DEERSYNC™

M-3RIO

MIDI CC CONTROLLER

User's Guide

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IMPORTANT SAFETY INSTRUCTIONS

Introduction:

Thank you for purchasing M-BRIO, the Universal MIDI CC controller for Windows, macOS, iOS and Android.

To help you get the most out of your new MIDI controller, please read all warnings and instructions carefully.

This equipment must only be connected to port with USB2.0 compatibility.

Legal Disclaimer:

The information contained in this User's Guide is believed to be correct at the time of printing.

Deersync is not responsible for any losses incurred due to the descriptions, images, or statements mentioned in this User's Guide. Deersync reserves the right to change or modify any of the specifications without notice or obligation.

Note: The following information is crucial for operating this device.

Please read carefully.

Caution:

Do not place this device in wet or humid conditions to avoid fire or electrical hazards. It should not be exposed to liquid splashes, and containers with liquids (e.g., water cups) should not be placed on it.

Caution:

The maintenance instructions are intended for qualified professional technicians only. Please do not attempt repairs other than those mentioned in the user manual (or User's Guide) to avoid electrical hazards. Please let eligible professionals conduct all repairs.

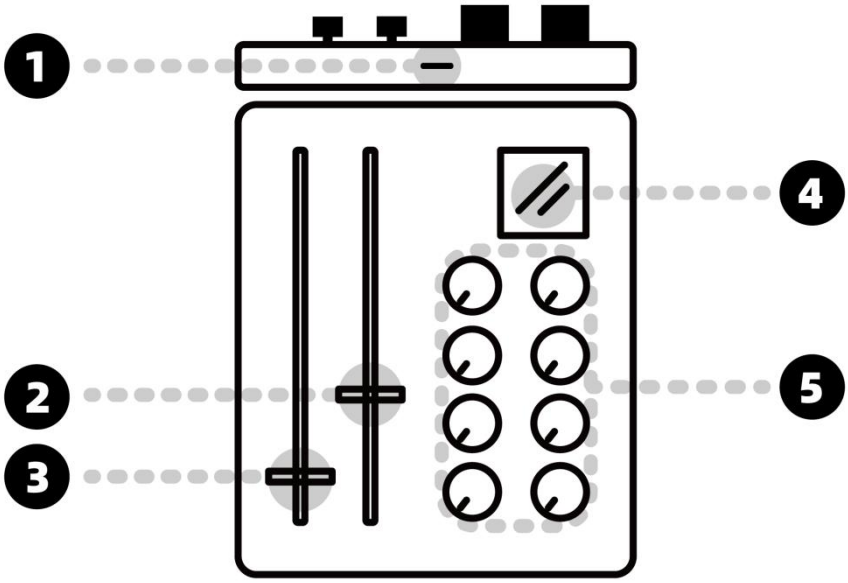
Protect your M-BRIO

1. Use only the USB data cable provided by the manufacturer.
2. Keep dust or debris away from all connecting ports.
3. Do not leave heavy objects resting on M-BRIO for a long period of time.
4. Always remove the USB cable before cleaning.
5. Use only dry cloth, do not use liquid cleaners, sprays, or wet cloths. Do not use solvents such as gasoline, alcohol, or any organic solutions.
6. Do not use this device near water.
7. Do not install this product near heat sources such as radiators, stoves, or other heat-generating devices.
8. Protect the connecting cable to prevent damage. When carrying this product, be sure to remove the cable to avoid injury or breakage of the connectors.
9. Use only manufacturer-specified accessories.
10. Disconnect the power plug during thunderstorms, prolonged non-use, or when the device is damaged, eg., damaged pins, liquid ingress, foreign objects inside the device, exposure to rain or moisture, or if the device malfunctions.
11. Please let qualified technicians perform all repairs. If the device is damaged, eg., plugs, liquid ingress, or foreign objects inside the device, the device does not function.

I. Getting to know your M-BRIO:

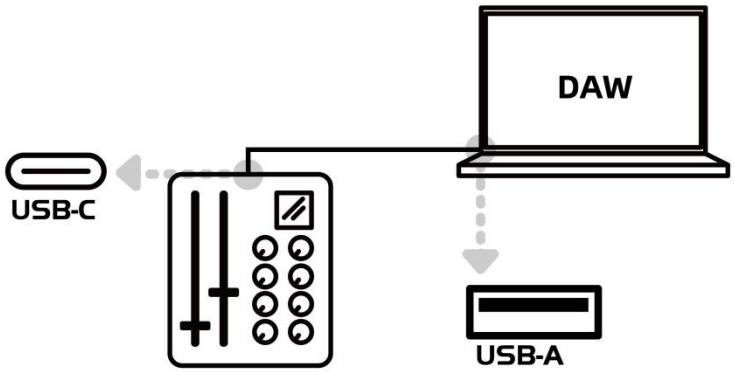
M-BRIO is a plug-and-play ready MIDI CC made for Windows, macOS, iOS and Android.

