

USB to Bluetooth MIDI Adapter Pro UTB-21 Pro

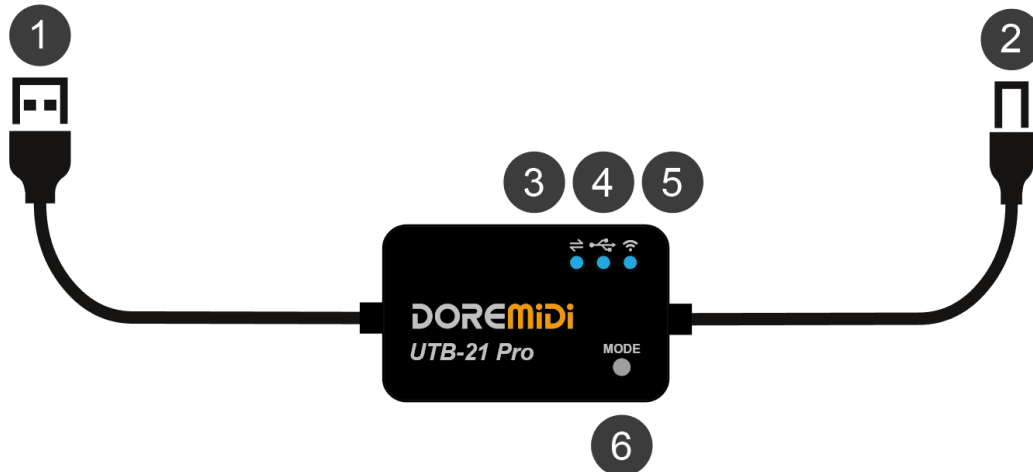


Instructions

1. Introduction

USB to Bluetooth MIDI adapter (UTB-21 Pro) has the function of converting the USB port of USB MIDI devices into Bluetooth MIDI, so that devices with USB MIDI interfaces can connect to mobile phones or computers through Bluetooth MIDI. UTB-21 Pro can be switched to Bluetooth host mode and connected to other DOREMiDi Bluetooth MIDI products. This product is compatible with commonly used APP software on the market. This product is compatible with Windows, Mac, iOS, Android and other systems.

2. Appearance



- 1 USB-A Plug: Power the product by connecting a 5V USB adapter.
- 2 USB-B Plug: USB TO HOST interface for connecting USB MIDI device.
- 3 Working Indicator: Flashing to indicate that the USB MIDI device has data communication.
- 4 USB Indicator: After successfully connecting to a USB MIDI device, the Indicator will light up.
- 5 Bluetooth indicator: Flashing means Bluetooth is not connected, solid light means Bluetooth connection is successful. Blue indicates slave mode, red indicates host mode.
- 6 MODE Button: Double click to switch host/slave mode. Slave mode is used to connect to computer software, and host mode can be used to connect DOREMiDi and other Bluetooth MIDI slave devices.

3. Product Parameters

Name	Description
Model	UTB-21 Pro
Length	2 meters
Weight	110g
USB-A Plug	Power supply, use 5V adapter to power the product
USB-B Plug	Standard USB MIDI HOST interface, connect to the USB TO HOST interface of musical instruments
Indicator Light	Data communication indicator, USB indicator, Bluetooth indicator
Bluetooth version	Bluetooth Low Energy 5.2
Compatible System	Windows, Mac, iOS, Android

USB MIDI Instrument Compatible Models	(Please check the latest compatibility table: http://www.doremidi.cn/h-pd-25.html)
App compatible	GarageBand, SimplyPiano and other apps with Bluetooth MIDI

