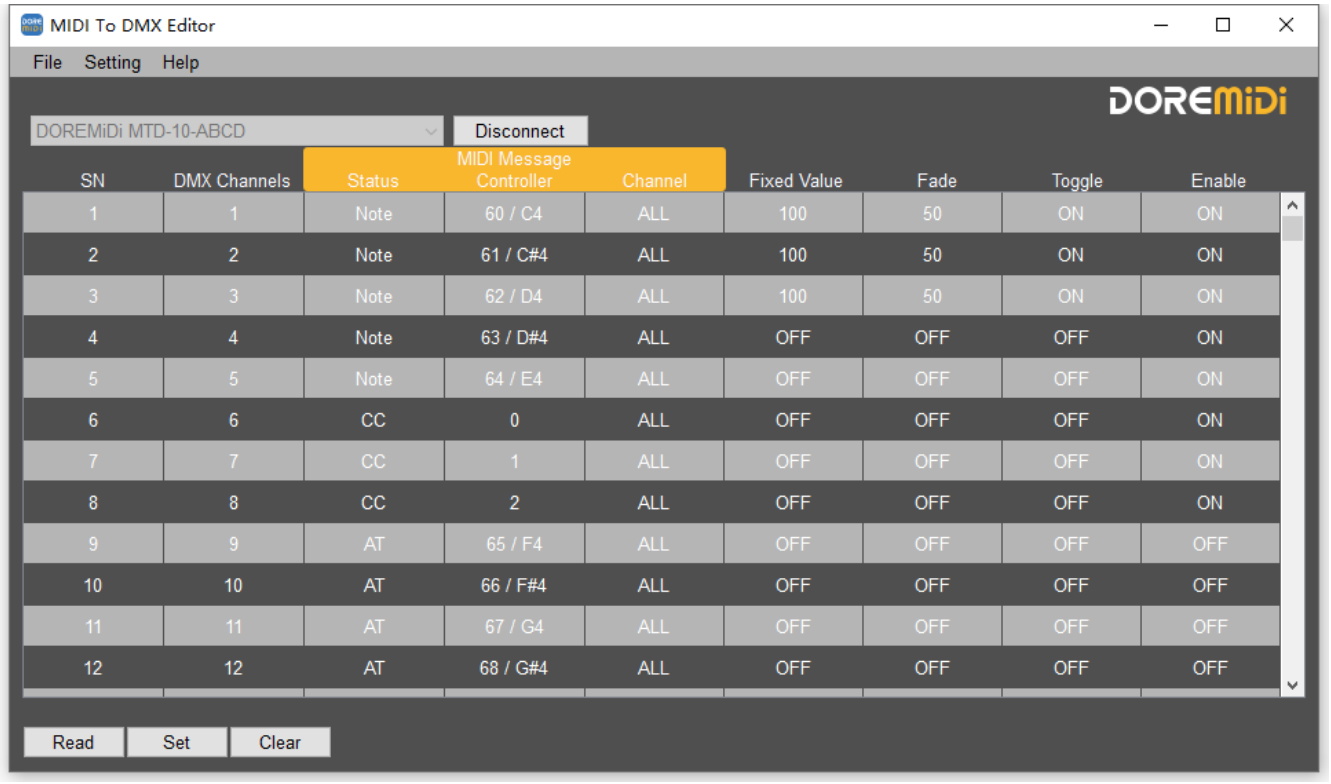
MIDI To DMX Editor User Guide



Current version: V2.0.0
Designed by DOREMiDi

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DOREMiDi

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Version	Date	Description
V2.0.0	2024/10/24	1. Add fade In function. 2. Add a note to indicate the conversion of each SN. 3. Add DMX channel aliases, which can be used to name the DMX channel.

1. Overview

In order to make it easier for users to edit MIDI to DMX, we designed the MIDI To DMX Editor software. This document is used to guide users in using the software, as well as problems and solutions encountered during the use of the software. The MIDI To DMX Editor software is used with DOREMiDi products, such as the MIDI to DMX box (MTD-1024), for MIDI to DMX programming. This document will use MTD-1024 for demonstration.

