DOREMiDi MTC-10 Midi Time Code And Smpte Ltc Time Code Conversion Device Instructions

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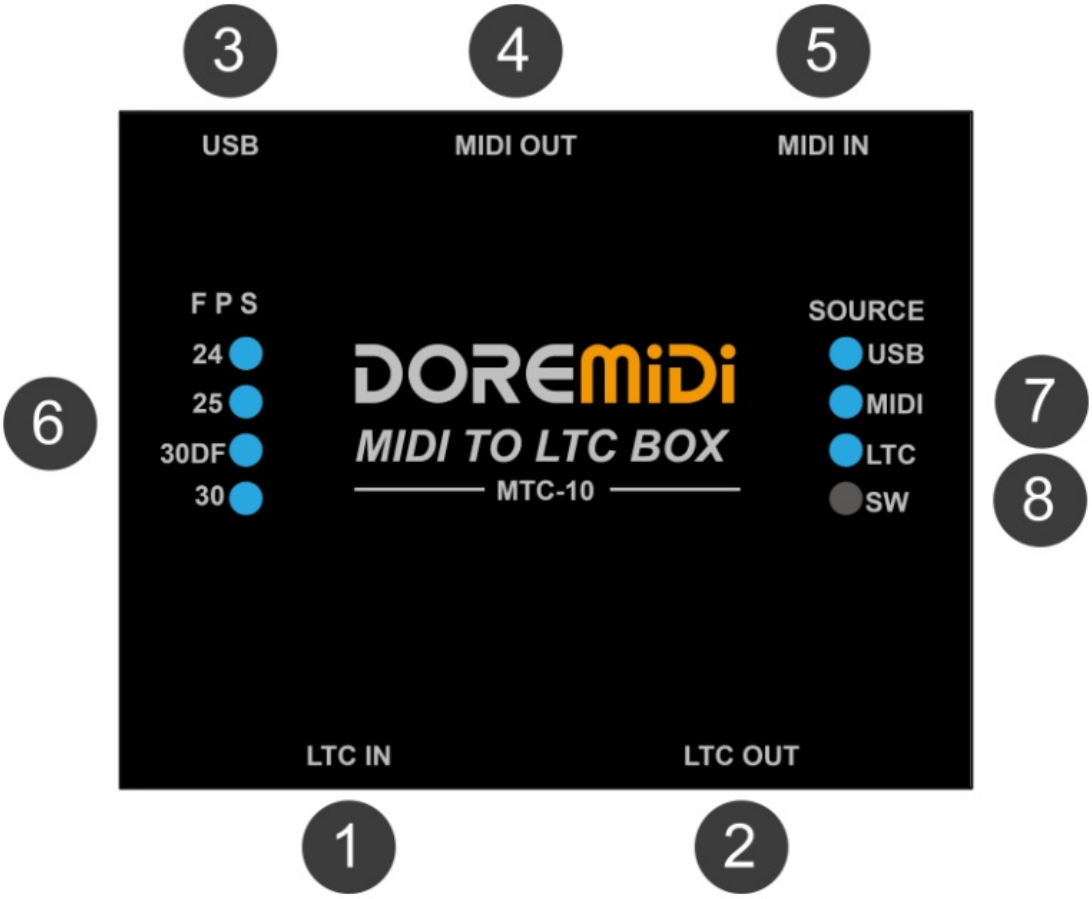
Contents

Introduction

The MIDI to LTC box (MTC-10) is a MIDI time code and SMPTE LTC time code conversion device designed by

DOREMiDi, which is used to synchronize the time of MIDI audio and lighting. This product has a standard USB MIDI interface, MIDI DIN interface and LTC interface, which can be used for time code synchronization between computers, MIDI devices and LTC devices.

