C2MIDI PRO
USER MANUAL V03

Hello, thank you for purchasing CME's professional products!

Please read this manual completely before using this product. The pictures in the manual are for illustration purposes only, the actual product may vary. For more technical support content and videos, please visit this page: www.cme-pro.com/support/

IMPORTANT

- **Warning**

  Improper connection may result in damage to the device.

- **Copyright**

- **Limited Warranty**

CME provides a one-year standard Limited Warranty for this product only to the person or entity that originally purchased this product from an authorized dealer or distributor of CME. The warranty period starts on the date of purchase of this product. CME warrants the included hardware

against defects in workmanship and materials during the warranty period. CME does not warrant against normal wear and tear, nor damage caused by accident or abuse of the purchased product. CME is not responsible for any damage or data loss caused by improper operation of the equipment. You are required to provide proof of purchase as a condition of receiving warranty service. Your delivery or sales receipt, showing the date of purchase of this product, is your proof of purchase. To obtain service, call or visit the authorized dealer or distributor of CME where you purchased this product. CME will fulfill the warranty obligations according to local consumer laws.

- Safety Information

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, damages, fire, or other hazards. These precautions include, but are not limited to, the following:

- Do not connect the instrument during thunder.
- Do not set up the cord or outlet to a humid place unless the outlet is specially designed for humid places.
- If the instrument needs to be powered by AC, do not touch the bare part of the cord or the connector when the power cord is connected to the AC outlet.
- Always follow the instructions carefully when setting up the instrument.
- Do not expose the instrument to rain or moisture, to avoid fire and/or electrical shock.
- Keep the instrument away from electrical interface sources, such as fluorescent light and electrical motors.
- Keep the instrument away from dust, heat, and vibration.
- Do not expose the instrument to sunlight.

- Do not place heavy objects on the instrument; do not place containers with liquid on the instrument.
- Do not touch the connectors with wet hands

PACKING LIST

1. C2MIDI Pro interface
2. Quick Start Guide

INTRODUCTION

C2MIDI Pro is the world's first smart MIDI cable with a USB interface. It can be used as a standalone MIDI mapper and filter between two MIDI devices, or as a plug-and-play USB MIDI interface to connect any USB-equipped Mac or Windows computer, as well as an iOS device or Android device (via a USB OTG cable). It has 1 USB-C connector, 1 MIDI IN and 1 MIDI OUT standard 5-pins MIDI plug. It supports 16 MIDI channels.

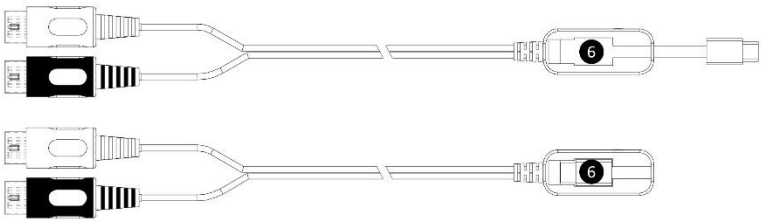
C2MIDI Pro comes with the free UxMIDI Tool software (available for macOS, iOS, Windows, and Android). You can use it for firmware upgrades, as well as set up MIDI routing, mapping and filtering settings. All settings will be automatically saved in the interface, making it easy to use standalone without connecting a computer. It can be powered by a standard USB power supply (bus or power bank) and a MIDI OUT port (supports both 5v and 3.3v).

C2MIDI Pro uses the latest 32-bit high-speed processing chip, which enables fast transmission speeds over USB to meet the throughput of large

data Messages and to achieve the best latency and accuracy on sub millisecond level. It connects to all MIDI devices with standard MIDI sockets, as well as USB MIDI devices that meet the plug-and-play standard, such as: synthesizers, MIDI controllers, MIDI interfaces, keytars, electric wind instruments, v-accordions, electronic drums, electric pianos, electronic portable keyboards, audio interfaces, digital mixers, etc.

Front and side

back



1. [TO MIDI IN ➔] black 5-pins DIN connector

- Connect this connector to the 5-pins MIDI IN port of a standard MIDI device for sending MIDI messages.

2. [TO MIDI OUT ➔] White 5-pins DIN connector

- Connect this connector to the 5-pins MIDI OUT/Thru port of a standard MIDI device for receiving MIDI messages.

Note: *When using the C2MIDI Pro as a standalone Smart MIDI cable, it can be powered from the MIDI OUT port of most MIDI devices (compatible with 5V or 3.3V MIDI, the MIDI device must comply with the MIDI standard), allowing for MIDI messages mapping and filtering without being connected to a PC.*

3. USB-C connector

The C2MIDI Pro uses a USB-C connector for connecting to a computer to transmit MIDI data.