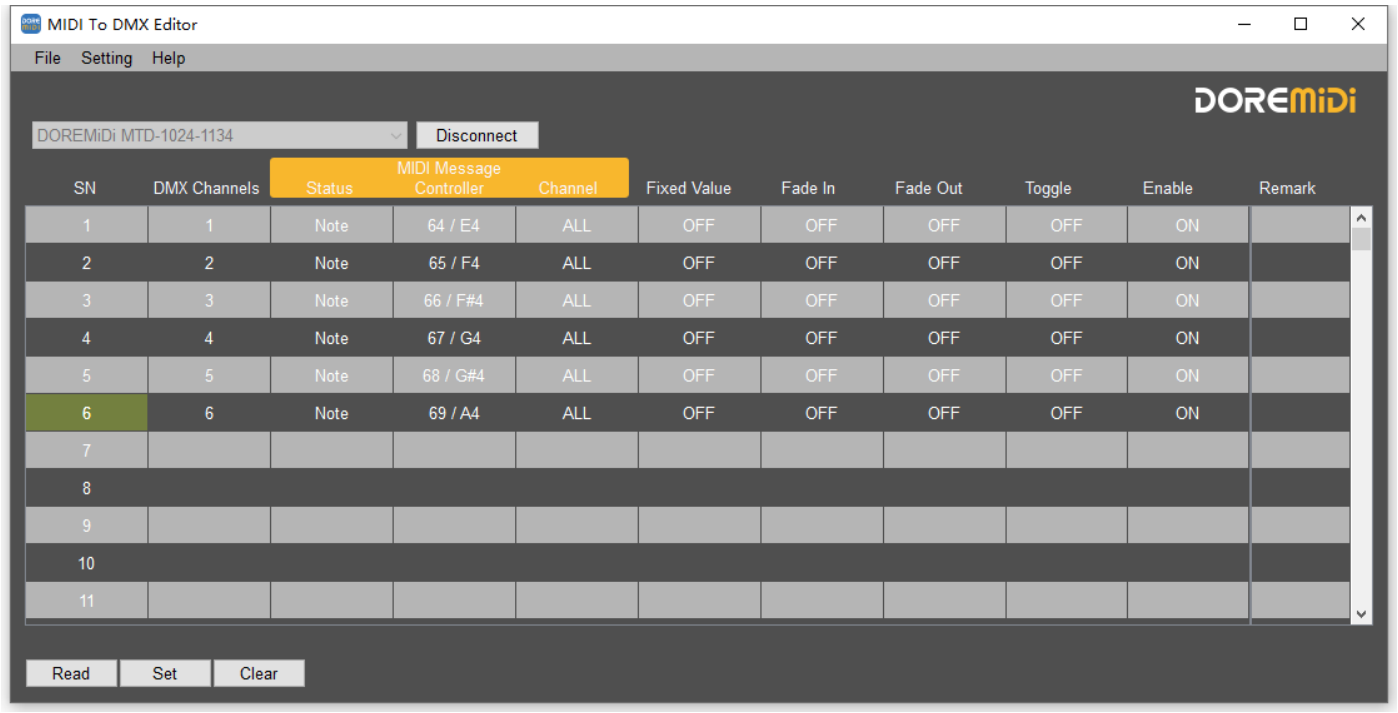
2. Install software

- Please go to DOREMiDi official website to download the software and install it: www.doremidi.cn
- Supported systems: Windows 7 and above, MacOS.

(Note: Please upgrade the MTD-1024 device firmware to V1.2.7 or above.)

3. Quick use

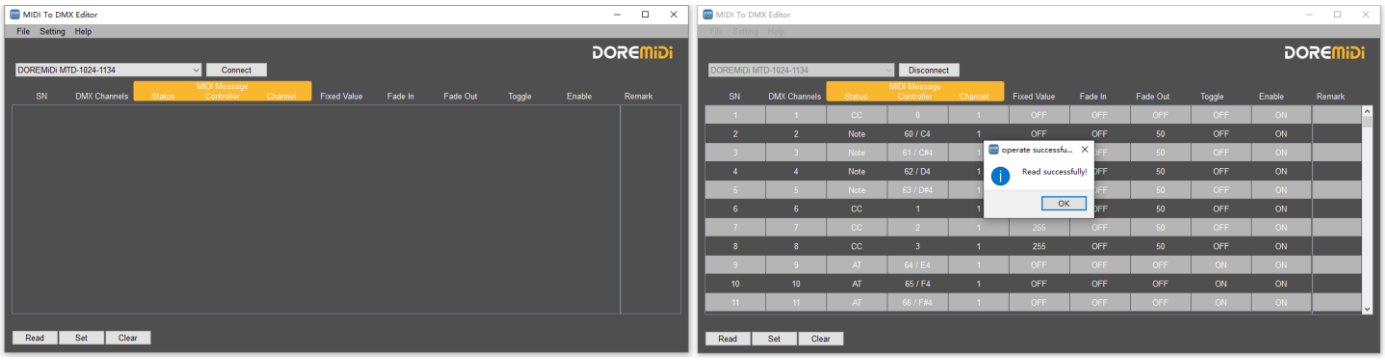
- Connect device (MTD-1024) to the computer → open the software, click "Connect" to connect the device and automatically obtain the current setting of the device → set MIDI to DMX parameters → click "Set" to set the device.
- Read: Click “Read” to read the setting parameters of the device.
- Set: Click “Set” to send the parameters to the device for setting.
- Clear: Click "Clear" to clear the software interface. **(Note: This operation will not clear the device setting.)**
- Use the left mouse button to select "SN" and pull down to select multiple rows, and the right mouse button can add/delete rows. Use the left mouse button to select a parameter and pull down to automatically add multiple parameters.



4. Detailed usage steps

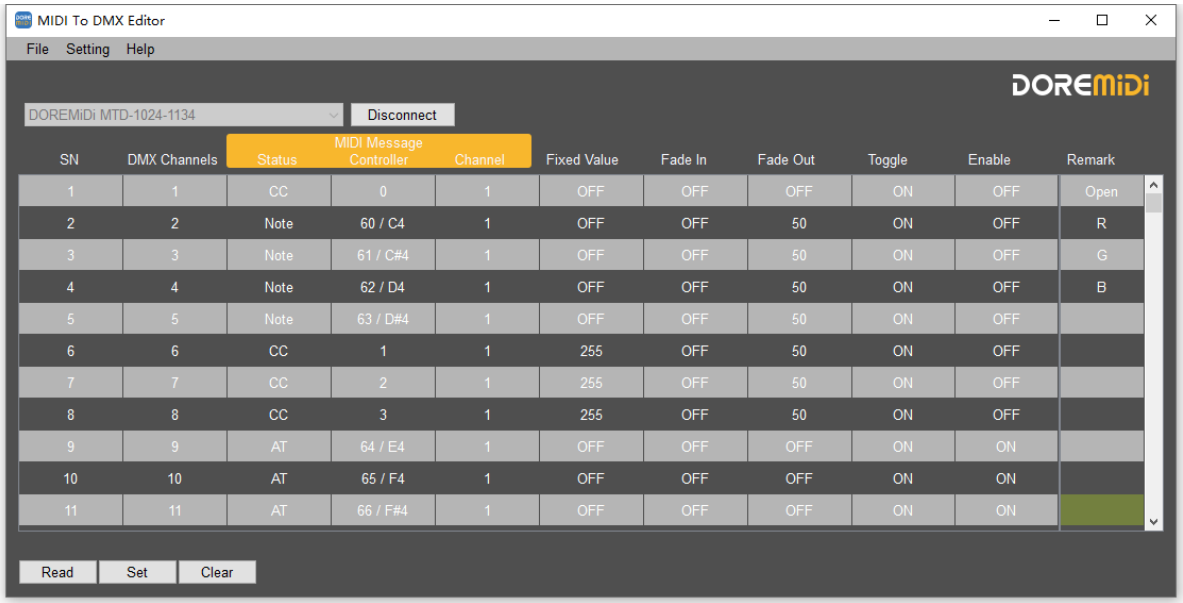
4.1. Connect the device

Connect the device to the computer and click "Connect" to connect the device to the software. After the connection is successful, the software will automatically read the device parameters.



