series

User Manual

MIDIPLUS

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Introduction

Thank you for purchsing the MIDIPLUS TINY series MIDI keyboard, They are available in two model:Basic and Controller Editions.The 32 keys MIDI Keyboard features velocity sensitive,joystick and transport control,and can be customized via the MIDIPLUS Control Center, which can be downloaded from the MIDIPLUS website. Please read this manual before you start using, to help you quickly understand the basic operations and features of TINY series MIDI keyboard.

Package included:

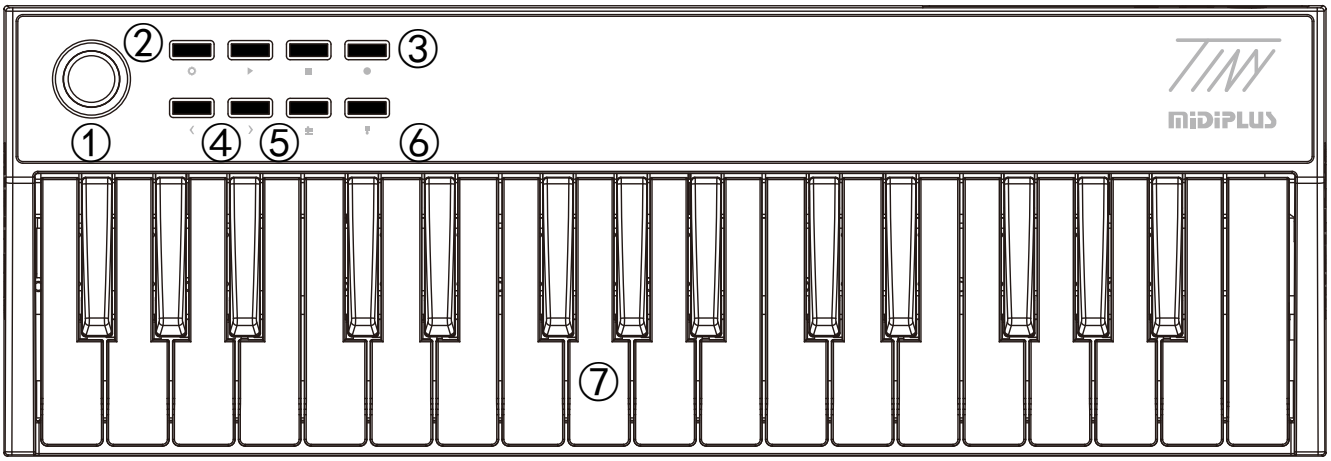
- TINY series MIDI keyboard
- USB cable
- Cubase LE Registration paper
- MIDIPLUS Pasters

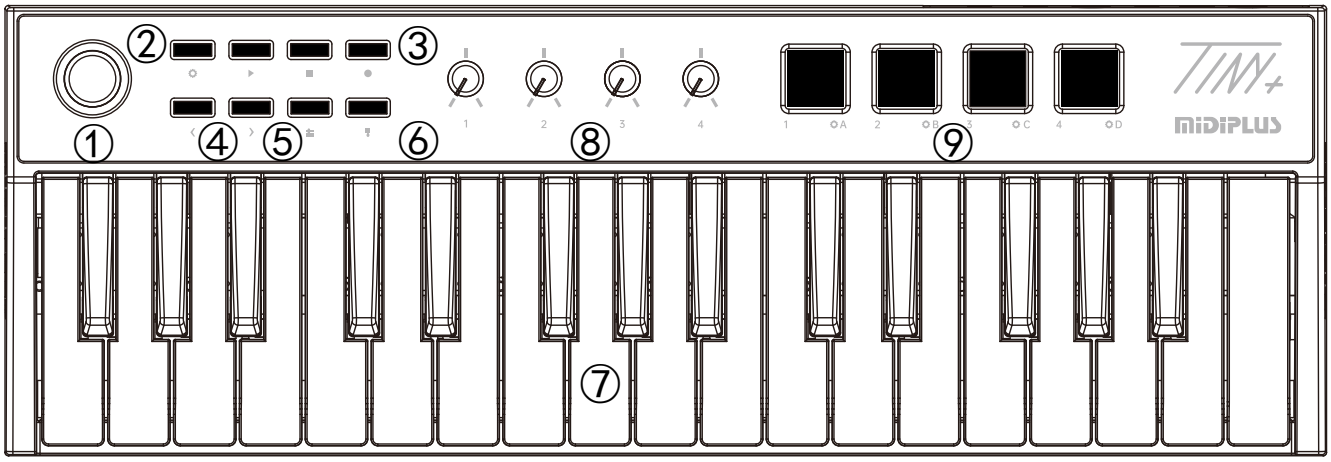
Important Notes:

1. Please use dry and soft rag to wipe the TINY series MIDI keyboard when cleaning. Do not use paint thinners, organic solvents, detergents or other wipes soaked in aggressive chemicals so as not to discolor the panel or keyboard.
2. Please unplug the usb cable and turn off the TINY series MIDI keyboard when the keyboard will not be used for long period of time or during a thunderstorm.
3. Avoid using TINY series MIDI keyboard near water or wet places, such as bathtub, pool, or similar places.
4. Please do not place the TINY series MIDI keyboard in an unstable place to avoid acciedental falling.
5. Please do not place heavy objects on the TINY series MIDI keyboard.
6. Please avoid placing TINY series MIDI keyboard with poor air circulation.
7. Please do not open inside of TINY series MIDI keyboard, avoid any metal falling may causing fire or electric shock
8. Avoid spilling any liquid on the TINY series MIDI keyboard.
9. Avoid using TINY series MIDI keyboard in case of thunder or lightning
10. Please do not expose TINY series MIDI keyboard to scorchingsun
11. Please do not use TINY series MIDI keyboard when there is gas leakage nearby.

1. Overview

1.1 The Top Panel





Basic Edition:

① **Pitch and Modulation joystick:** Control the pitch bend and modulation parameters of your sound.

② **SHIFT:** Activate semitone control or Controller.

③ **Transport:** Offers MMC modes, controls your DAW's transport.

④ **Transpose and Octave:** Activate keyboard's semitone control and octave control.

⑤ **CHORD:** Activate keyboard's Chord mode.

⑥ **SUSTAIN:** Activate keyboard's SUSTAIN.

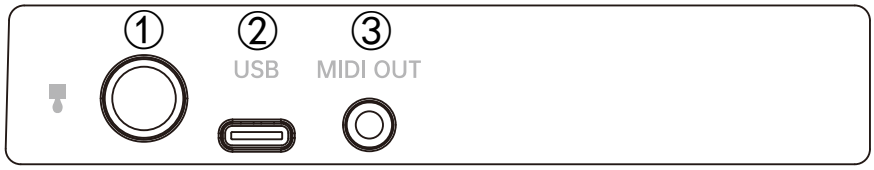
⑦ **Keyboard:** Trigger notes on/off.

Controller Edition:

⑧ **Knobs:** Control DAW and software instrument parameters.

⑨ **Pads:** Trigger channel 10 instrument note.

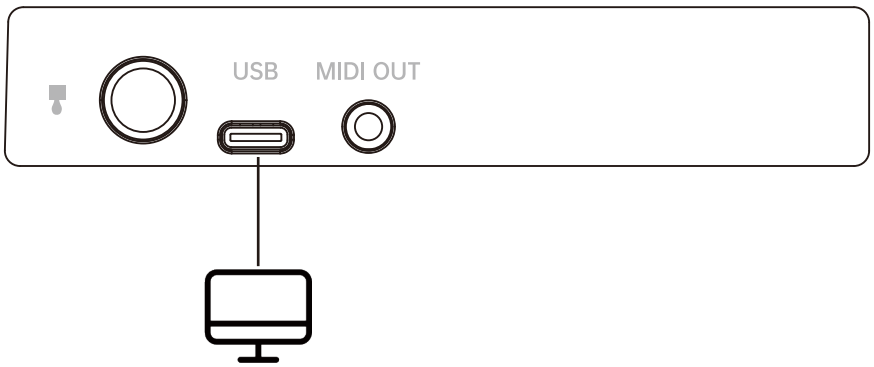
1.2 The Rear Panel



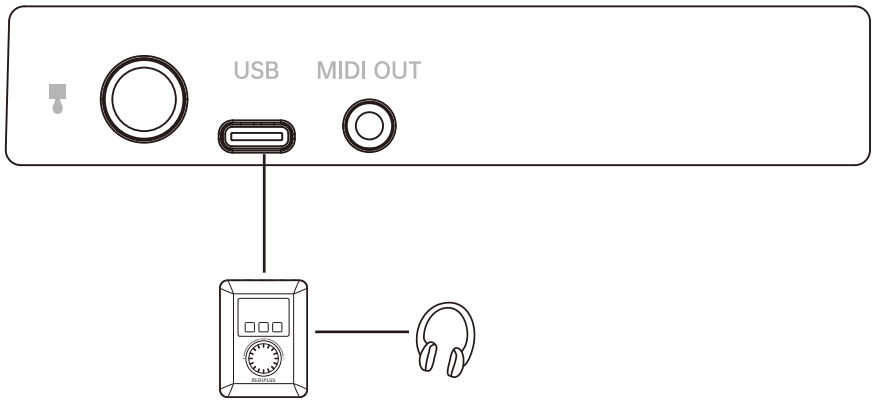
① **SUSTAIN:** Connect to a SUSTAIN pedal.
② **USB:** Connect to your computer, this port provides both power and MIDI data.
③ **MIDI Out:** Sends MIDI data to external MIDI device.