- When used with a computer, connect the USB-C connector of this interface to the USB-C port of the computer to start using it without installing any drivers. The computer's USB-C port can power the C2MIDI Pro. In different operating systems and versions, C2MIDI Pro may be displayed as a different class device name, such as "C2MIDI

Pro" or "USB audio device".

- When the C2MIDI Pro is used as a standalone smart MIDI cable to enable the MIDI mapper and filter functions, the USB-C connector can also be plugged into a standard USB charger or power bank for power.

Note 1*: Please choose a power bank with Low Current Charging mode (for Bluetooth earbuds or smart bracelets, etc.) and does not have an automatic power-saving function.*

Note 2*: If the connected MIDI device is capable of providing the required power to the C2MIDI Pro via the MIDI OUT port, there is no need to use a USB power supply.*

4. LED indicator

The C2MIDI Pro has a green LED indicator, which is used to indicate the working status of the MIDI port and power supply respectively. When the port has MIDI data being transmitted, the indicator will flash accordingly.

5. Presets Button

- C2MIDI PRO comes with 2 user presets. Each time the button is pressed in the power on state, the interface will switch to the next preset in a cyclic order. The LED flashes the same number of times corresponding to the preset number to indicate the currently selected preset. For example, if switched to Preset 2, the LED flashes twice.
- Also, when the power is on, press and hold the button for more than 5 seconds and then release it, and C2MIDI PRO will be reset to its factory default state.
- The free UxMIDI Tools software can also be used to toggle the button to send an "All Notes Off" message to all outputs for 16 MIDI

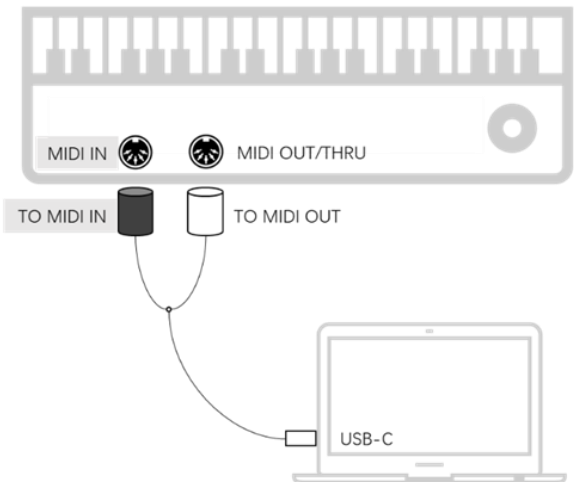
channels, eliminating unintentional hanging notes from external devices. Once this function has been set up, you can quickly click the button while the power is on.

6. USB-C connector slot

The back of the C2MIDI Pro interface box has a USB-C connector slot. When you use C2MIDI Pro as a standalone smart MIDI cable, you only need to connect the MIDI OUT and IN ports of two MIDI devices, without connecting to the computer USB port or USB power supply, and you can insert the USB-C connector into the slot for storage.

CONNECTION

- **Use C2MIDI Pro to connect an external MIDI device to your computer**

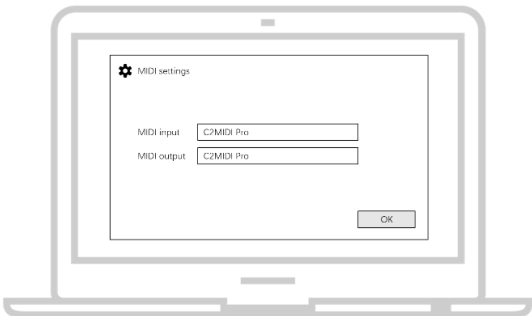


1. Connect the C2MIDI Pro to the USB-C port of your computer. If your computer does not have a USB-C port, you can purchase a separate adapter or USB hub.

2. Connect the [TO MIDI OUT ➔] white 5-pins DIN connector of the C2MIDI Pro to the MIDI OUT or THRU port of your MIDI device, and connect the [TO MIDI IN ➔] black 5-pins DIN connector of your C2MIDI Pro to the MIDI IN port of your MIDI device.

Note: *You can connect only one MIDI connector to the MIDI device according to actual needs.*

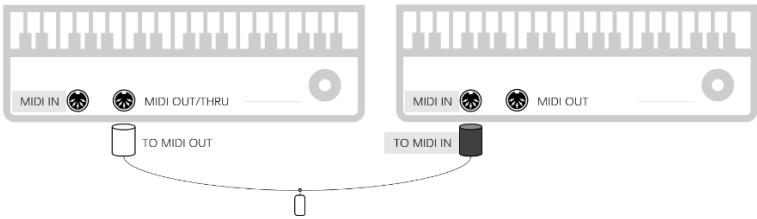
3. When the computer is powered on, the LED indicator of the C2MIDI Pro will light up and the computer will automatically detect the device. Open the music software on your computer, set the MIDI input and output ports to C2MIDI Pro on the MIDI settings page, and get started.