4.2. Set MIDI to DMX parameters

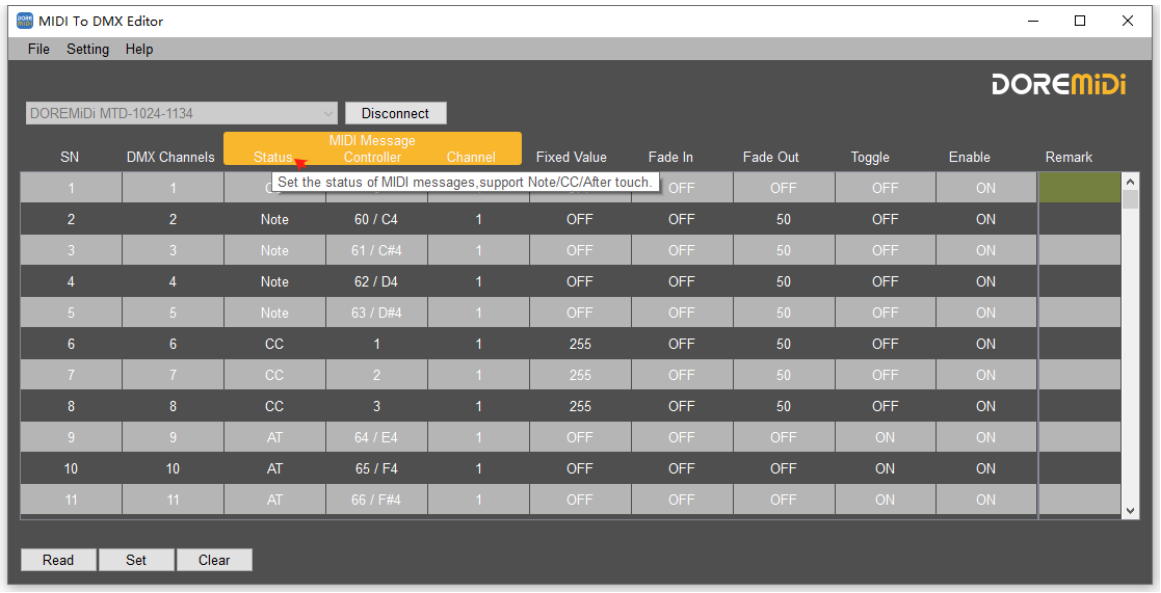
Through the software, you can set the MIDI to DMX parameters, as shown in the figure:



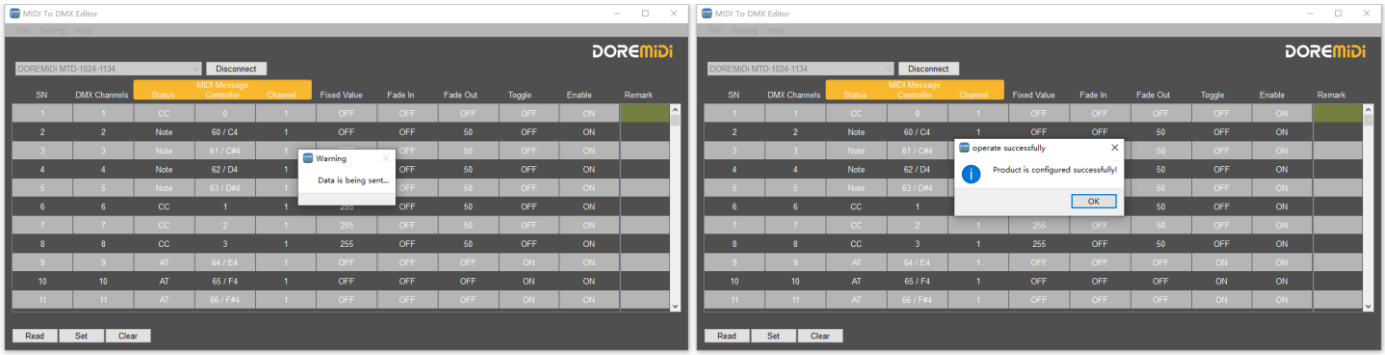
Parameter	Name	Description
SN	**Serial Number**	Display and set the parameters of the current serial number. SN range is based on the feedback of the device.
DMX Channels	**DMX Channel**	Set the DMX channel. Parameter range: 1~1024. DMX OUT1: 1~512 DMX OUT2: 513~1024.(The output is DMX channel 1~512)
Status	**MIDI Status**	Set MIDI status. Parameter range: Note/AT/CC. Note: MIDI note, DMX channel value = MIDI note velocity value * coefficient CC: MIDI continuous controller, DMX channel value = MIDI controller value * coefficient AT: MIDI after touch, DMX channel value = MIDI aftertouch value * coefficient. **(Note: The coefficient defaults to 2.01 and can be modified in Settings.)**