Operational Component Description: (As shown in the diagram)



1	Device interface Type USB-C
2	Sliding Potentiometer 1
3	Sliding Potentiometer 2
4	Status display screen
5	Can be pressed down encoder X 8

- Connection to the Computer: This controller connects to the computer via USB-C. (As shown in the diagram)



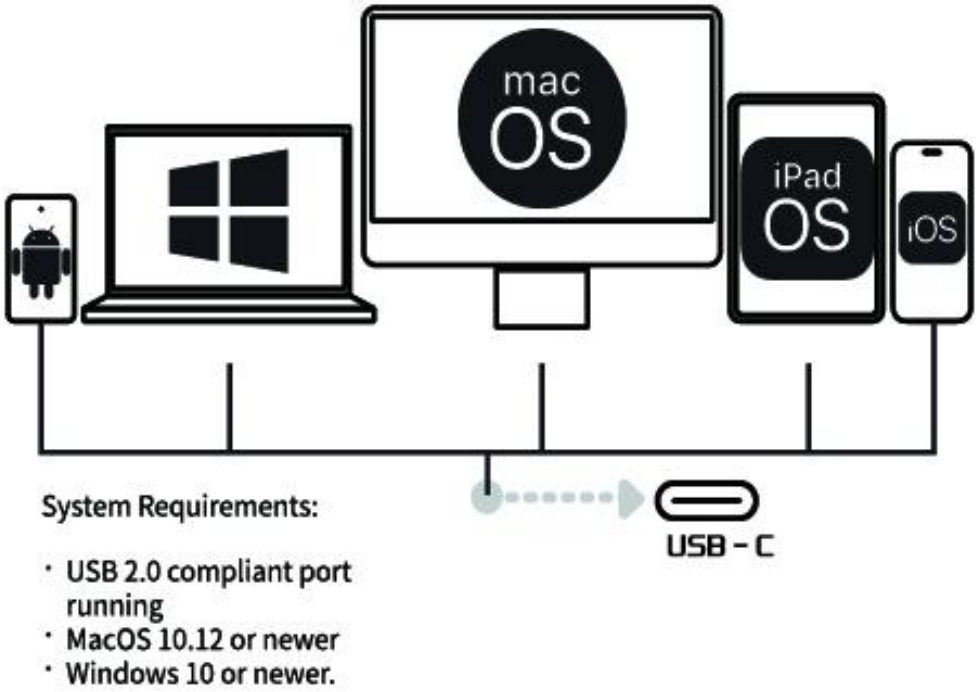
Hardware Connection:

1. Use the USB data cable provided by the manufacturer to connect M-BRIO directly to an available USB-A or USB-C port on your computer. (As shown in the diagram)

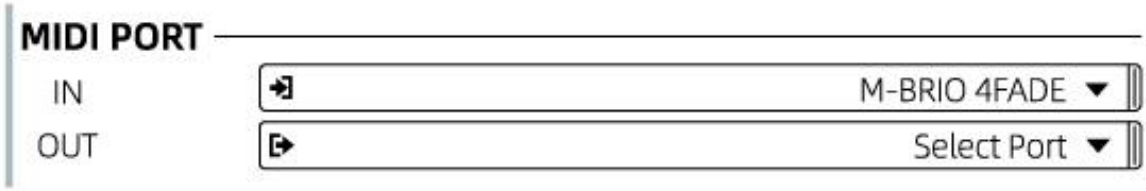
   a). Launch your DAW software or application. The controller's screen will light up and display data in real time.

   Note:
   If no MIDI-related software is opened on your computer, the screen will remain static, displaying no information. This is normal.

   b). If your computer has no available USB ports, try using a powered USB hub to connect.