4. Steps for usage

1. Power supply

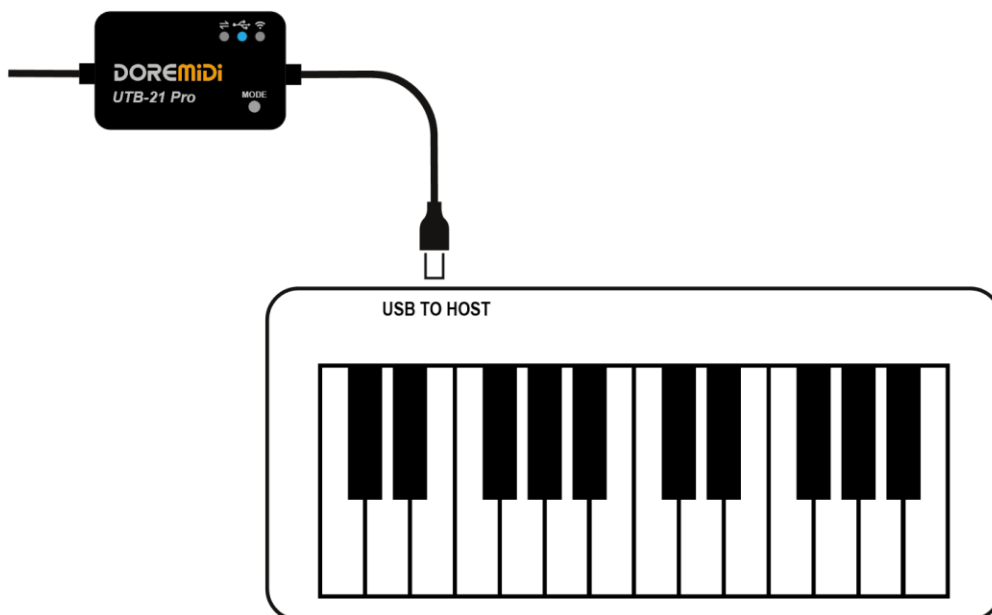
Use a 5V USB adapter to power the product through USB-A. The bluetooth indicator light will flash when powered on.



2. Connect a USB MIDI device

Connect a USB MIDI device through the USB-B interface. After the connection is successful, the USB indicator will light up.

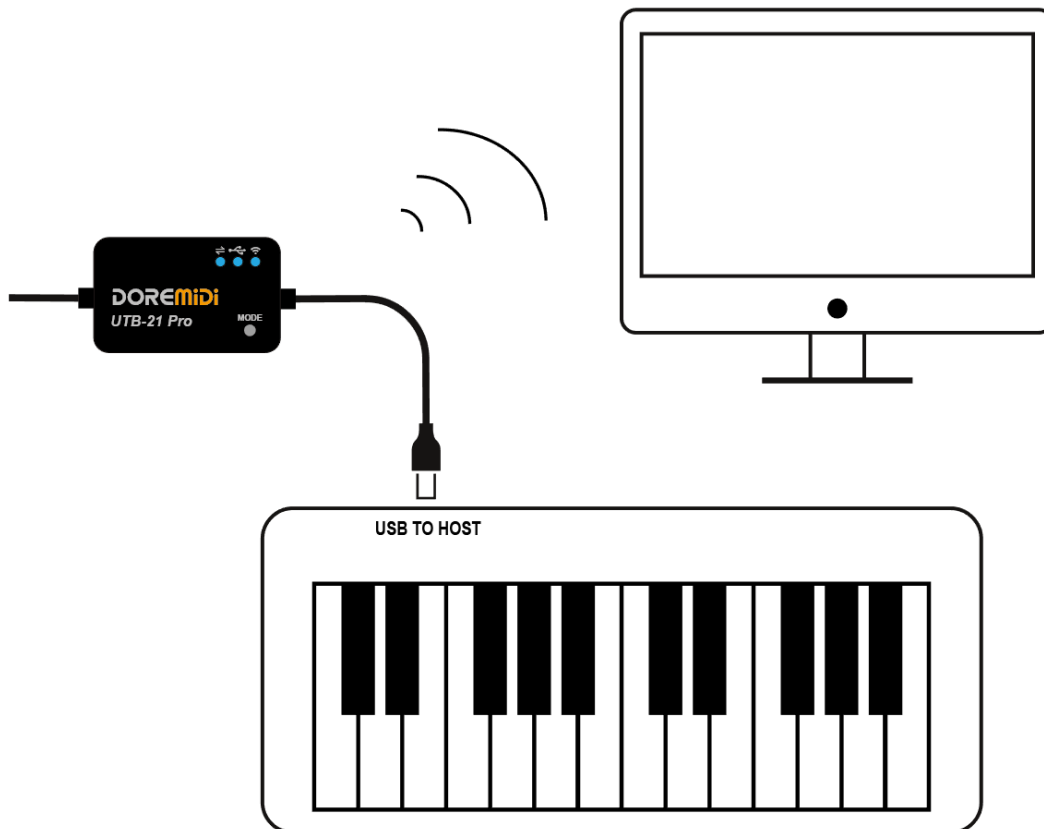
(Note: ① The USB port of a USB MIDI device is usually marked USB to HOST or USB Device. ② The USB MIDI device can be powered through the USB-B port, but you need to ensure that the power of the 5V adapter can meet the work of the USB MIDI device.)