2. Guide

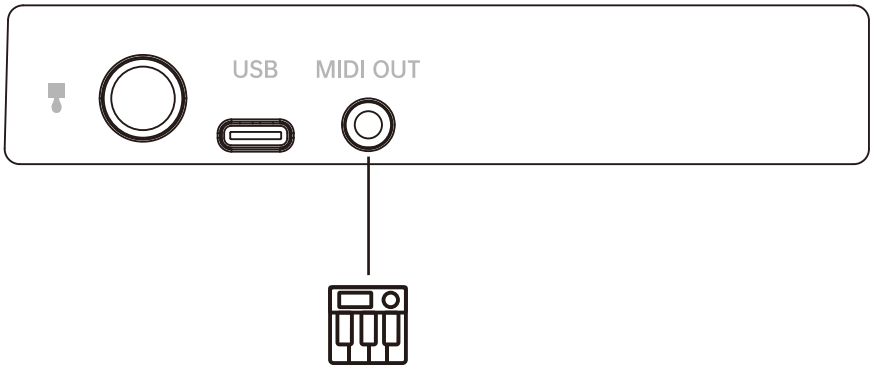
2.1 Ready to use



Use with computer: Connect TINY series MIDI keyboard to your computer using the included USB cable. TINY series MIDI keyboard is a class-compliant USB device, so its drivers are automatically installed when connecting to a computer.

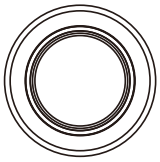


Use with MIDIPLUS miniEngine series sound engine: Connect TINY series MIDI keyboard to the USB Host of miniEngine using the included USB cable, hold down the Power button to turn on the power. connect your speaker or headphone to miniEngine and turn on the miniEngine.



Use with external MIDI device: Connect to a USB 5V power adapter using the included USB cable, connect the MIDI OUT of TINY series MIDI keyboard to MIDI IN of external MIDI device with a 5 pin MIDI cable.

2.2 Pitch and Modulation joystick



The joystick of **TINY series MIDI Keyboard** allows for real-time **Pitch bend** and **Modulation** control.

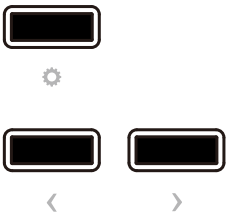
Sliding left or right on the joystick will raise or lower the pitch of the selected tone. The range of this effect is set within the hardware or software instrument being controlled.

Sliding up or down on the joystick increases the amount of modulation on the selected tone. The response depends on the settings of the instrument being controlled. Certain instruments or presets will not use the modulation parameter.
In the **MIDIPLUS Control Center**, the **pitch bend** can be defined by you as CC number (range CC0-CC128) and MIDI channel (range 0-16).the **Modulation Control** can be defined by you as CC number (range CC0-CC127) and MIDI channel (range 0-16).

2.3 SHIFT

Hold down **SHIFT** button to access the transpose function and switch the **Pad Banks**.

2.4 Octave and Transpose



Octave: Pressing the < or > button to **SHIFT** the octave range of keyboard, when activated, the selected octave button will blink,The blink frequency changes with the **Octave**.

Transpose: Press and hold the **SHIFT** button, then pressing the < or > button to transpose, when activated, the **SHIFT** button will light up.

2.5 Chord mode

To activate Chord mode, just hold down the **CHORD** button, and play your preferred Chord (maximum of 10 notes) on the keyboard after it flashes. Once you release the **CHORD** button, this Chord can be played by pressing just one note. The lowest note of the Chord selected is considered to be the bottom note, and is automatically transposed to any new note you play. Press the **CHORD** button again to deactivate Chord mode.

2.6 SUSTAIN

Activate the SUSTAIN button will add SUSTAIN effects to the keyboard, it has 2 working mode:

① Press **SUSTAIN** once to activate SUSTAIN, press again to deactivate.