2. Open any other connections in the MIDI-related software on your computer.

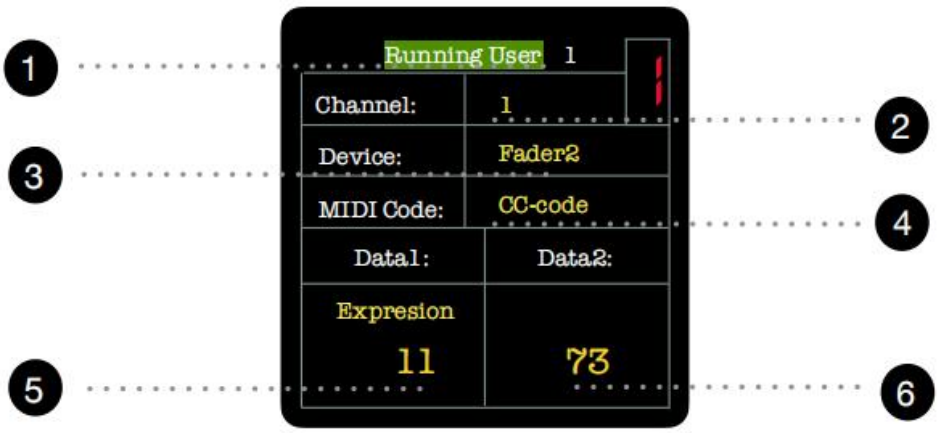


Successful Connection:

Open your MIDI production software once the above steps are completed. The screen will display relevant control information as you slide faders or rotate encoders, and the screen will update in real-time as you make changes.

Understanding screen content:

Here, we indicate all the information the controller displays when operating normally. (As shown in the diagram)



1. *Preset Display* indicates the current user preset. 8 sets of settings can be modified and stored.

2. *MIDI Channel* indicates the current MIDI channel. Channels from 1-16 can be chosen.

3. *Device name* indicates the current device including Encode1-8, Fader1-2 and Key1-8.

The encoder is manipulated by rotating the encoder.

The fader is manipulated by sliding the fader.

The key is manipulated by pressing down the encoder.

4. *MIDI control protocol* is a standardised communication protocol which is not modifiable here.

5. *Data1* is CC control parameter that indicates the controlled parameter.

6. *Date2 i*s CC control parameter that ranges from 1-127.

II. Learning to customize your M-BRIO:

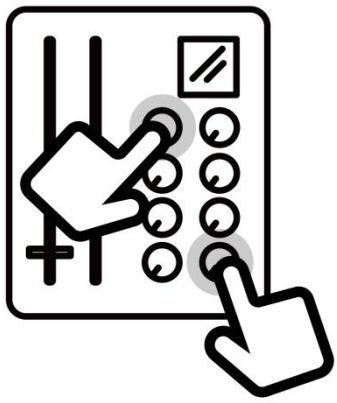
The M-BRIO is easy to configure or customize. It is a “stand-alone unit” that functions independently. All configuration components are integrated and can be done on the controller. YOU DON’T NEED TO INSTALL ADDITIONAL DRIVERS OR EDITING APPS. It’s as simple as that! Now, let’s learn how to customize your M-BRIO.

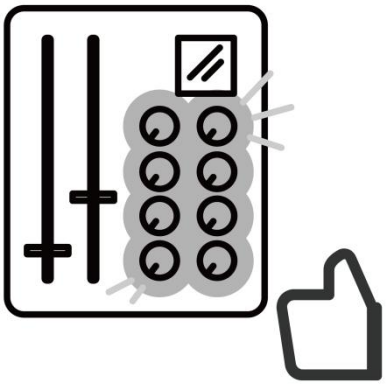
Perform the following steps when the controller is correctly connected to the computer.

1. Simultaneously press and hold encoders 1 and 8. (As shown below).

   Note:

   When the LED lights on the knobs on the device start a water-like effect, release your fingers.