Controller	**MIDI Controller/ Note Number**	Set MIDI controller/note numbers. Parameter range: 0~127. When Status = Note/AT, Ctl is the note number. When Status = CC, Ctl is the controller number.
Channel	**MIDI Channel**	Set MIDI channels for MIDI messages. Parameter range: All, 1~16, default All. All: Means to respond to messages on all MIDI channels.
Fixed Value	**Fixed DMX Value**	Set the fixed output DMX value. When a MIDI message is received, DMX outputs a fixed value. Parameter range: 0~255; 0: Turn off fixed conversion. 1~255: Output DMX value;
Fade In	**DMX Fade In**	After the fade-in function is turned on, when the DMX channel output is turned on, the DMX value gradually increase. Parameter range: 0~50 0: Turn on gradient. 1~50: Set the fade-in speed. The larger the value, the faster the fade-in.
Fade Out	**DMX Fade Out**	After the fade-out function is turned on, when the DMX channel output is turned off, the DMX value gradually decreases to 0. Parameter range: 0~50 0: Turn off gradient. 1~50: Set the fade-out speed. The larger the value, the faster the fade-out.
Toggle	**DMX Toggle**	After turning on the toggle function, the DMX output will be turned on when the MIDI value is received for the first time, and the DMX output will be turned off when the MIDI value is received for the second time. 1: enable. 0: Disable enable.
Enable	**Enable switch**	Set to enable the parameters of this serial number (**SN**). 1: enable. 0: disable enable.
Remark	**SN Remark**	The user can add a name to the conversion parameter for this row. **(Note: The remarks will not be set to the product. If the device parameters are read or cleared, the remarks will be cleared.)**

You can also see the description of the parameter by hovering the mouse over it. As shown in the figure:

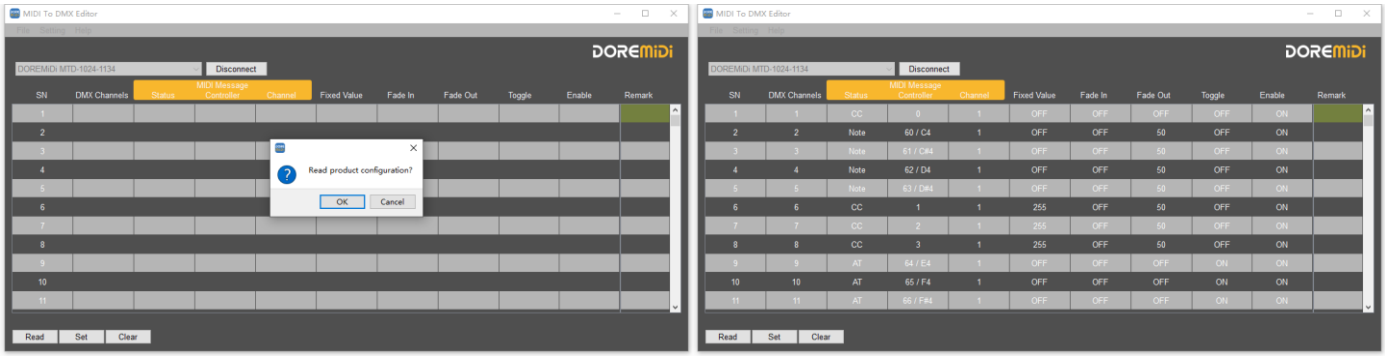


After setting the parameters, click "Set" to send the parameters to the device and wait for the setting to be completed. **(Note: Do not disconnect during data transmission.)**



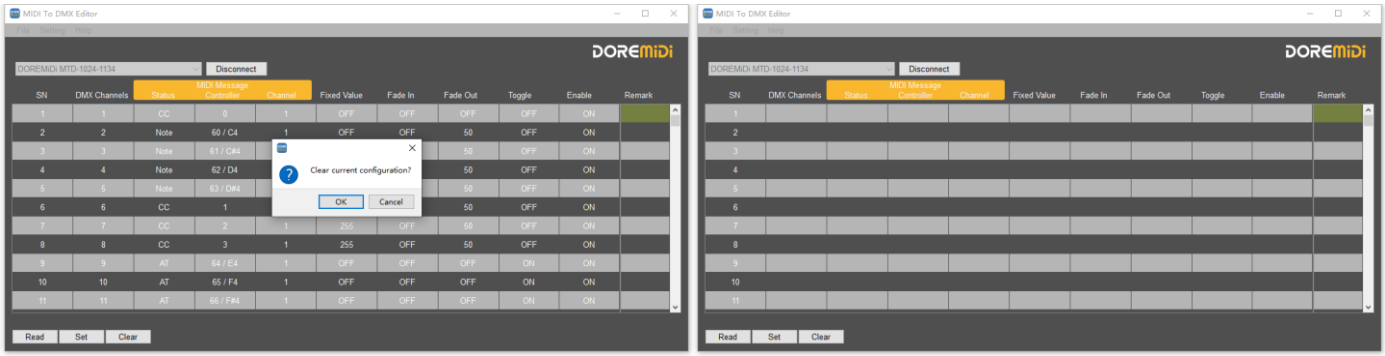
4.3. Read parameters

Click "Read" to read the device setting parameters into the software. **(Note: The read parameters will overwrite the current display of the software. If there are setting parameters, please save them in advance.)**