② Hold down **SUSTAIN** to activate SUSTAIN, release to deactivate.

2.7 Transport

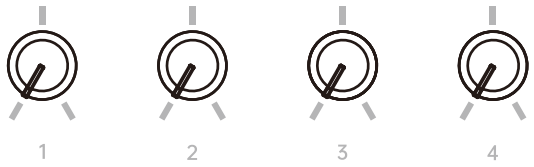
The three transport buttons of the **TINY series MIDI keyboard** are in **MMC** mode, which represent **Play**, **Stop**, and **Record**.

In the **MIDIPLUS Control Center**, the **Transport** button contains the **MMC** mode and the **CC** mode.

In **MMC** mode, you can customize the mode of the **Transport** button: Stop, Play, Fast forward, Rewind and Record;

In **CC** mode, you can customize the CC number (range CC0-CC127), MIDI channel (range 0-16) and mode (Gate/Toggle).

2.8 Knobs (TINY+)

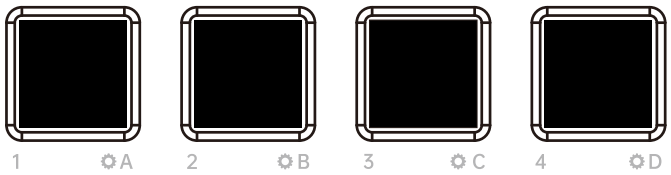


TINY seires MIDI keyboard features 4 knobs, the default **MIDI CC#** of knobs as below:

Knobs	MIDI CC# (Default)
K1	CC#93
K2	CC#91
K3	CC#71
K4	CC#74

In the **MIDIPLUS Control Center**, you can customize the CC number (range CC0-CC127) and MIDI channel (range 0-16) of K1-K4 respectively.

2.9 Pads (TINY+)



TINY+ features 4 velocity sensitive pads represents different **Pad Banks**, 4 **Pad Banks** can be switched by pressing the **SHIFT** and **Pads**,and they can send different note.The note of 4 **Pad Banks** as below:

BANK A	BANK B	BANK C	BANK D
Pad 1=36	Pad 1=40	Pad 1=44	Pad 1=48
Pad 2=37	Pad 2=41	Pad 2=45	Pad 2=49
Pad 3=38	Pad 3=42	Pad 3=46	Pad 3=50
Pad 4=39	Pad 4=43	Pad 4=47	Pad 4=51

In the **MIDIPLUS Control Center**, the PAD contains **NOTE** mode and **CC** mode.

In **NOTE** mode, you can customize Note (range 0-127) and MIDI channel (range 0-16) for the Pad.

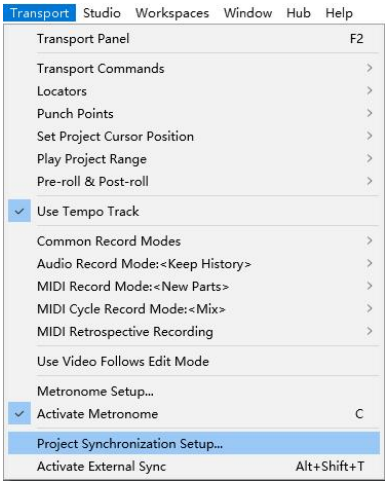
In **CC** mode, you can customize the CC number (range 0-127), MIDI channel (range 0-16), and strike pad mode (Gate/Toggle).

*To restore factory Settings, press the two leftmost keys of the panel and access the power supply.