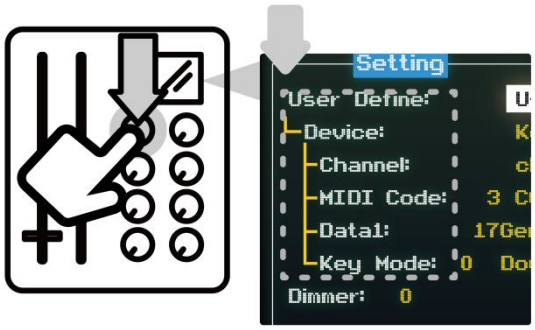


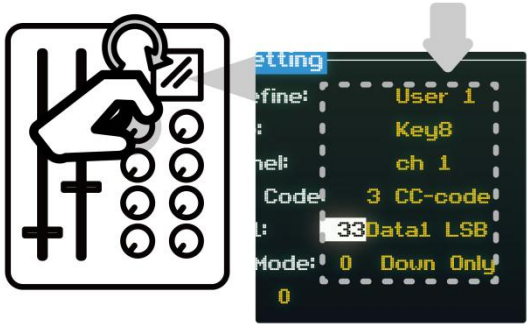


2. The following information will appear on the screen (As shown below).

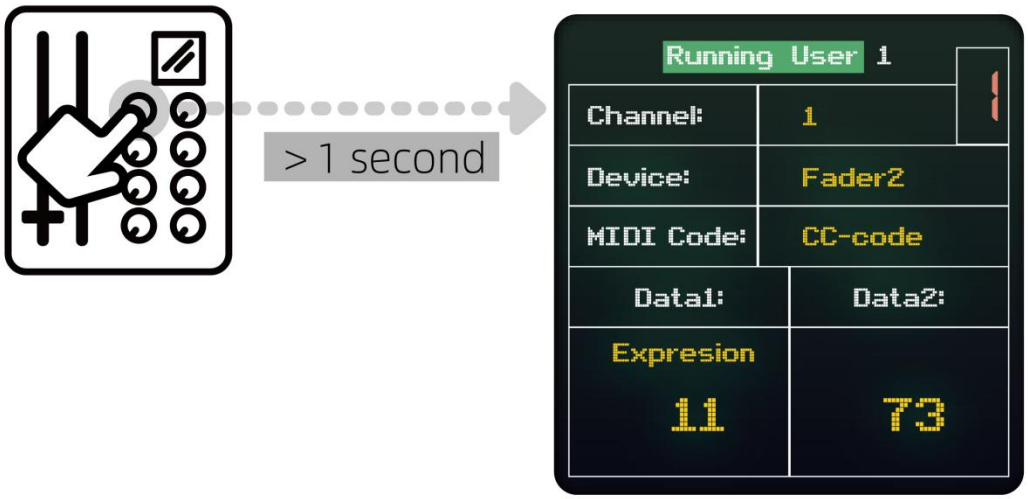
Note:

The controller is now in custom mode, and only encoder 1 can be operated. Press encoder 1 to select MIDI CC information control status displayed on the screen. Each press will enter the following status, and when you reach the status bar you want to change, start rotating the encoder until you find the CC information you wish to define. You can then press encoder 1 to select other function information until all the required information is displayed on the screen.





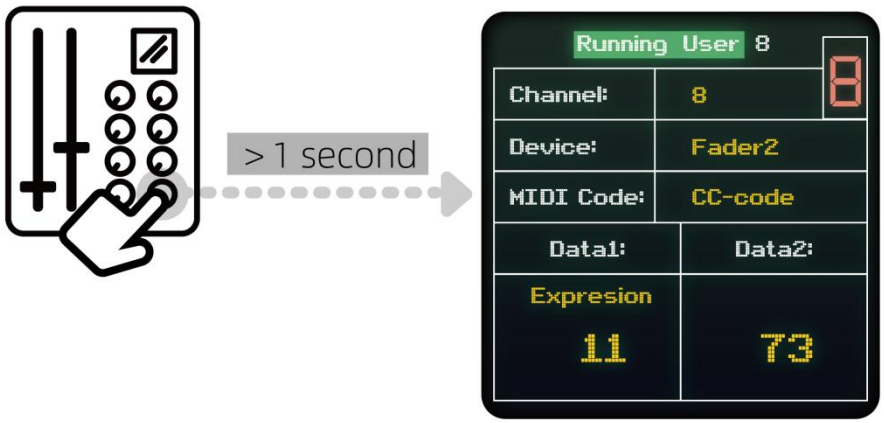
3. After completing the required custom settings, press and hold encoder 1 (for more than 1 second) (as shown below). Release it, and the controller will automatically restart. Now the custom operation process is complete. The screen will update and display the information again.



III. Learning How to Recall Presets from Your M-BRIO:

Re-calling presets on the M-BRIO is straightforward and simple. (As shown in the diagram)

The encoders labeled 1-8 represent different presets. You only need to long-press the corresponding encoder and release it (press for more than 1 second), and the controller will automatically restart. At this point, the controller has switched to the corresponding preset.



IV. Troubleshooting:

1. The screen is black: It is likely due to an insufficient power supply from the USB interface on the computer.

a). Try changing the USB data cable (Note that the cable specifications must support power supply and transmission simultaneously).

b). Try to use a different USB port on the computer.

c). If you are using a USB hub, try replacing the USB hub (We recommend using a powered USB hub).

2. The screen displays, but the data does not change.

a). Try opening a software with MIDI functionality; The controller cannot receive or send signals without MIDI software, causing the screen to display no data.

b). Potentiometer jitter during movement; please contact customer service.

c). No data displays when rotating the encoder; please contact customer service.

d). LEDs under each knob stop at one color; please contact customer service.

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- Stay updated with important product information by receiving email.
- Participate in the Customer Satisfaction Survey to have an opportunity to win a Deersync gear.