Appearance



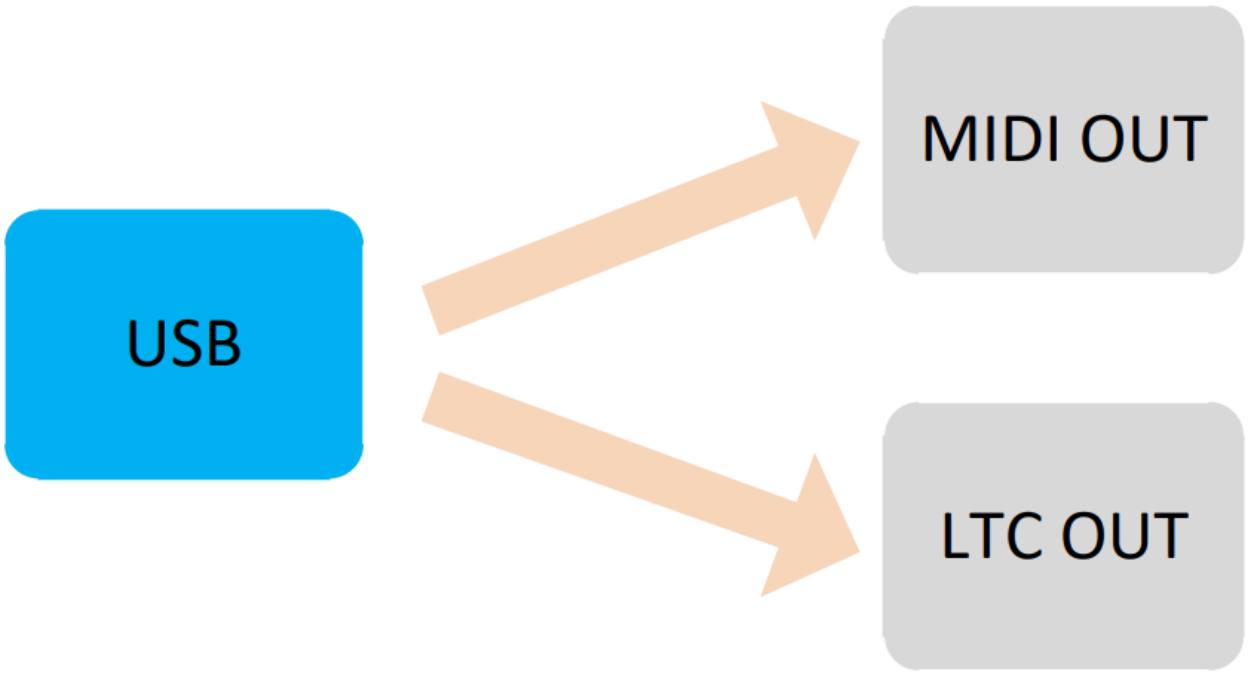
1. **LTC IN:** Standard 3Pin XLR interface, through the 3Pin XLR cable, connect the device with LTC output.
2. **LTC OUT:** Standard 3Pin XLR interface, through the 3Pin XLR cable, connect the device with LTC input.
3. **USB:** USB-B interface, with USB MIDI function, connected to a computer, or connected to an external 5VDC power supply.
4. **MIDI OUT:** Standard MIDI DIN five-pin output interface, output MIDI time code.
5. **MIDI IN:** Standard MIDI DIN five-pin input port, input MIDI time code.
6. **FPS:** Used to indicate the current number of frames transmitted per second. There are four frame formats: 24, 25, 30DF, and 30.
7. **SOURCE:** Used to indicate the input source of the current time code. The input source of the time code can be USB, MIDI or LTC.
8. **SW:** Key switch, used to switch between different time code input sources.