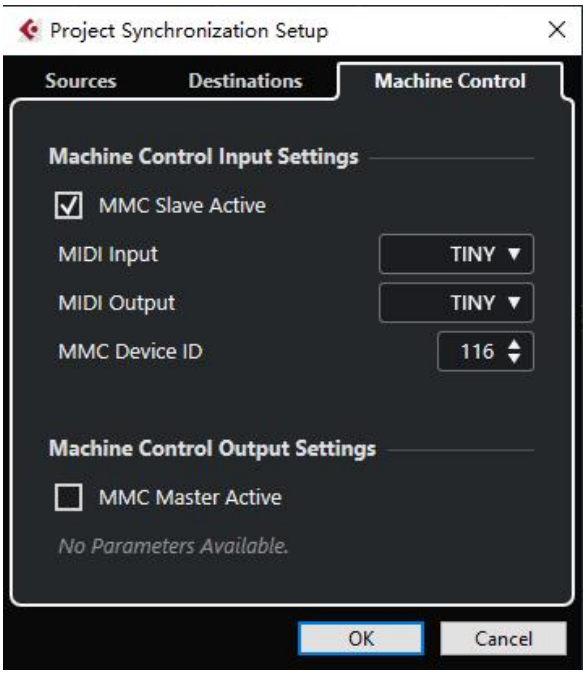
3. DAW Settings

3.1 Steinberg Cubase/Nuendo Pro(MMC)

1. Go to menu: **Transport** > **Project Synchronization Setup...**



2. Select the **Machine Control** and enable MMC Slave Active, set the **MIDI Input** and **MIDI Output** as **TINY series MIDI keyboard**, then set the **MMC Device ID** as **116**

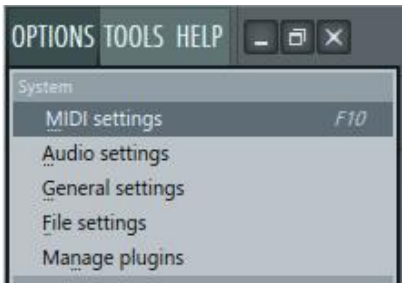


3. Click on **OK** to finish setup

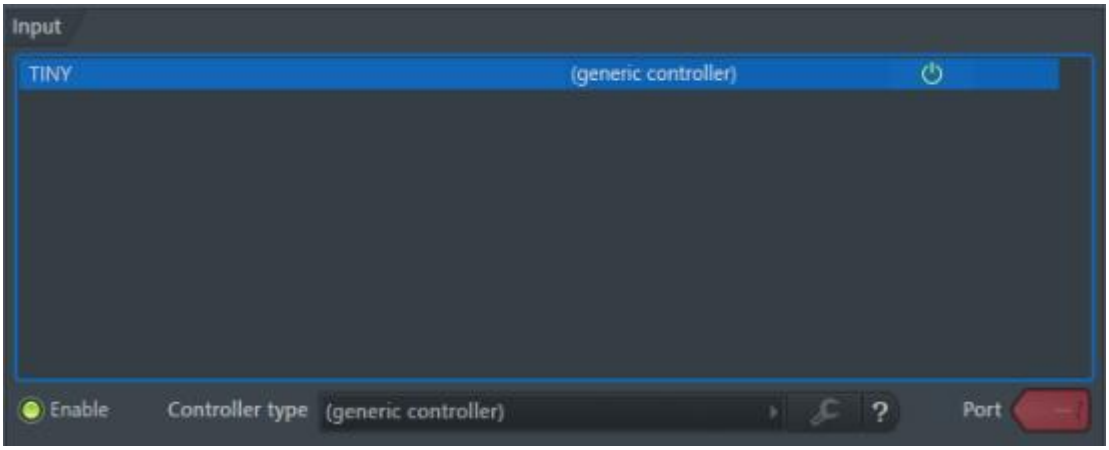
Note: Cubase LE/AI/Elements does not support MMC.

