Manuals+ — User Manuals Simplified.

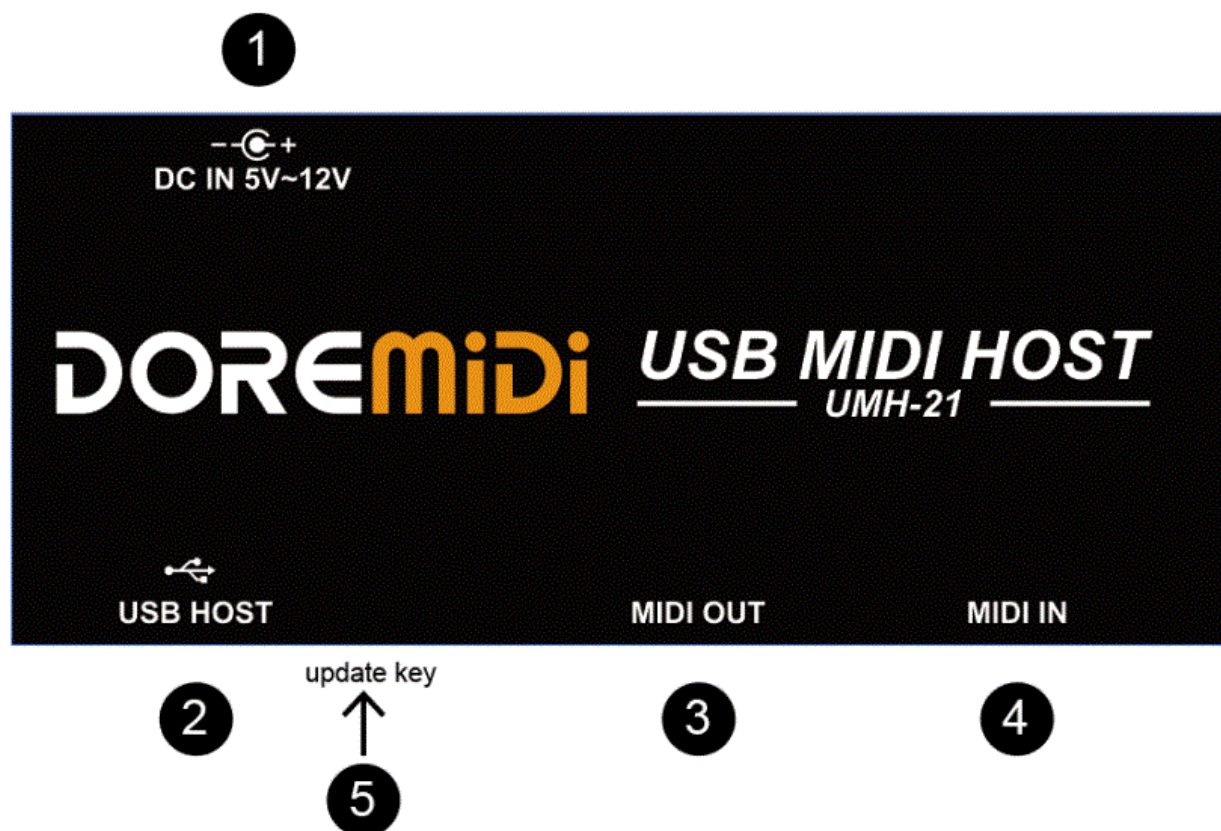# DOREMiDi UMH-21 High-Speed USB MIDI Host Instructions

Contents

DOREMiDi UMH-21 High-Speed USB MIDI Host

Introduction

High-speed USB MIDI HOST box (UMH-21) is a new generation of USB MIDI host box launched by DOREMiDi. This product has 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 a USB MIDI interface. The USB HOST interface of UMH-21 supports connecting to a USB hub in the future, and expands to connect more USB MIDI devices. Please follow the official news.