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DEERSYNC™

M-3RIO

MIDI CC CONTROLLER

用户手册

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IMPORTANT SAFETY INSTRUCTIONS

感谢购买DEERSYNC M-BRIO 通用MIDI CC控制器, 可用于Windows, macOS, iOS和Android。

为了帮助您充分利用您的控制器性能，请阅读并理解所有使用警告和指导。
此设备只能连接到USB2.0兼容的端口。

法律声明:

对于任何因在此说明书提到的全部或部份描述、图片或声明而造成的, DEERSYNC 不负任何责任。技术参数和外观若有更改, 恕不另行通知。

注: 以下信息对使用本设备非常重要

请仔细阅读

注意:

为避免着火或触电危险, 请勿将此设备置于雨淋或潮湿中。此设备也不可受液体滴溅, 盛有液体的容器也不可置于其上, 如水杯等。

注意:

维修说明仅是给合格的专业维修人员使用的。为避免触电危险, 除了使用说明书提到的以外, 请勿进行任何其它维修。所有维修均须由合格的专业人员进行。

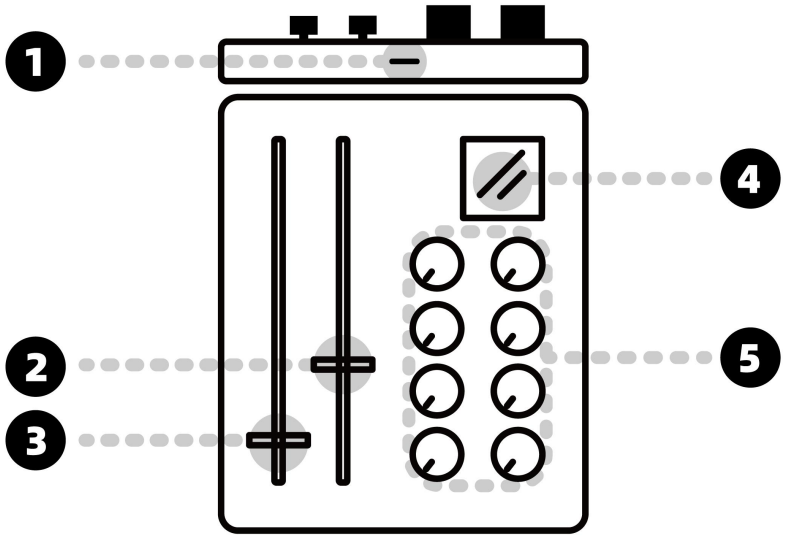
如何保护 M-BRIO

1. 请阅读并遵守这些说明。
2. 请勿在靠近水的地方使用本产品。
3. 请用干布清洁本产品。请勿使用清洁剂，喷雾或者湿布进行擦拭。请勿使用含汽油，酒精等溶剂进行擦拭。
4. 请在清洁产品之前移除USB信号连接线。
5. 请保证USB接口内的清洁，避免杂物灰尘落入。
6. 请勿将本产品安装在热源附近, 如暖气片 , 炉子或其它产生热量的设备。
7. 请勿使用质量不合格的USB信号连接线。
8. 请勿将重物置于产品之上。
9. 妥善保护连接线, 使其不被破损，外出携带此产品时，务必将连接线取下，防止连接口的折断损毁。
10. 请只使用厂家指定的附属设备和配件。
11. 遇闪电雷鸣或长期不使用本设备时, 请拔出电源插头。
12. 设备受损时需进行维修, 所有维修均须由合格的维修人员进行。
    例如：插头受损, 液体流入或异物落入设备内, 设备遭雨淋或受潮, 设备不能照常运作或被摔坏。
13. 本设备所连接到的电脑的电源请确保有接地保护。

I. 了解你的M-BRIO:

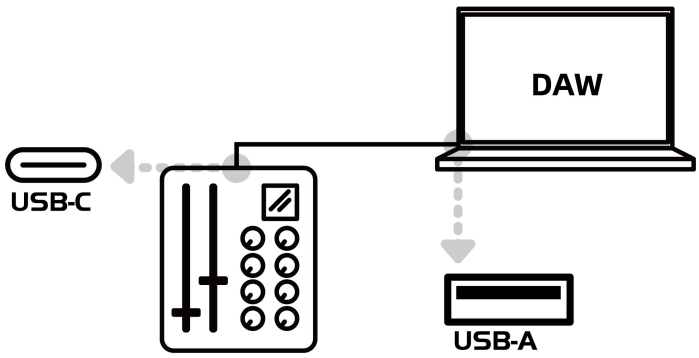
M-BRIO 是一款USB类兼容的MIDI CC控制器，支持Windows, macOS, iOS以及Android平台。您不需要为它下载和安装任何的程序。