3. Bluetooth MIDI connection

UTB-21 Pro supports connecting to computers (MacOS/Windows), mobile devices (iPhone/iPad/Android), and DOREMiDi Bluetooth MIDI devices via Bluetooth MIDI.

3.1. Connect USB MIDI device to computer(MacOS/Windows)

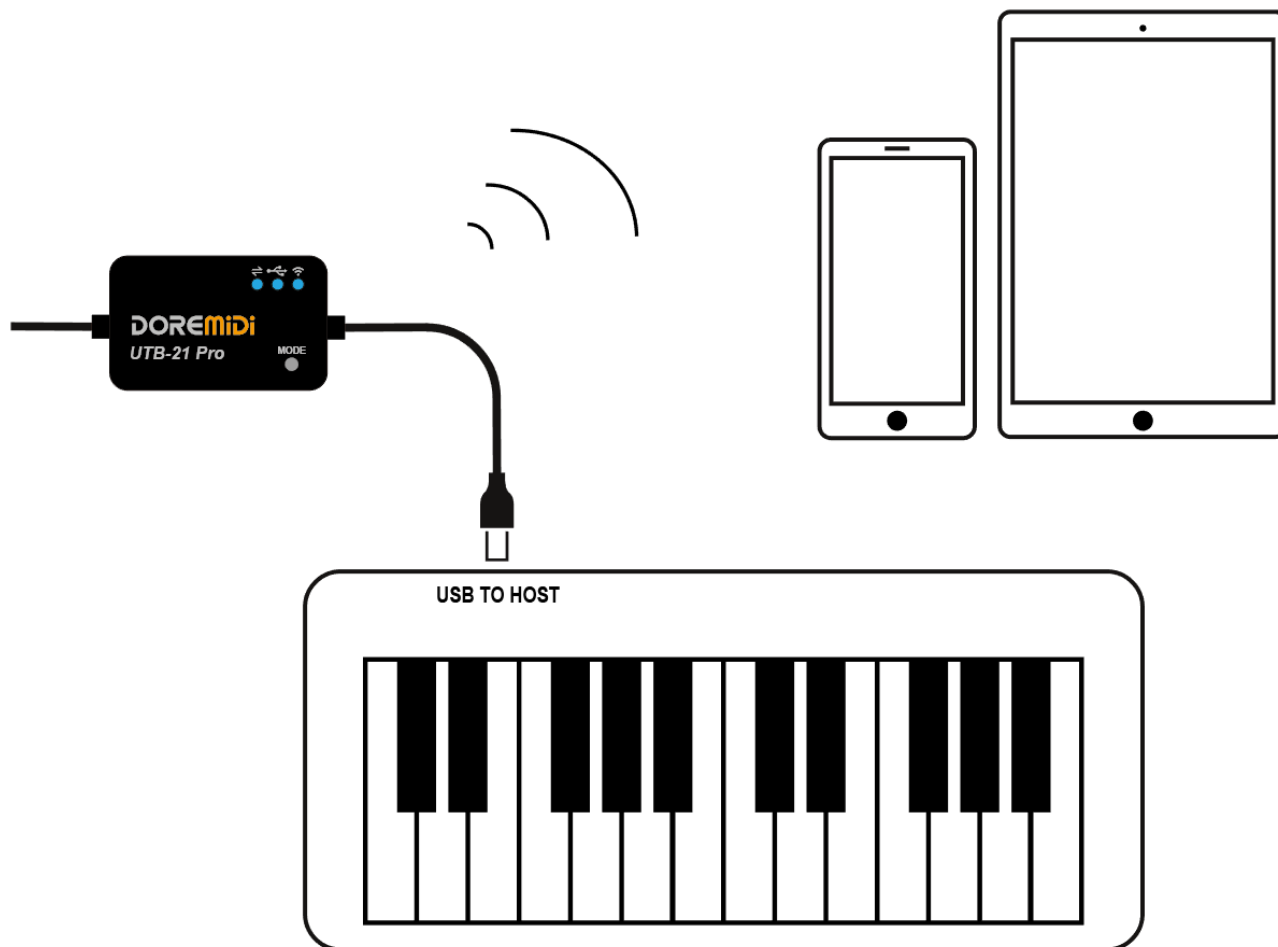


- Bluetooth MIDI connection for MacOS
 - a) In the Audio MIDI Setup app  on your Mac, choose Window > Show MIDI Studio.
 - b) In the MIDI Studio window, click the Configure Bluetooth button  in the toolbar.
 - c) Set your Bluetooth MIDI peripheral in pairing mode.
 - d) Select the peripheral in the list of devices, then click Connect.
- Bluetooth MIDI connection for Windows
 - a) Connect the DOREMiDi Bluetooth device in the computer settings.