- **Connect C2MIDI Pro as a smart MIDI cable to two MIDI devices**

1. Connect the [TO MIDI OUT ➔] white 5-pins DIN connector of the C2MIDI Pro to the ➔MIDI OUT or THRU port of the first MIDI device, and connect the [TO MIDI IN ➔] black 5-pins DIN connector of your

C2MIDI Pro to the MIDI IN port of the second MIDI device.



2. If the first MIDI device is able to provide the required power to the C2MIDI Pro via the MIDI OUT or THRU port, the green LED on the C2MIDI Pro will light up and it will be ready to use.

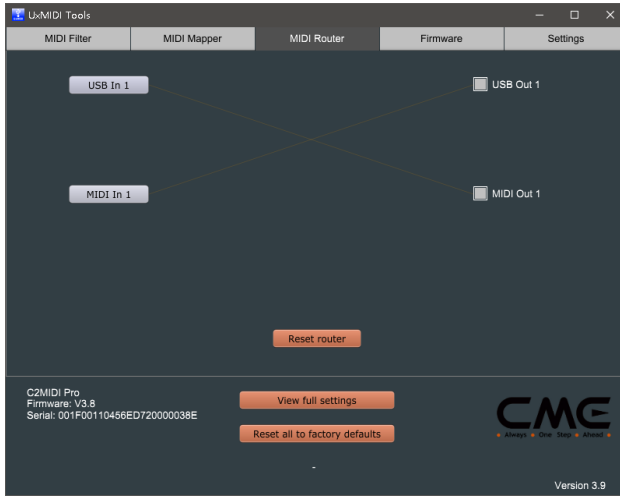
***Note**: Please connect the C2MIDI Pro to your computer via USB-C port and use the UxMIDI Tools software to set up custom MIDI mappers and filters.*

SOFTWARE SETTINGS

Please visit: www.cme-pro.com/support/ to download the free UxMIDI Tools software (compatible with macOS X, Windows 7 - 64bit or higher, iOS, Android) and the user manual. You can use it to upgrade the firmware of your C2MIDI PRO at any time to get the latest advanced features. At the same time, you can also perform a variety of flexible settings. All router, mapper and filter settings will be automatically saved to the internal memory of the device.

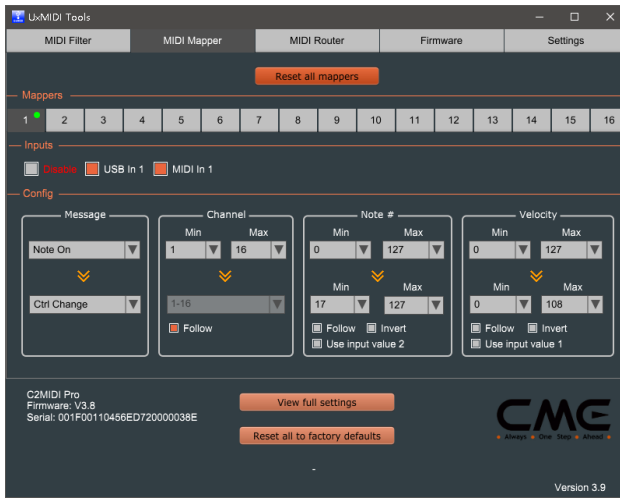
1. MIDI Router Settings

The MIDI router is used to view and change the signal flow of MIDI Messages in your C2MIDI PRO hardware.



2. MIDI Mapper Settings

The MIDI mapper is used to reassign (remap) the selected input data of the connected device so that it can be output according to custom rules that are defined by you.



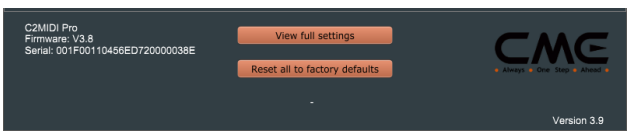
3. MIDI Filter settings

The MIDI filter is used to block certain types of MIDI messages in a selected input or output from passing through.

4. View full settings and Reset all to factory defaults

The View Full settings button is used to view the filter, mapper, and router settings for each port of the current device - in one convenient overview.

The Reset all to factory defaults button is used to reset all parameters of the unit to the default state when the product leaves the factory.