4.4. Clear parameters

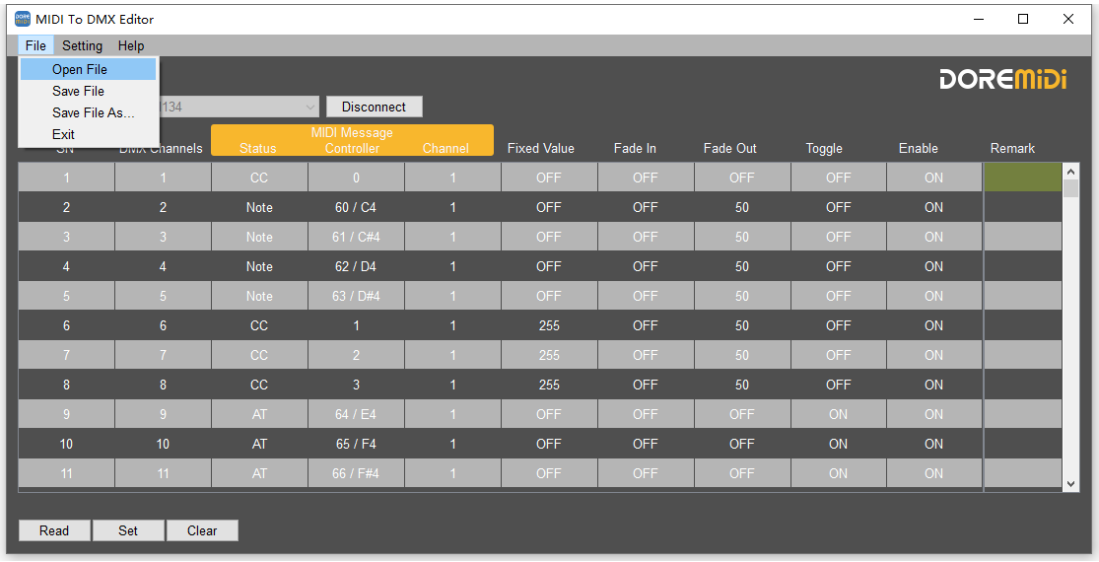
Click "Clear" to clear the current setting parameters of the software. **(Note: This operation will not clear the setting parameters of the device)**



4.5. Navigation Bar

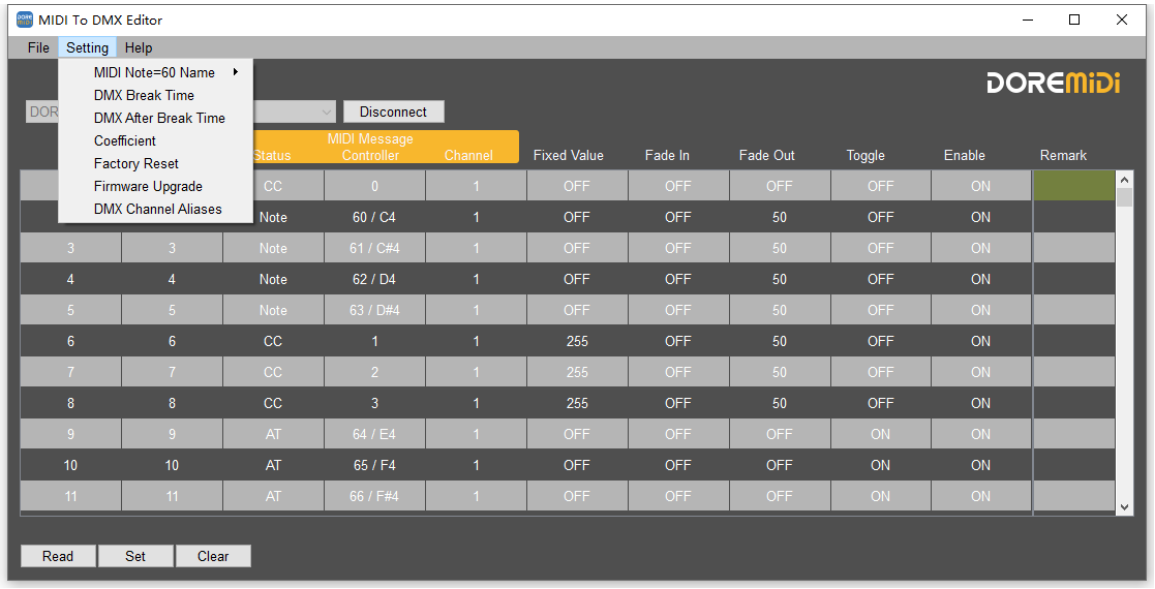
4.5.1. **File**

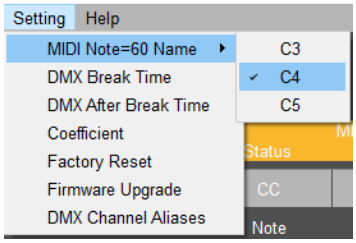
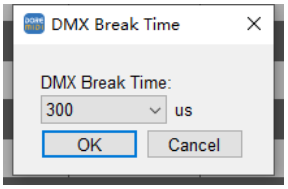
- Open File: Open the settings file.
- Save File: Save the current settings as a file.
- Save File As: Save the current file to another location or with a different name.
- Exit: Exit the software.

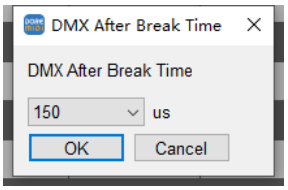
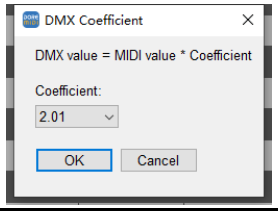
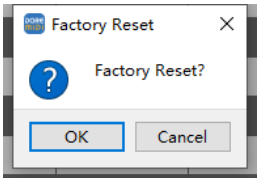
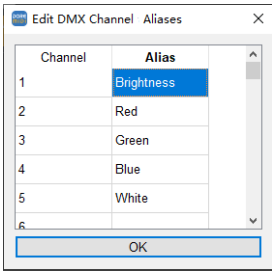


4.5.2. **Setting**

In the settings interface, you can set MIDI note display name, DMX Break time/After break time), conversion coefficient, factory reset, and firmware upgrade.