 - b) Create a virtual MIDI port using "loopMIDI".
 - c) use the "MIDIberry" configuration to route DOREMiDi Bluetooth to the virtual MIDI port.
 - d) Open the DWA software and select the virtual MIDI port.

MIDIberry download: <https://www.microsoft.com/en-us/store/p/midiberry/9n39720h2m05>

LoopMIDI download: <https://www.tobias-erichsen.de/software/loopmidi.html>

(Note: Please use computers with Windows 10 and above.)

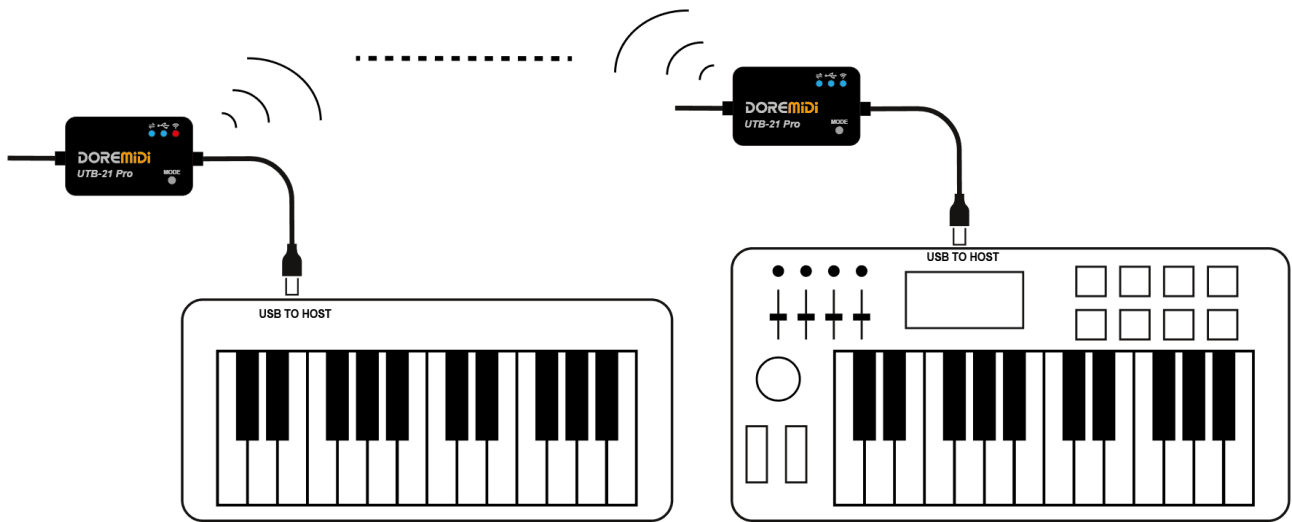


- a) Turn on the Bluetooth function of your mobile device.
- b) Open the APP with Bluetooth MIDI function.
- c) Find the Bluetooth MIDI connection option in the APP settings, and click to connect to the DOREMiDi device.