可操作的部件说明: (如图)



1	USB-C 接口
2	滑动变阻器推子
3	滑动变阻器推子
4	显示屏
5	可按压式旋钮

与电脑的连接方式： 本控制器通过USB连接方式与电脑连接。（如图）



硬件连接：

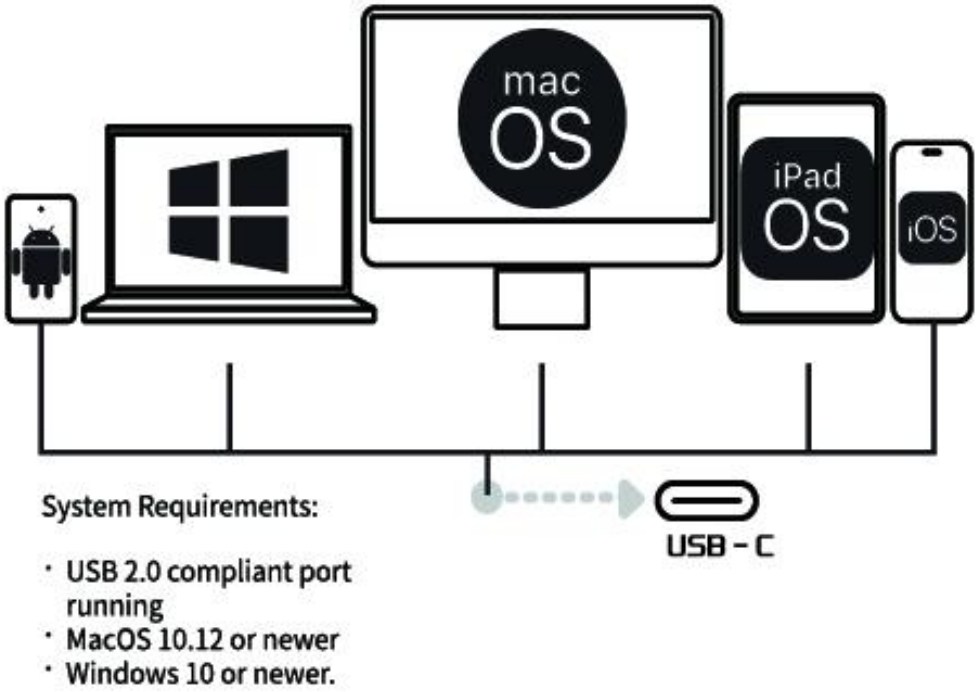
1. **使用随设备提供的USB线直接连接M-BRIO 到电脑上可用的USB-A或者是USB-C端口。（如图）**

1). 打开 DAW 软件或要操控的其他应用程序之后，显示屏会亮起来并实时显示相关数据。

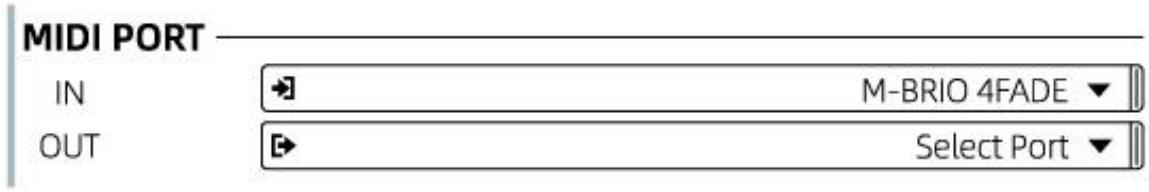
注:

如果中你的电脑中没有开启任何MIDI 相关的软件，屏幕此时会处于静止状态，不会显示任何的信息，这是正常情况。

2). 如果你的电脑没有多余的USB接口，那么建议一定要用带主动供电的USB hub来连接M-BRIO。



2. 打开电脑系统中MIDI 相关的软件中的其它相关连接。

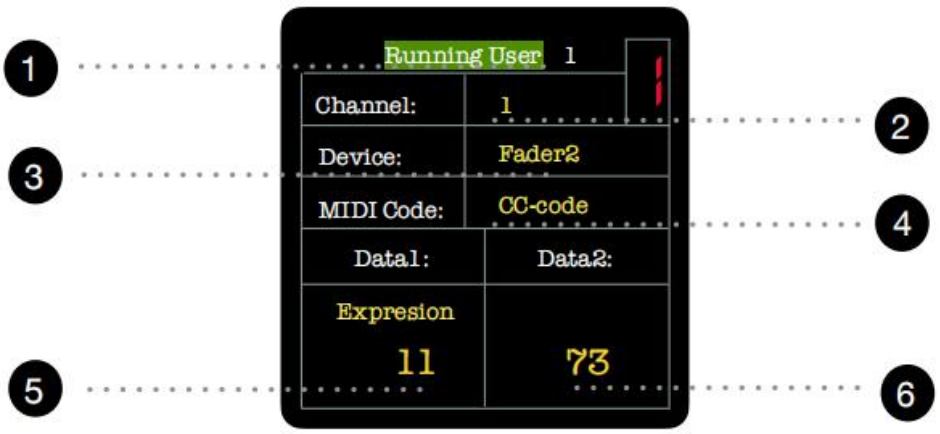


连接成功:

以上步骤完成之后, 打开MIDI制作软件, 滑动推子或者旋转编码器, 屏幕中都会显示相关的控制信息并且随着操作的改变，屏幕会实时显示相关的控制信息。

了解屏幕的显示内容:

(这里只标识控制器在正常工作时的全部信息。)



1. *Running User* 显示当前所在的预设用户组，一共有8组预设供设置和存储.

2. *Channel* 显示当前所在的MIDI 通道. 默认共有16个通道.

3. *Device* 显示当前控制的部件的，其中包括Encode（编码器）1-8, Fader（推子）1-2 以及 Key（键）1-8.

Encoder（编码器）通过旋转操控.

Fader（推子）通过划动操控.

Key（键）通过下按编码器操控.

4. *MIDI code* 是标准MIDI 协议，此处无法调节.

5. *DATA1* 显示当前选定的CC号.

6. *DATA2* 显示MIDI CC 的变化量，默认从 1-127.

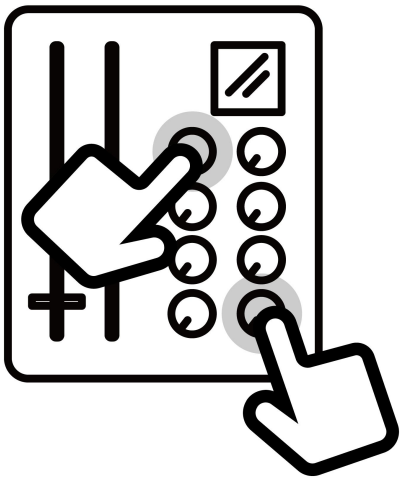
II. 学习M-BRIO 的自定义方式:

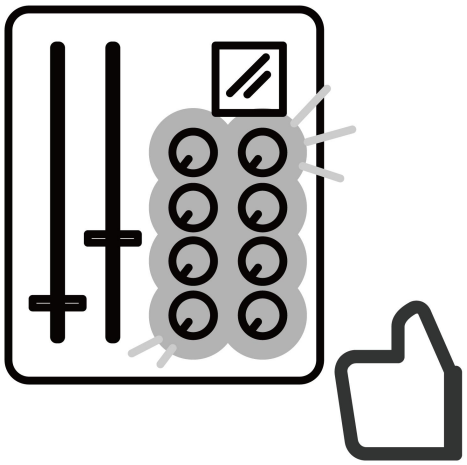
M-BRIO 可以很简单方便的自定义每个可操控部件的MIDI CC信息，这个过程不需要为你的电脑安装任何辅助软件，所有的自定义都可以在控制器上完成。

现在我们来学些如何自定义你的M-BRIO。
当控制器与电脑正确连接完成之后，可执行以下操作。

1. 同时按下1号和8号编码器.

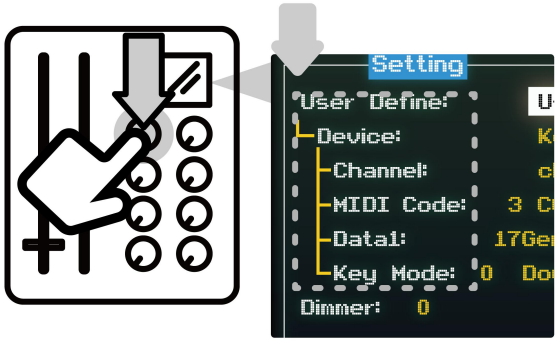
当设备上的旋钮的LED 灯开始流水灯效果，松手即可.