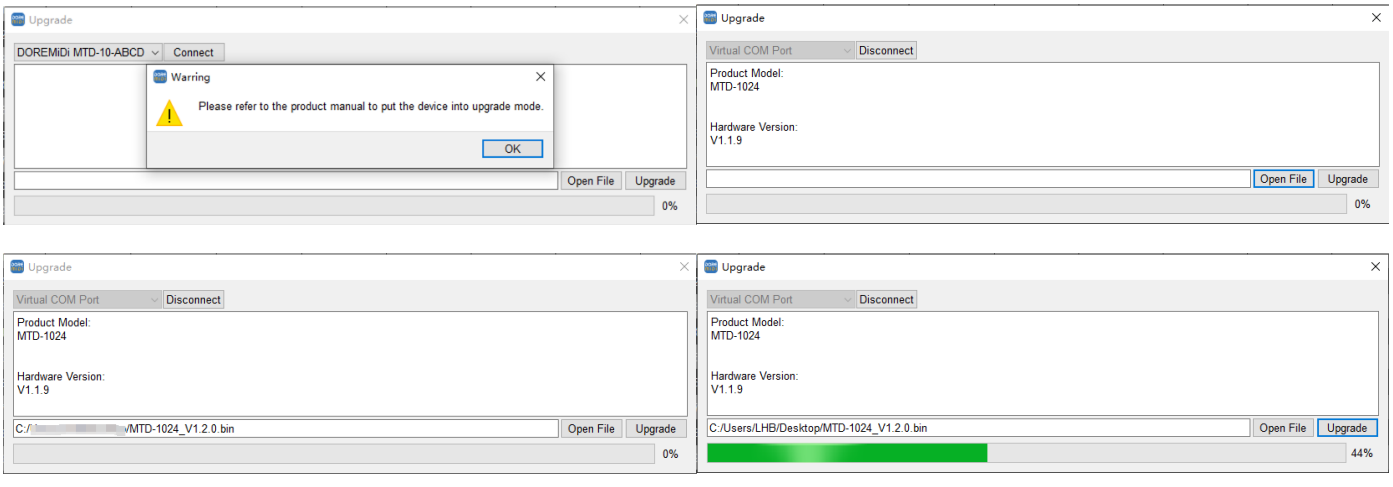
Parameter	Display	Description
MIDI Note = 60 Name		MIDI note name display. Used to set the display of note names when MIDI note = 60. Parameter range: C3, C4, C5. Default MIDI note = 60 is C4.
DMX Break Time		Set DMX Break Time, which requires connecting to a device to operate. Parameter range: 100~1000us;

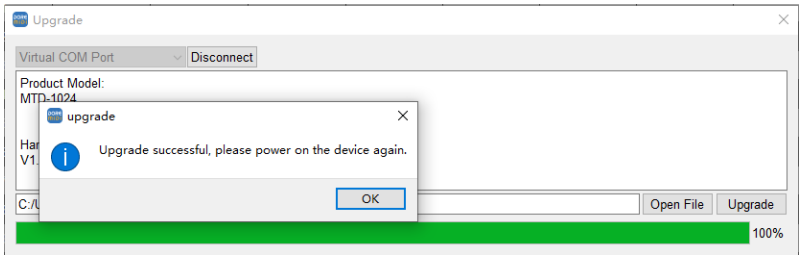
DMX After Break Time		Set DMX After Break Time, which requires connecting to a device to operate. Parameter range: 50~510us;
Coefficient		Set the conversion coefficient of MIDI to DMX, which needs to be connected to the device to operate. DMX value = MIDI value * Coefficient. Parameter range: 2/2.01/3/4/5, default 2.01.
Factory Reset		Set the device back to factory settings, which requires connecting to the device for setting. After clicking "OK", all device settings will be cleared.
DMX Channel Aliases		DMX channel alias. Set a custom name for each DMX channel to facilitate the annotation of each DMX channel function.

4.5.3. **Firmware Upgrade**

- Connect: Connect the device to be upgraded.
- Open File: Select the firmware to be upgraded.
- Upgrade: Click to upgrade the firmware and wait for the upgrade to complete.

(Note: The device can only be operated after entering the upgrade name. For MTD-1024, please press and hold the knob and then connect the USB to the computer. MTD-1024 will enter the upgrade mode.)





4.5.4. Help

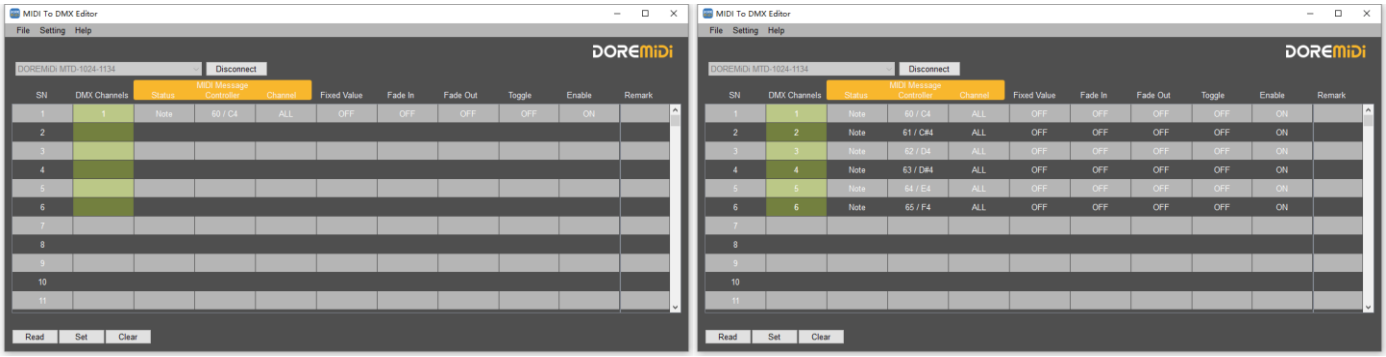
- User Manual: User Manual, after clicking, the instructions for using this software will pop up.
- About: After clicking, the version of this software and other information will appear.

4.6. Software editing skills

In order to facilitate user editing, this software has built-in multiple table processing methods, and users can quickly use them to batch modify, delete, add, etc. various parameters.

