户自行录入后方可使用。
7.1 录音：开机状态下，声卡连接麦克风，或外接音源伴奏输入设备，或者连接蓝牙设备，长按任何一个自定义键3秒以上，看到灯慢闪，松开手指，此时为录音状态，声卡会通过上述通道录入音效，可根据实际需求录入相应时长的音频，短按即可停止录音，也可等灯光熄灭录制该按键允许录制的最长音效。
注意：每个自定义音效按键的储存空间是有限的，长按自定义音效键3秒以上，当这个自定义键内存录制满后会自动停止录音，此时灯会自动灭掉。
7.2 清除录音：长按任一已录制过的自定义键2秒以上，此时灯亮起并快速闪烁，进入开始清除录音状态，灯光自动熄灭，此时为清除完毕。
7.3 播放自定义音效：短按任一已录制过的自定义键启动播放特效，如果短按后灯亮，松开灯灭，则

表示没有录到声音。

8. 音效模式：
此区域有六个功能按键，分别为场景、闪避、消原音、干湿、内放、降噪。
8.1“场景”此功能有6个预设的混响效果，分别是原音、KTV、教堂、大厅、山谷、房间。切换后混响和回声的效果发生变化。
8.2“闪避”此模式在直播中开启时，声卡会自动压低背景音乐的音量，突显主播的人声， 适用于直播的聊天场景。 开启时按键灯亮起，关闭时灯光熄灭。
8.3“消原音”此模式能够将伴奏歌曲中人声的部分消除掉，保留音乐部分，方便使用者进行K歌演唱。点按开启和关闭此功能，对应按键灯光亮起和熄灭。
8.4 “干湿”启动“干声模式”此时对应按键灯亮起，后录入的只有麦克风输入的声音，其他伴奏、音效的声音都不会混合到麦克风的声音中；启动“湿声模式”此时对应按键灯熄灭，可将声卡所有混合的声音和伴奏音融合到音频信号中，统一输出。
8.5 “内放”启动内放后录入，通过USB下行到声卡的声音可被录制到，并通过USB 上行到电脑进行录制；关闭后通过USB下行到声卡的声音可被监听到，但并不通过USB 上行到电脑。
8.6 “降噪”此模式能够自动屏蔽背景噪音录入到话筒，能够让我们的唱歌和直播不受环境杂音的影响。 循环点按开启和关闭此功能，对应按键灯光亮起和熄灭。

9.混响控制旋钮
9.1特效音量旋钮
顺时针旋转控制旋钮，可调节11个自定义音效的输出音量。
9.2混响深度控制旋钮
顺时针旋转控制旋钮，可调节麦克风输入声音的混响深度，以及混响空间的大小。
9.3混响时间控制旋钮
顺时针旋转控制旋钮，控制麦克风输入声音的混响时间，以及调制前混响的延迟时间。

10.低、中、高音
此区域是调整话筒的音色，可以实现低音浑厚、中音顺滑、高音清晰。

11.乐器、变音、监听旋钮
11.1乐器输入音频音量控制旋钮
顺时针旋转控制旋钮，可控制通过乐器接口输入的音频音量大小。
11.2 变音效果控制旋钮
顺时针旋转控制旋钮，可控制话筒1/2输入音频的变音效果，旋钮从左往右，声音由低沉男声变为尖细女声。

11.3监听耳机音量控制旋钮
顺时针旋转控制旋钮，可控制监听耳机1/2的音量大小。

12.电平显示灯
电平指示灯颜色分布：1-5绿色；6-7橙色；8红色。
此处分别显示产品的伴奏输入、话筒（1和2）输入、乐器输入、特效输出 ，监听音量 和录音输出的电平大小。显示灯的段数越多表示音量越大。

13.电音功能
分别有A、Bb、B、C、Db、D、Eb、E、F、Gb、G、Ab 12个基调，短触“电音” 区域切换到对应的电音基调，长触“电音”区域灯灭关闭电音功能。

14. 电池电量显示
4个LED灯全亮为100%，3个LED灯亮为75%，2个LED灯全亮为50%，1个LED灯全亮为25 %； 充电时电量指示LED灯依次闪烁，同时亮红灯。