5. Firmware upgrade

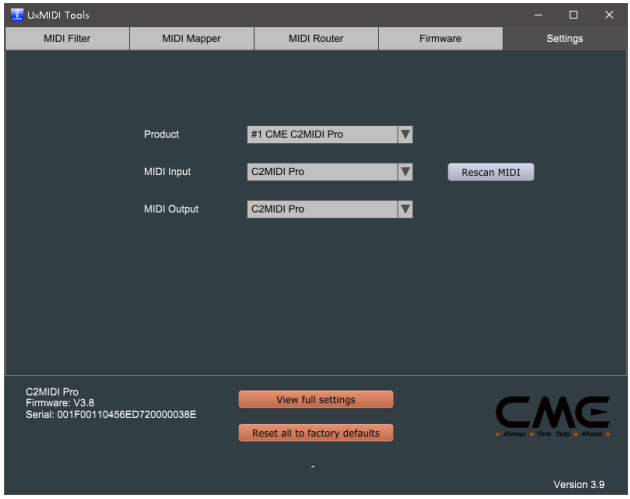
When your computer is connected to the internet, the software automatically detects whether the currently connected C2MIDI PRO hardware is running the latest firmware and requests an update if necessary. If the firmware cannot be updated automatically, you can manually update it on the Firmware page.

Note: *It is recommended to restart C2MIDI PRO every time after upgrading to a new firmware version.*

6. Settings

The Settings page is used to select the CME USB MIDI hardware device model and port to be set up and operated by the software. When a new device is connected to your computer, use the [Rescan MIDI] button to rescan the newly connected CME USB MIDI hardware device so that it appears in the drop-down boxes for Product and Ports. If you have multiple CME USB MIDI hardware devices connected at the same time, please select the product and port you want to set up here.

You can also enable remote switching of user presets via MIDI note, program change, or control change message in the Presets settings area.



SYSTEM REQUIREMENTS

Windows:

- Any PC with a USB port.
- Operating System: Windows XP (SP3) / Vista (SP1) / 7 / 8 / 10 / 11 or higher.

Mac OS:

- Any Apple Macintosh computer with a USB port.
- Operating System: Mac OS X 10.6 or later.

iOS:

- Any iPad, iPhone, iPod Touch series products. Requires separate purchase of Apple Camera Connection Kit or Lightning to USB Camera Adapter.
- Operating system: Apple iOS 5.1 or later.

Android:

- Any tablet and mobile phone. Requires separate purchase of USB OTG adapter cable.
- Operating System: Google Android 5 or higher.

SPECIFICATIONS:

Technology	USB client, compliant with USB MIDI Class (plug and play)
Connectors	1x USB-C (client)

	1x 5-pins DIN [TO MIDI OUT ➔] white connector 1x 5-pins DIN [TO MIDI IN ➔] black connector
LED Indicator	1 LED indicator
Button	1x button for presets and other functions
Compatible devices	Computers and USB MIDI host devices which supports USB MIDI plug-and-play Devices with standard MIDI sockets (including 5V and 3.3V compatibility)
Compatible OS	macOS, iOS, Windows, Android, Linux and Chrome OS
MIDI messages	All messages in the MIDI standard, including notes, controllers, clocks, sysex, MIDI timecode, MPE
Wired transmission	Close to Zero Latency and Zero Jitter
Power supply	USB-C socket, powered via standard 5V USB bus or charger MIDI OUT/Thru port with standard MIDI 5V or 3.3V power
Configuration & firmware upgrades	Configurable/Upgradable via USB-C port using UxMIDI Tool software (Win/Mac/iOS & Android tablets through USB cable)
Power consumption	116 mW
length	2 M / 6.56 ft
weight	89 g / 3.14 oz

Specifications subject to change without notice.

FAQ

- **The LED light of the C2MIDI Pro does not light up.**

- Please check whether the USB socket of the computer is powered, or the power adapter is powered.
- When using a USB power bank, please choose a power bank with Low Current Charging mode (for Bluetooth earbuds or smart bracelets, etc.) and does not have an automatic power-saving function.

- **The computer does not receive MIDI messages when playing a MIDI keyboard.**

- Please check if the C2MIDI PRO is correctly selected as the MIDI input device in your music software.
- Please check if the [TO MIDI OUT ➔] white 5-pins DIN connector is properly connected to the MIDI OUT port of a MIDI keyboard.
- Please check if you ever set up custom MIDI routing or filtering through the UxMIDI Tools software. You can try to press and hold the button for 5 seconds in the power-on state and then release it to reset the interface to the factory default state.

- **The external sound module is not responding to MIDI messages played by the computer.**

- Please check if the C2MIDI PRO is correctly selected as the MIDI output device in your music software.
- Please check if the [TO MIDI IN ➔] black 5-pins DIN connector is properly connected to the MIDI IN port of the external sound module.
- Please check if you ever set up custom MIDI routing or filtering through the UxMIDI Tools software. You can try to press and hold the

button for 5 seconds in the power-on state and then release it to reset the interface to the factory default state.

- **The sound module connected to the interface has long or disordered notes.**

- This problem is most likely caused by MIDI loopbacks. Please check if you have set up custom MIDI routing via the UxMIDI Tools software. You can try to press and hold the button for 5 seconds in the power-on state and then release it to reset the interface to the factory default state.

CONTACT

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Web page: www.cme-pro.com