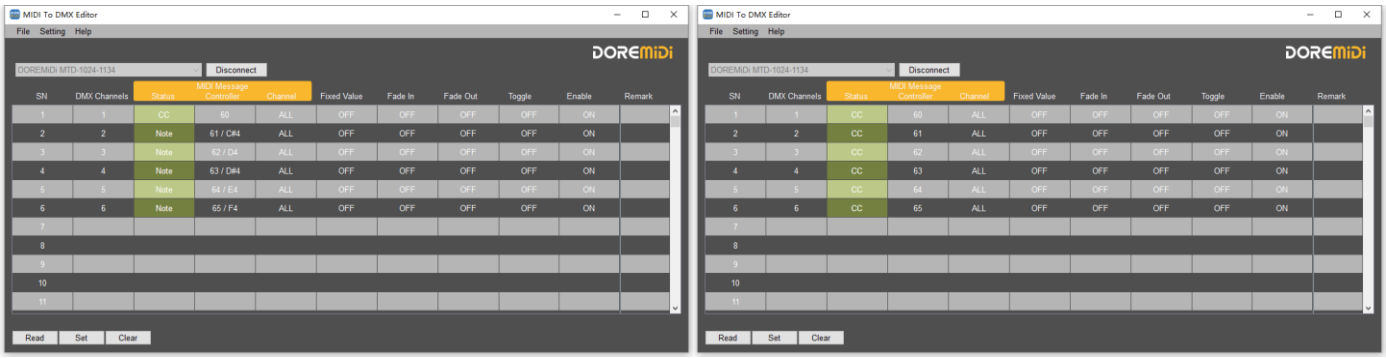
4.6.1. Adding parameters of the same type

Select "DMX Channels" with the left mouse button. Pull down to generate multiple rows of parameters. The "DMX Channels" and "Controller" in each row will increase automatically, and the same values will be automatically added to other parameters.



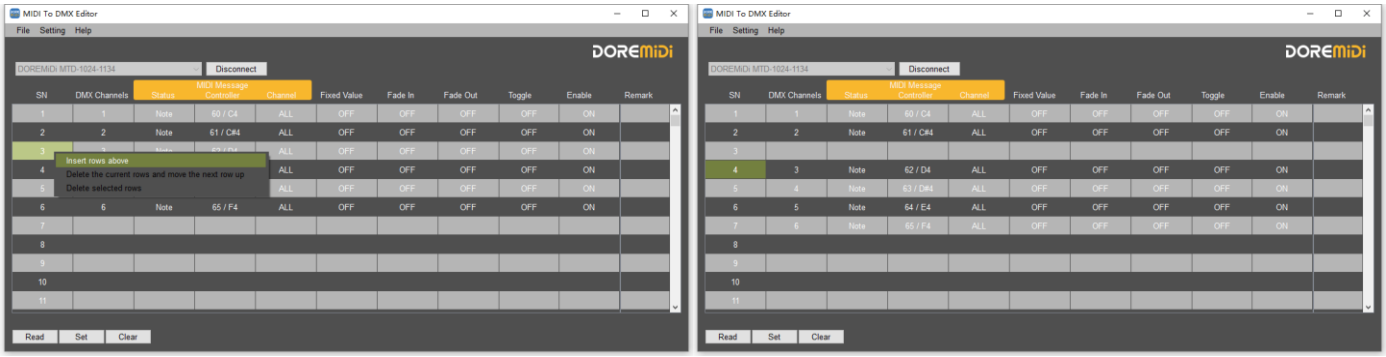
4.6.2. Batch modify parameters

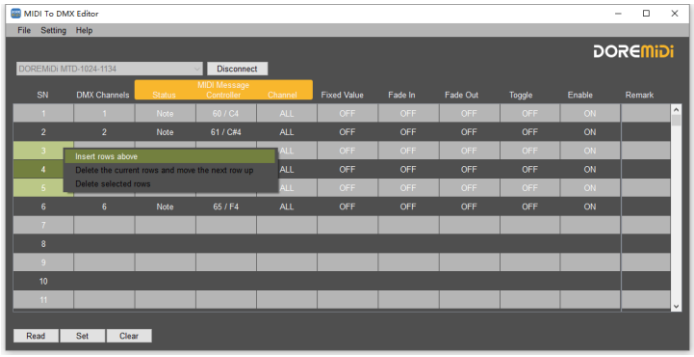
Use the left mouse button to select the parameter to be modified, such as "Status", and hold it down. The same parameters will appear when you pull down. If you select "DMX Channels" and "Controller", the values will increase automatically.

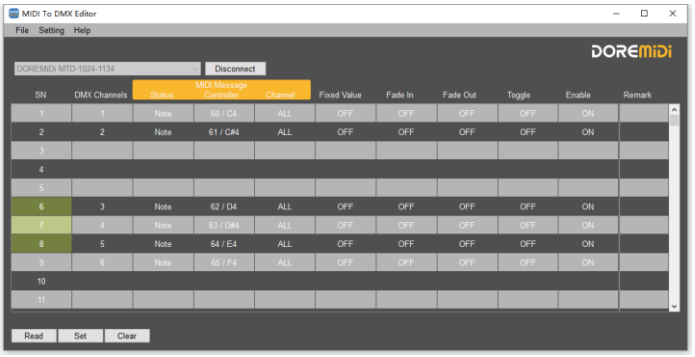


4.6.3. Add new rows

Right-click "SN" to add a row above the current row. You can add multiple rows.