15.电源开关
开启和关闭声卡。
长按3秒开机；
开机状态下，长按3秒关机。

16.按键背景灯光开关
默认开机灯光打开，当用户不需要灯光时长按此键1秒关闭。
灯光关闭后，此时按键时只有功能，无灯光。灯光关闭后再长按1秒开启灯光。

17.DC⎓5V接口
此接口只负责产品外接电源给机器充电。

18.USB-C接口
数据接口，可用于音频信号的上行、下行，并可以与电脑/手机连接完成电脑/手机端的录音，且此接口无法为声卡进行充电。

19. 直播接口 1，2
使用3.5mm插头音频线通过直播接口将声卡混音后的声音输出到手机、平板等移动直播设备。
本声卡提供2个相同功能的直播接口，可同时支持多个平台直播。

20.音响接口
连接外接音响设备，如音箱、耳机等。

21.伴奏接口
通过音频线将外部音源或播放设备接入到声卡，方便直播时背景音乐伴奏播放。

22.话筒2接口
支持3.5mm电容麦克风输入，可搭配我司的PM325/PM360话筒进行匹配。

23.话筒1调节
从左到右依次为第一档为电容(40db)，第二档为动圈(50db)，第三档为动圈(60db)，使用时根据麦克风灵敏度的不同灵活调整此开关。

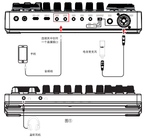
24.乐器接口
乐器6.35 mm 音频接口，可通过此接口输入吉他、电子鼓等，通过6.35mm TS插头音频线输入的乐器声。

25.话筒1接口
卡侬XLR麦克风接口，支持XLR 或6.35mm插头的麦克风输入，可通过48V按键开关提供48V幻象电源支持。可搭配使用我司的PM320 /PM500 话筒。

26.监听耳机孔
2个3.5mm监听耳机接口，可使用3段/4段的耳机进行声卡混音效果的监听。

声卡使用连接

一、 手机K歌



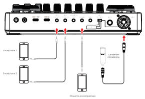
图①

1. 按照图示方式将手机、耳机、麦克风连接到声卡。
2. 下载手机端K歌软件如：全民K歌、酷狗唱唱等手机端K歌APP。
3. 打开声卡电源，并调试好各种需要的音效。
4. 开启手机K歌软件进行K歌。

注意事项

- 因某些手机没有3.5mm的插孔， 需要配合手机原厂OTG音频转接器使用。
- OTG音频转接器请向手机原厂购买。

2. Live Streaming on mobile phones

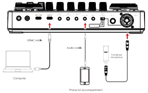


1. Connect the live mobile phone, accompaniment mobile phone, earphone and microphone to the sound card as shown in the above figure and figure ①.
2. Download the steaming app on smartphone.
3. Turn on the podcast console and select the sound effects needed.
4. Open the music app on the mobile phone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

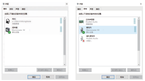
Note:

- 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 and figure ①.
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 E2" as the system default playback in "Playback" and "Recording" option.

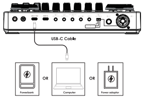


4. Open the live streaming software on the computer and confirm again in software settings that "Maonocaster E2" is the the default audio and playback device.

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



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⎓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 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 E2", 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.

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 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.

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 "Maonocaster E2" 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.*

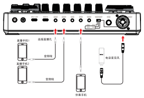
Note

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.

二、 手机直播

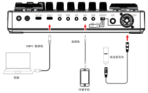


1. 按上图以及图①示方式将直播手机、伴奏手机、耳机和麦克风连接到声卡。
2. 下载手机端直播软件，如：抖音、斗鱼、快手、京东、手机淘宝等手机端直播APP。
3. 打开声卡电源，并调试好各种需要的音效。
4. 开启手机直播软件进行K歌。

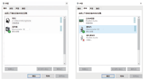
注意事项

- 因某些手机没有3.5mm的插孔，需要配合手机原厂OTG音频转接器使用。OTG音频转接器请向手机原厂购买。
- 本声卡可同时支持2个不同平台进行直播，在实际使用时可根据需要增加或减少直播手机的连接。
- 本声卡支持两路话筒同时输入到声卡，可应用到直播中双人直播场景，如一人直播则无需连接两路话筒，请根据实际需要添加话筒。

三、 电脑直播



1. 按照上图以及图①示将伴奏音源（手机）、耳机、麦克风连接到声卡。
2. 使用附送的USB-C数据线连接电脑和声卡，电脑将自动识别声卡并进行驱动匹配。
3. 进入Windows 的声音控制面板，在“播放”和“录制” 中，将声卡“Maonocaster E2” 设置为系统默认播放和录制设备。