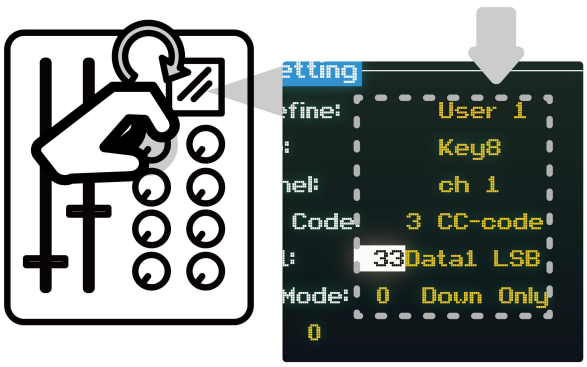




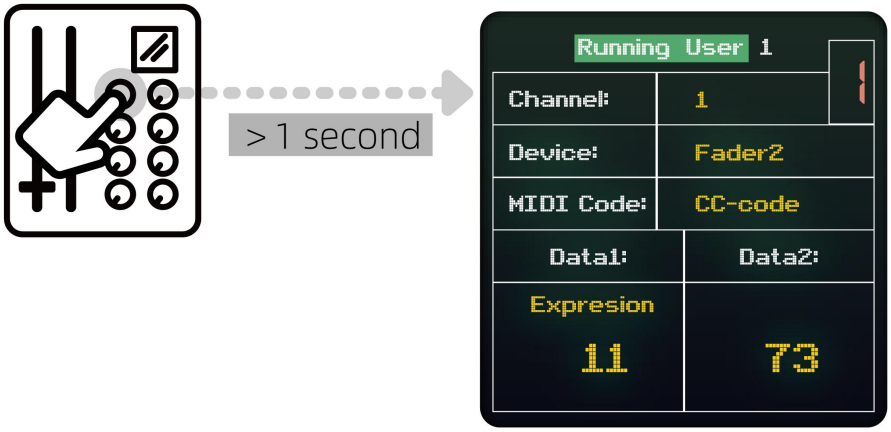
2. 此时屏幕中会出现以下信息：

此时控制器已经进入自定义模式，只有1号编码器可以操作。下按1号编码器可以选择屏幕中的MIDI CC信息控制状态。每按一次，就会进入下一个状态，当到达要更改的状态栏时开始旋转编码器，直到找到想要定义的CC信息。随后可继续下按1号编码器来选择另外的功能信息。直到屏幕中显示了所有需要的信息。





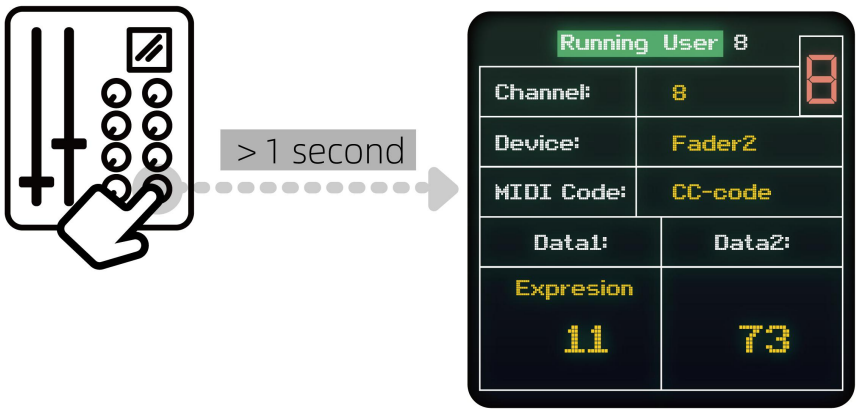
3. 完成了所需自定义设置后，此时长按1号编码器(大于1秒)，（如图）。松手后控制器会自动重启。等到屏幕重新显示信息之后，自定义操作过程表示完成。



III. 如何从你的M-BRIO 中调用预设:

在M-BRIO 中调用预设非常的简便，（ 如图 ）

1-8号编码器代表着对应的8个预设组。图中标示的为8号编码器。您只需长按对应的编码器（按压大于1秒），控制器即会自动重启。此时，控制器已经切换到了对应的预设。



IV. 故障说明:

1. 屏幕黑屏：很大的概率是因为电脑端的USB接口供电不足。

1）.可以尝试更换USB数据线。

注:

连接线规格一定是可以同时供电及数据传输

2）.尝试更换到电脑其他的USB接口。

3）.如果是用的USB HUB连接，尝试更换USB hub。（建议使用主动式供电的USB hub）。

2. 屏幕有显示，但是数据没有变化。

1）.可以尝试打开有MIDI 功能的软件，

注:

控制器在没有检测到MIDI软件的情况下无法接收和发送信号，从而屏幕不能显示数据。

2）. 电位器在推动时，软件端数据有抖动。这种情况下，请联系客服。

3）. 旋转编码器在转动的时候，没有数据。这种情况下，请联系客服。

4）. 每个旋钮下面的LED灯停止在一个颜色。这种情况下，请联系客服。

寻求更多帮助？请登陆我们的网站 www.deersync.com.