Product Parameters

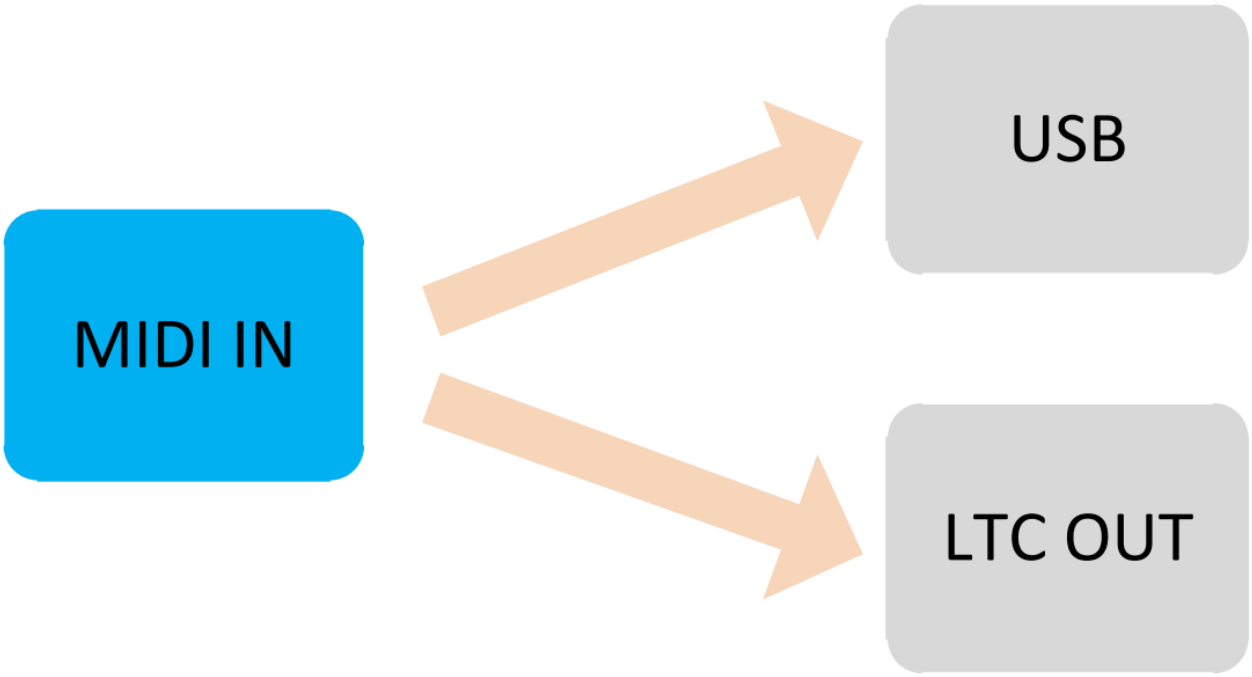
Name	Description
Model	MTC-10
Size (L x W x H)	88*70*38mm
Weight	160g
LTC Compatibility	Support 24, 25, 30DF, 30 time frame format
USB Compatibility	Compatible with Windows, Mac, iOS, Android and other systems, plug and play, no dr iver installation required
MIDI Compatibility	Compatible with all MIDI devices with MIDI standard interface
Operating Voltage	5VDC, supply power to the product through the USB-B interface
Working current	40~80mA
Firmware upgrade	Support firmware upgrade