Appearance

1. DC IN: Product power supply interface, use DC plug to supply power to the product, power supply voltage 5V~12V. (Center-positive power supply)
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.
   Work indicator for each interface.
5. Update Key: Support firmware upgrade, compatibility upgrade for special MIDI devices.
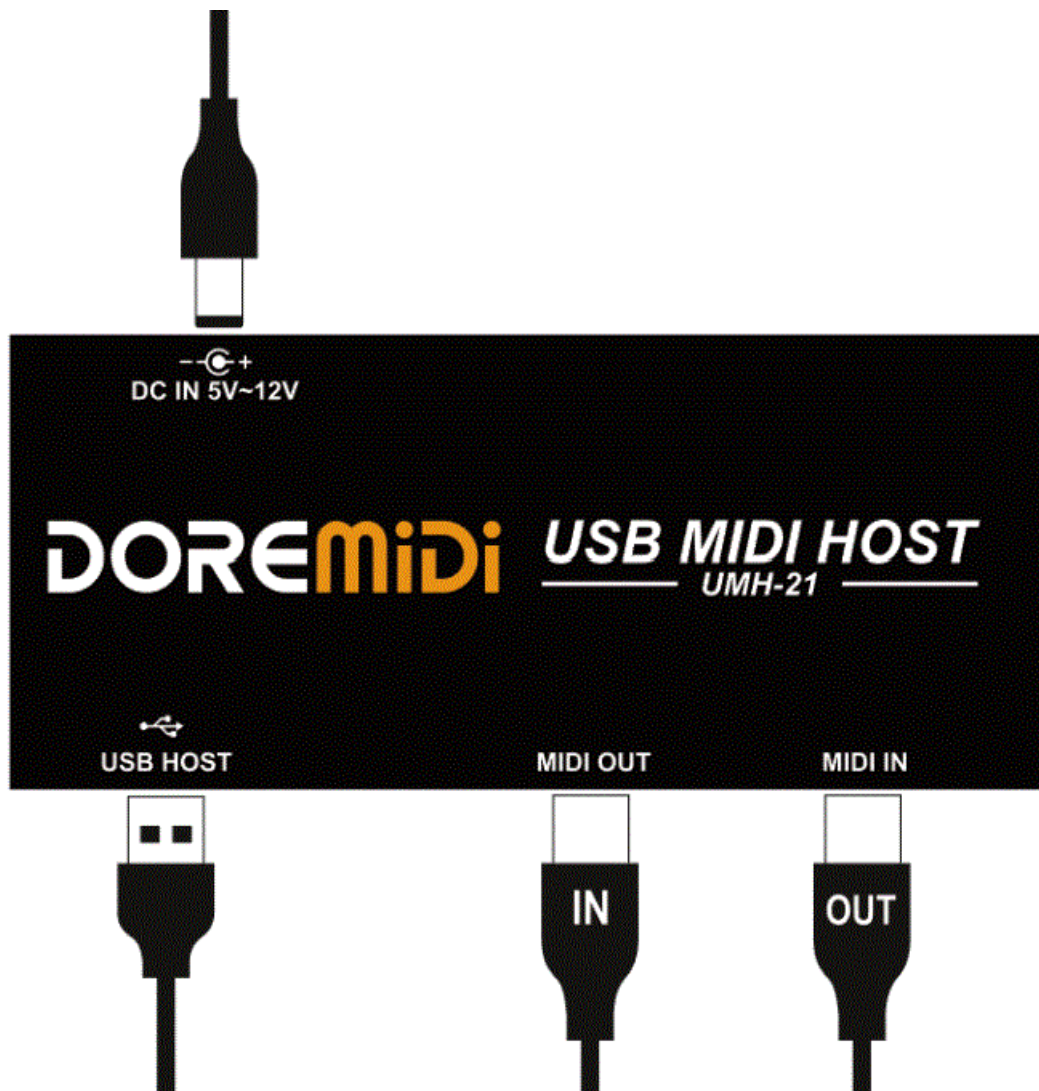
Steps for usage

1. Power supply: Use a 5V~12V DC power supply to supply power to the product through the "DC IN", and the indicator lights up after power is supplied.
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.

Connection

Product Parameters

Name	Description
Model	UMH-21
Size (L x W x H)	115*53*33mm
Weight	150g
Power Consumption	50mA@5V
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
USB HOST Power Output	Provides a power supply of up to 5V/2A
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
DC In Interface	Powered by DC interface, 5V~12VDC
Indicator Light	Product power indicator, USB working indicator, MIDI output/output indicator
Firmware Upgrade	Support firmware upgrade

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.

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 "DC 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 "DC 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 "DC 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.

Documents / Resources

	DOREMiDi UMH-21 High-Speed USB MIDI Host [pdf] Instructions UMH-21, High-Speed USB MIDI Host, UMH-21 High-Speed USB MIDI Host
	DOREMiDi UMH-21 High-Speed USB MIDI Host [pdf] Instructions UMH-21 High-Speed USB MIDI Host, UMH-21, High-Speed USB MIDI Host, Speed USB MIDI Host, USB MIDI Host, MIDI Host, Host