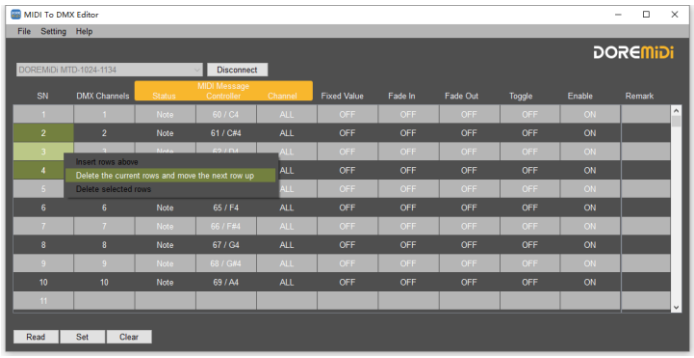


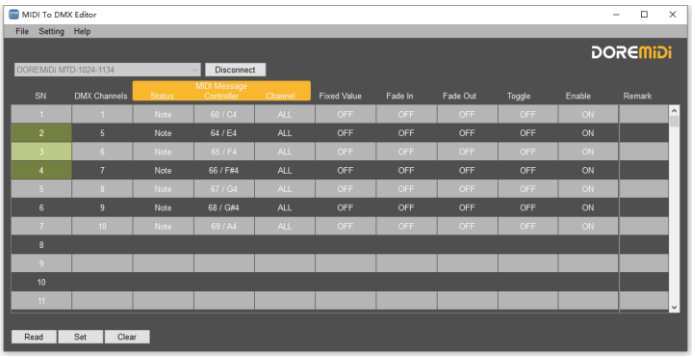


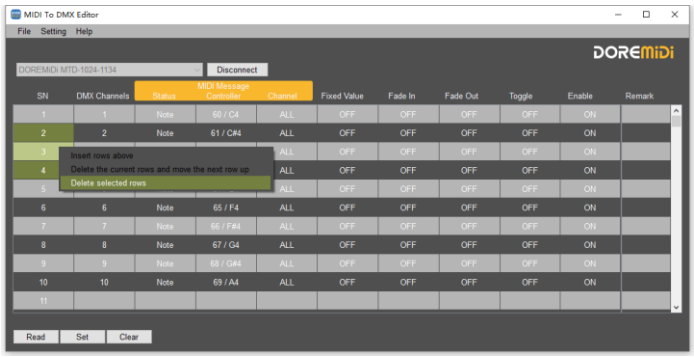


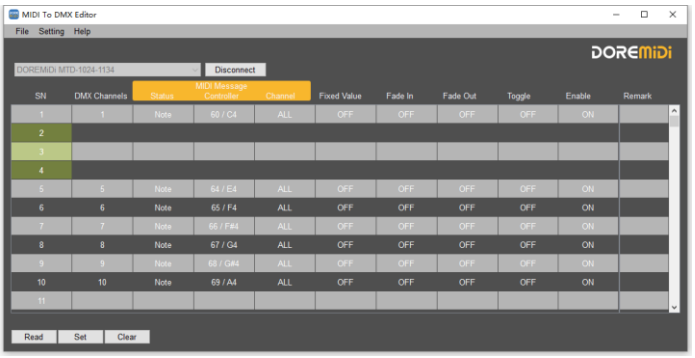
4.6.4. **Deleting rows**

Press and hold the current "SN" and pull down to select multiple rows. You can choose to delete and move up to the next row, or delete the currently selected row.



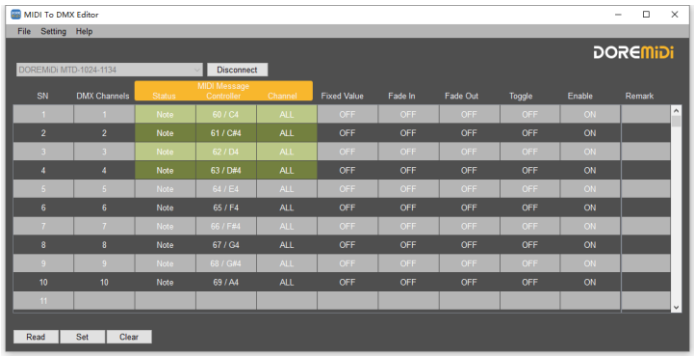


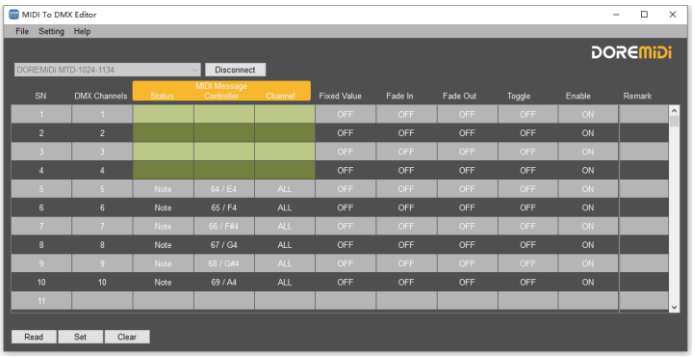




4.6.5. **Deleting any parameters**

You can press and hold the right mouse button, select any area, and click "Delete" on the keyboard to delete the parameters.





5. Questions & Answers

5.1. Question: The device cannot connect to the software.

Answer:

- Please make sure that the USB Device port of the device is connected to the computer and the device is powered.
- Please try to connect to another USB port of the computer.
- Please try to install the USB COM driver. Virtual COM Port Driver V1.5.0.zip

5.2. Question: The software can select the device, but cannot connect.

Answer: Please make sure that the device (MTD-1024) firmware has been upgraded to V1.1.9 or above.

5.3. Question: During the software setup process, can I use MIDI software to edit the device at the same time?

Answer: Yes, the software uses the serial port for setting and does not occupy the USB MIDI port of the device.

If the problem cannot be solved, please contact customer service.

Manufacturer: Shenzhen Huashi Technology Co., Ltd.

Address: Room 910, Jiayu Building, Hongxing Community, Songgang Street, Baoan District, Shenzhen, Guangdong, China

Post Code: 518105

Customer Service Email: info@doremidi.cn