Steps for usage

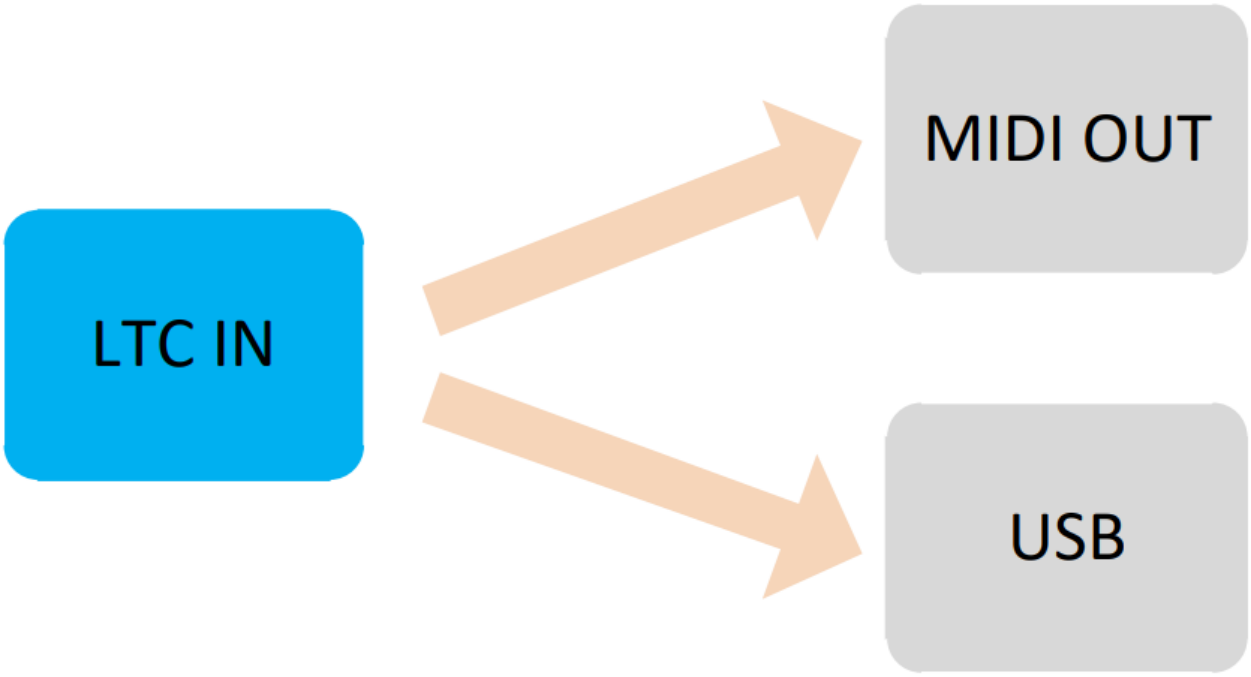
1. **Power supply:** Power MTC-10 through the USB-B interface with a voltage of 5VDC, and the power indicator will light up after the power is supplied.
2. **Connect to the computer:** Connect to the computer through the USB-B interface.
3. **Connect the MIDI device:** Use a standard 5-Pin MIDI cable to connect the MIDI OUT of the MTC-10 to the IN of the MIDI device, and the MIDI IN of the MTC-10 to the OUT of the MIDI device.
4. **Connect LTC devices:** Use standard 3-Pin XLR cable to connect LTC OUT of MTC-10 to LTC IN of LTC devices, and LTC IN of MTC-10 to LTC OUT of LTC devices.
5. **Configure the time code input source:** By clicking the SW button, switch between different time code input sources (USB, MIDI or LTC). After determining the input source, the other two types of interfaces will output time code. Therefore, there are 3 ways:
    - **USB input source:** time code is input from USB, MIDI OUT will output MIDI time code, LTC OUT will output LTC time code:



- **MIDI input source:** time code is input from MIDI IN, USB will output MIDI time code, LTC OUT will output LTC time code:



- **LTC input source:** time code is input from LTC IN, USB and MIDI OUT will output MIDI time code:



Note: After the input source is selected, the output interface of the corresponding source will not have time code output. For example, when LTC IN is selected as the input source, LTC OUT will not output time code.)

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.

Question: LTC time code cannot be converted to MIDI time code.

Answer: Please make sure that the format of the LTC time code is one of 24, 25, 30DF, and 30 frames; if it is of other types, time code errors or frame loss may occur.

Question: Can MTC-10 generate time code?

Answer: No, this product is only used for time code conversion and does not support time code generation at the moment. If there is a time code generation function in the future, it will be notified through the official website. Please follow the official notice

Question: USB cannot be connected to the computer

Answer: After confirming the connection, whether the indicator light flashes

Confirm whether the computer has a MIDI driver. Generally speaking, the computer comes with a MIDI driver. If you find that the computer does not have a MIDI driver, you need to install the MIDI driver. Installation method: **https://windowsreport.com/install-midi-drivers-pc /** If the problem is not resolved, please contact customer service

Support

Manufacturer: Shenzhen Huashi Technology Co., Ltd **Address:** Room 9A, 9th Floor, Kechuang Building, Quanzhi Science and Technology Innovation Park, Shajing Street, Baoan District, Shenzhen, Guangdong Province **Customer Service Email:** info@doremidi.cn

Documents / Resources

	DOREMiDi MTC-10 Midi Time Code And Smpte Ltc Time Code Conversion Device [pdf] Instructions MTC-10, Midi Time Code And Smpte Ltc Time Code Conversion Device, MTC-10 Midi Time Code And Smpte Ltc Time Code Conversion Device, Time Code And Smpte Ltc Time Code Conversion Device, Smpte Ltc Time Code Conversion Device, Time Code Conversion Device, Conversion Device, Device