

High-Speed USB MIDI HOST (UMH-20)

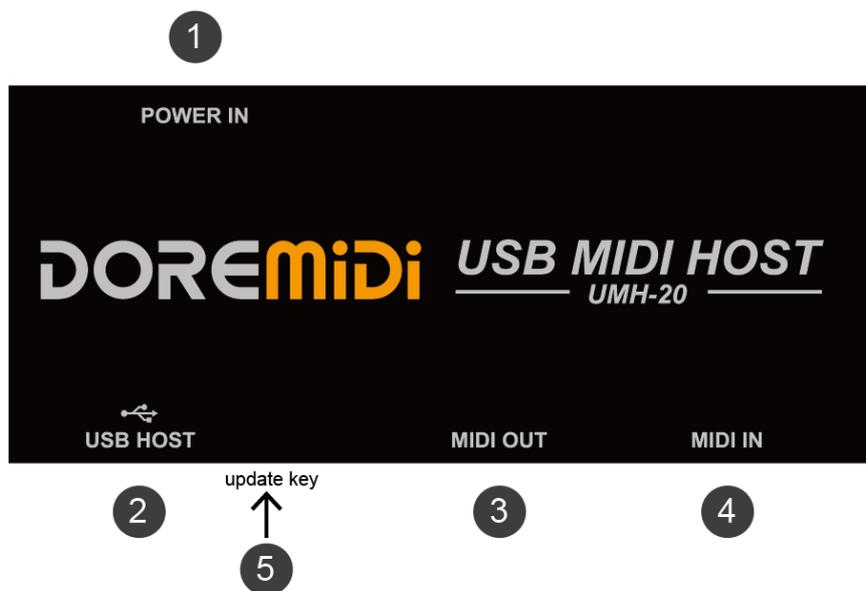


Instruction

1. Introduction

The high-speed USB MIDI HOST box (UMH-20) is a new generation of USB MIDI host box launched by DOREMiDi. This product has a standard high-speed USB2.0, which has the characteristics of strong compatibility, fast transmission rate and high stability. The product has a firmware upgrade function and is perfectly compatible with all devices with USB MIDI interfaces.

2. Appearance



- 1** POWER IN: Product power supply interface, use USB-B plug to power the product, power supply voltage 5VDC.
- 2** USB HOST: High-speed USB2.0 host interface, through the USB-A plug, connect to MIDI devices with USB MIDI device.
- 3** MIDI OUT: MIDI output interface, using a standard five-pin MIDI cable, connected to the input interface of the MIDI device.
- 4** MIDI IN: MIDI input interface, using a standard five-pin MIDI cable, connected to the output interface of the MIDI device.
- 1 2 3 4**: Work indicator for each interface.
- 5** Update Key: Support firmware upgrade, compatibility upgrade for special MIDI devices.

3. Steps for usage

- 1) Power supply: Use a 5V USB power supply to supply power to the product through the "POWER IN" USB-B port (note: this port has no data communication function).
- 2) Connect a USB MIDI instrument: Connect a USB MIDI instrument through the USB-A interface of "USB HOST". After the connection is successful, the indicator of "USB HOST" will light up.

- 3) Connect MIDI DIN instruments: The “MIDI OUT” of the product is connected to the “MIDI IN” of the instrument, and the “MIDI IN” of the product is connected to the “MIDI OUT” of the instrument. When the MIDI interface has MIDI message output/input, the indicator light of the MIDI interface will flash.
- 4) Product upgrade: If the product cannot be used on your instrument, please contact customer service to upgrade the firmware.

4. Connection



5. Product Parameters

Name	Description
Model	UMH-20
Size (L x W x H)	115*53*33mm
Weight	150g
USB HOST Communication Rate	480Mbps(60MB/s)
USB HOST Version	Standard high-speed USB MIDI HOST interface (USB2.0)
USB HOST Compatibility	Compatible with all USB MIDI devices USB2.0/USB1.0/USB1.1
MIDI Interface	High-performance FTP processing with one input and one output 16-channel MIDI interface, Built-in high-speed Isolator
MIDI Compatibility	Compatible with all musical instruments with MIDI standard interface
Power In Interface	Powered by USB-B interface, 5VDC
Indicator Light	Product power indicator, USB working indicator, MIDI output/output indicator
Firmware Upgrade	Support firmware upgrade

6. Precautions

- 1) This product contains a circuit board.
- 2) Rain or immersion in water will cause the product to malfunction.
- 3) Do not heat, press, or damage internal components.
- 4) Non-professional maintenance personnel shall not disassemble the product.
- 5) If the product is disassembled or damaged by improper use, the warranty is not available.

7. Questions & Answers

- 1) Question: Can the USB HOST interface provide power to USB MIDI instruments?
Answers: It can be powered, but pay attention to whether the power input of "POWER IN" can meet the working requirements of USB MIDI instruments.
- 2) Question: USB HOST interface does not work.
Answers: Please follow the steps below:
 - Make sure that the power indicator of "POWER IN" is on.
 - Make sure that the instrument can work normally and the instrument's USB interface is equipped with MIDI functions (for example, the connection can recognize MIDI devices).
 - Try to supply power to the product through "POWER IN" first, and then connect to the instrument through "USB HOST", and see if the indicator light of "USB HOST" lights up.
 - If the "USB HOST" indicator still does not light up, or MIDI messages cannot be transmitted after it's on, please contact customer service to solve it.
- 3) Question: The MIDI OUT/IN connector does not work.
Answers: Please follow the steps below:
 - Make sure that the "MIDI OUT" of the product is connected to the "MIDI IN" of the instrument, and the "MIDI IN" of the product is connected to the "MIDI OUT" of the instrument.
 - When the MIDI interface has MIDI message output/input, the indicator light of the MIDI interface will flash.
 - If the indicator light of the MIDI interface does not flash, please contact customer service to solve it.

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