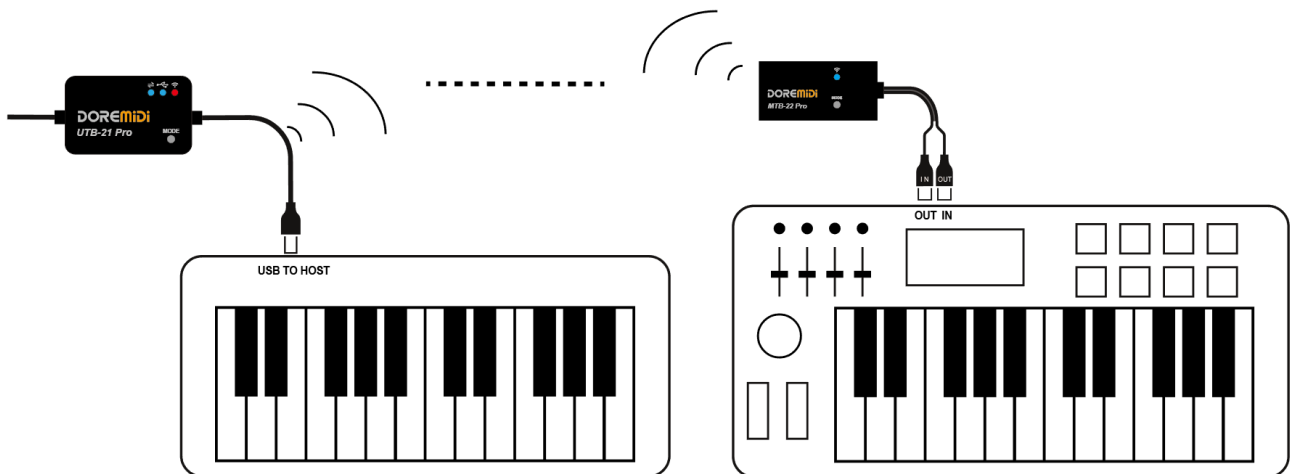
(Note: ① Please do not connect Bluetooth MIDI devices in the mobile phone system. ② The Bluetooth MIDI connection locations of different APPs may be different. In addition, some APPs have restrictions on the connection of Bluetooth MIDI devices other than their own brands. Please check your APP instructions for use.)

3.3. Connect 2 MIDI devices via Bluetooth MIDI

UTB-21 Pro supports connecting to other DOREMiDi Bluetooth devices, which can be used to connect two MIDI devices via Bluetooth MIDI.



(Connection of 2 x UTB-21 Pro)



(Connection of UTB-21 Pro and MTB-22 Pro)

- When Bluetooth MIDI is not connected, press and hold one of the Bluetooth MIDI "MODE" buttons for 3 seconds.
- The Bluetooth indicator light turns red, indicating that it has entered host mode.
- The host device will connect to the nearest Bluetooth MIDI slave device, and the Bluetooth indicator light will stay on after the connection is successful.

(Note: ① It is not guaranteed that other brands of Bluetooth MIDI can be used with the DOREMiDi Bluetooth host. ② Please switch the Bluetooth host/slave mode when the Bluetooth is not connected.)

5. Precautions

1. This product contains a circuit board.
2. Rain or immersion in water may cause the product to malfunction.
3. Do not heat, press, or damage internal components.
4. Non-professional maintenance personnel are not allowed to disassemble the product.
5. The working voltage of the product is 5VDC, using a voltage lower or exceeding this voltage may cause the product to fail to work or be damaged.

6. Q&A

Question: Can the USB-B interface provide power to USB MIDI device?

Answer: You can supply power, but pay attention to whether the power input power of the USB adapter can meet the working requirements of the USB MIDI device.

Question: The USB-B interface does not work.

Answer: Please follow the steps below:

- Ensure that the power supply is normal, and the indicator light flashes after the product is powered on.
- Confirm that the instrument can work normally and the instrument's USB interface is equipped with MIDI function (for example, it can be recognized by the computer to recognize the MIDI device).
- Try to supply power to the product through USB-A first, and then connect to the instrument through USB-B, and see if the USB indicator light will light up.
- If the USB indicator is still off, or MIDI messages cannot be transmitted after it is on, please contact customer service to solve it.

Question: Regarding the question of how to connect Bluetooth MIDI software.

Answer: Please check the instructions for your software, or refer to "DOREMiDi Bluetooth MIDI Connection Tutorial.pdf". Link: <http://www.doremidi.cn/h-pd-25.html>

If the problem is not resolved, please contact customer service.

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