

IMPORTANT SAFETY INSTRUCTIONS

Legal Disclaimer Deersync is not responsible for any losses incurred due to the descriptions, images, or statements mentioned in this user manual (or User's Guide), either in whole or in part. Technical specifications and appearance are subject to change without prior notice.

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. Do not attempt repairs other than those mentioned in the user manual (or User's Guide) to avoid electrical hazards. Eligible professionals must conduct all repairs.

1. Please read these instructions.
2. Keep these instructions safe.
3. Pay attention to all warnings.
4. Follow all instructions.
5. Do not use this product near water.
6. Clean this product with a dry cloth.
7. Ensure the cleanliness of the USB interface to prevent debris or dust from entering.
8. Do not install this product near heat sources such as radiators, stoves, or other heat-generating equipment.
9. Use high-quality USB signal cables sparingly.
10. 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.
11. Use only manufacturer-specified accessories.
12. Disconnect the power plug during thunderstorms, prolonged non-use, or when the device is damaged, e.g., damaged pins, liquid ingress, foreign objects inside the device, exposure to rain or moisture, or if the device malfunctions.
13. Qualified technicians must perform all repairs. If the device is damaged, e.g., plugs, liquid ingress, or foreign objects inside the device, the device does not function

<https://deersync.com>



M-BRIO MIDI CC CONTROLLER User's Guide

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Getting Started

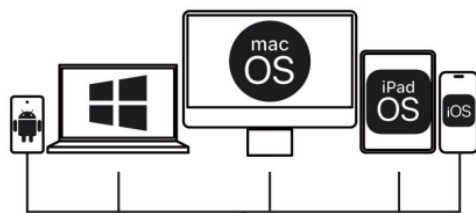
M-BRIO is a USB-MIDI plug-and-play device. It can operate on Windows, macOS, iOS, and Android without additional driver installation or editing apps for in-depth configuration.

Hardware Connection:

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

Note:

- a). In the absence of any faults, the controller's screen will light up at this point, and when any component on the controller is operated, the screen will display relevant data in real-time. If no MIDI-related software is open on your computer, the screen will remain static, displaying no information. This is normal; please proceed to the next step.
- b). If your computer has no available USB ports, it is recommended to use a powered USB hub to connect M-BRIO.



System Requirements:

- USB 2.0 compliant port running
- MacOS 10.12 or newer
- Windows 10 or newer.

2. Open any other connections in the MIDI-related software on your computer. (As shown in the diagram)

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.

3. Understanding Screen Content: (As shown in the diagram) Here, we indicate all the information the controller displays when operating normally.

Preset Display (Can store 8 sets)

MIDI Channel
Device name
MIDI control protocol

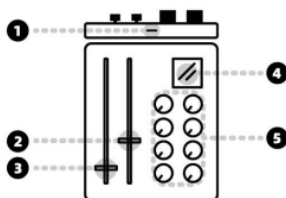
CC control parameters

CC control parameter range

Running User 1	
Channel:	1
Device:	Fader2
MIDI Code:	CC-code
Data1:	Data2:
Expression	11 73

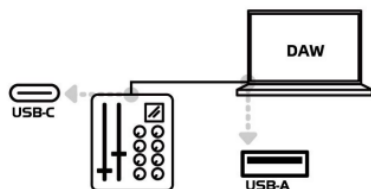
I. Getting to Know Your M-BRIO:

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)



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II. Learning to Customize Your M-BRIO:

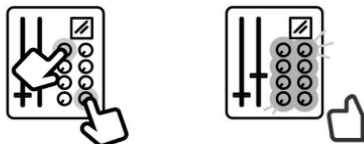
M-BRIO makes it simple and convenient to customize MIDI CC information for each controllable component. This process does not require installing editor applications on your computer for in-depth configuration; all customizations can be done on the controller. It's very convenient. Now, let's learn how to customize your M-BRIO.

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

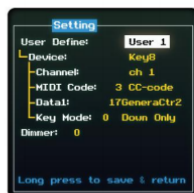
1. Simultaneously press and hold encoders 1 and 8. (As shown below).

Note:

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

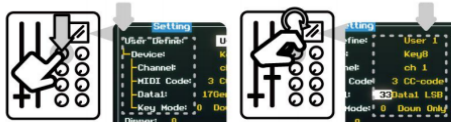


2. The following information will appear on the screen (As shown below)



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 data is displayed on the screen.



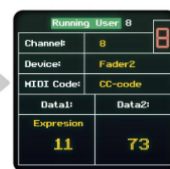
3. After completing the required custom settings, long-press encoder 1 (for more than 1 second) (as shown below). Release it, and the controller will automatically restart. The custom operation process is complete once the screen displays the information again.



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

Calling presets from M-BRIO is straightforward. (As shown in the diagram)

The encoders labeled 1-8 represent different preset storage sets. 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.



III. Troubleshooting:

1. The screen is black: This 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). Attempt 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 software with MIDI functionality; the controller cannot receive or send signals without MIDI software, causing the screen to display no data.
- c). No data when rotating the encoder; please contact customer service.
- d). LEDs under each knob stop at one color; please contact customer service.
- b). Potentiometer jitter during movement; please contact customer service.