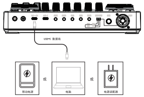


4. 打开电脑上的直播软件，在直播软件的设置中再次确认“Maonocaster E2”是否是软件默认的音频录制和播放设备，如果不是，请在软件中再次选择“Maonocaster E2” 作为软件的音频设备。

注意事项

- 此种直播设备连接方法结合手机直播连接方法可实现手机、电脑的同步直播。
- 在直播中如需与粉丝进行连麦互动，请按下声卡上的“干湿”按键后再进行网络连麦直播操作。
- 使用新的软件直播前，请先充分调试好设备后再进行直播。

四、 充电



1. 可使用USB-C 数据线连接电脑、充电宝和电源适配器进行充电。
2. 充电时声卡上的电池指示灯会亮起红灯，同时电量指示灯会根据电池电量闪动指示。
3. DC⎓5V充电接口仅支持给声卡充电，没有数据传输功能。

注意事项

- 初次使用时请先对声卡进行充电。
- 如果长时间不用，请每隔3个月对声卡进行一次充电。
- 关机状态下也可以进行充电。
- 请勿长时间充电，当电池充满后请及时停止充电，避免电池过充。

五、 蓝牙连接

本声卡具有蓝牙连接功能（参见功能介绍第6项），可以连接手机作为直播的伴奏音源。

1. 打开声卡，声卡正面的蓝牙符号开始闪烁。
2. 在手机蓝牙菜单中搜索设备，找到“Maonocaster E2” 的蓝牙设备，并点击名称进行连接。
3. 手机连接声卡后，蓝牙符号停止闪烁。
4. 连接蓝牙的手机作为伴奏设备，请提前设置好伴奏音源的播放器。
5. 打开手机、电脑上的直播软件进行直播。

注意事项

- 蓝牙连接受距离限制，请勿将手机放置于较远的距离，以免影响伴奏音乐的传输。
- 此蓝牙连接仅限于作为伴奏音源使用。

六、 故障处理

6.1 无法开机

①请检查声卡是否有电，请进行充电后再开机。
②开机时需要按住“⏻”3秒以上，才能对声卡进行开机操作。

6.2 伴奏无声音

①请检查外接音源是否连接到声卡的伴奏插孔。
②请检查右侧的伴奏音量控制旋钮是否有打开。
③请检查伴奏设备的音量是否有开大。

6.3 耳机无声音

① 请检查耳机线是否插入到正确的位置，需要接入到本声卡的“🎧” 或“音箱”插孔。
② 声卡的“ ” 推子是否有向上开启，并逐步增加音量。

6.4 话筒没声音

① 请检查麦克风是否连正确接到话筒插孔，请重新插拔后再试。
② 请检查右侧的“录音”旋钮是否有打开，旋钮顺时针旋转缓慢开启话筒音量后再试。
③ 声卡的“ ”是否有向上开启，并逐步增加音量。
④ 请向话筒经销商确认你的麦克风是否可以用于此声卡，也可向我们咨询推荐的麦克风型号。

6.5 直播没有声音

① 请检查声卡上“录音”旋钮是否有开启，顺时针旋转“录音”旋钮缓慢增加直播的声音直到合适位置。
② 请检查直播软件中是否已将此声卡“Maonocaster E2”作为直播软件的默认播放和录制设备，如果没有，请按本手册“电脑直播”中的方式进行设置。

安全事项

为避免高温、噪音、辐射、火灾、机械等因素带来的人身伤害或财产损失，请在安全的环境中使用本产品，并仔细阅读并遵守以下事项。

1. 使用时如遇到产品发热、冒烟、异味等情况，请及时关闭电源并拔掉电源线，并将产品移送经销商进行检修。
2. 请勿自行改装、拆解或维修本设备，以免产品保修失效或是造成人身伤害，如有需要请联系经销商进行处理。
3. 本产品应在干燥、通风、安全的环境中使用和保存，请勿在潮湿、多尘的环境中使用本产品。
4. 请避免雨水、 灰尘进入产品内部造成产品短路； 靠近火源、碰撞、剧烈震荡都会对产品造成不可逆转损坏。
5. 请勿在法律明确禁止使用的场合中使用本产品，请遵守相关安全规定安全使用本产品，以免导致意外事故发生。
6. 本产品不可作为儿童玩具使用，请放置于儿童不可接触的位置。

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