3.2 FL Studio(MMC)

1. Go to menu: **Options** > **MIDI settings** (keyboard shortcut: F10)

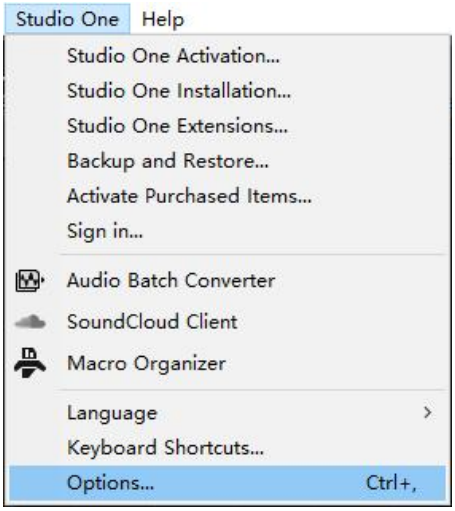


2. In the Input tab, find and **Enable** TINY series MIDI keyboard, then close the window to finish setup

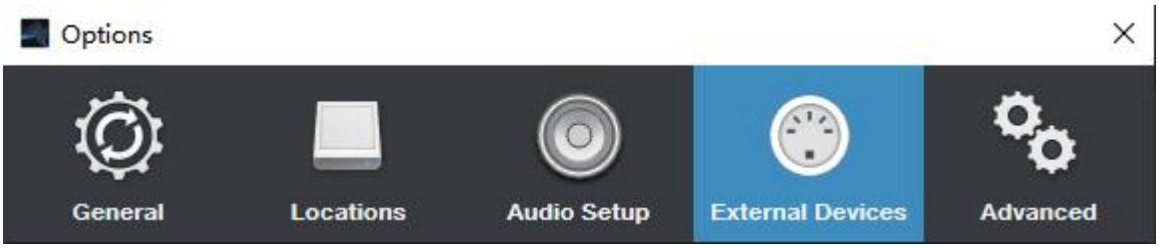


3.3 Studio One (MMC)

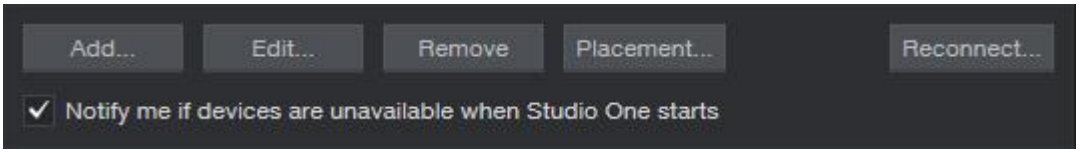
1. Go to menu: **Studio One** > **Options...**(keyboard shortcut: Ctrl+,)



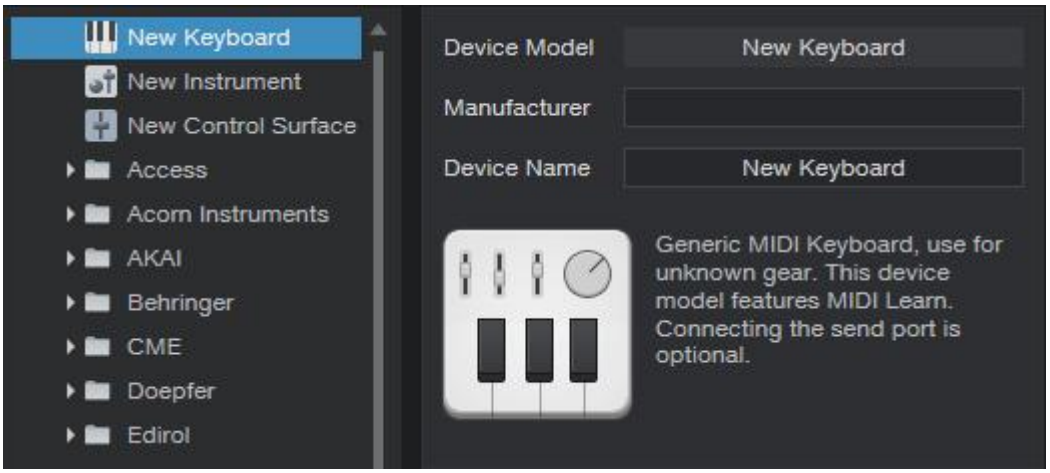
2. Select the **External Devices**



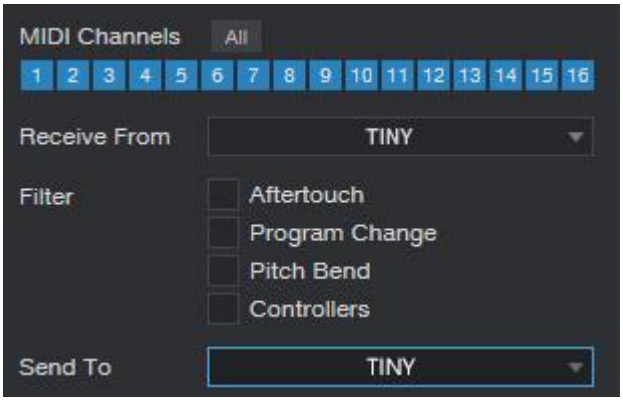
3. Then click on **Add...**



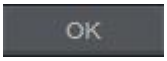
4. Select **New Keyboard**



5. Set both **Receive From** and **Send To** as **TINY series MIDI keyboard**

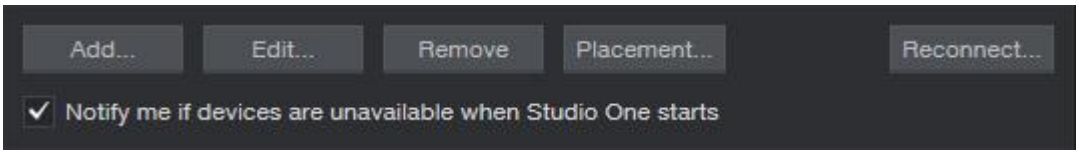


6. Click on OK to finish this part

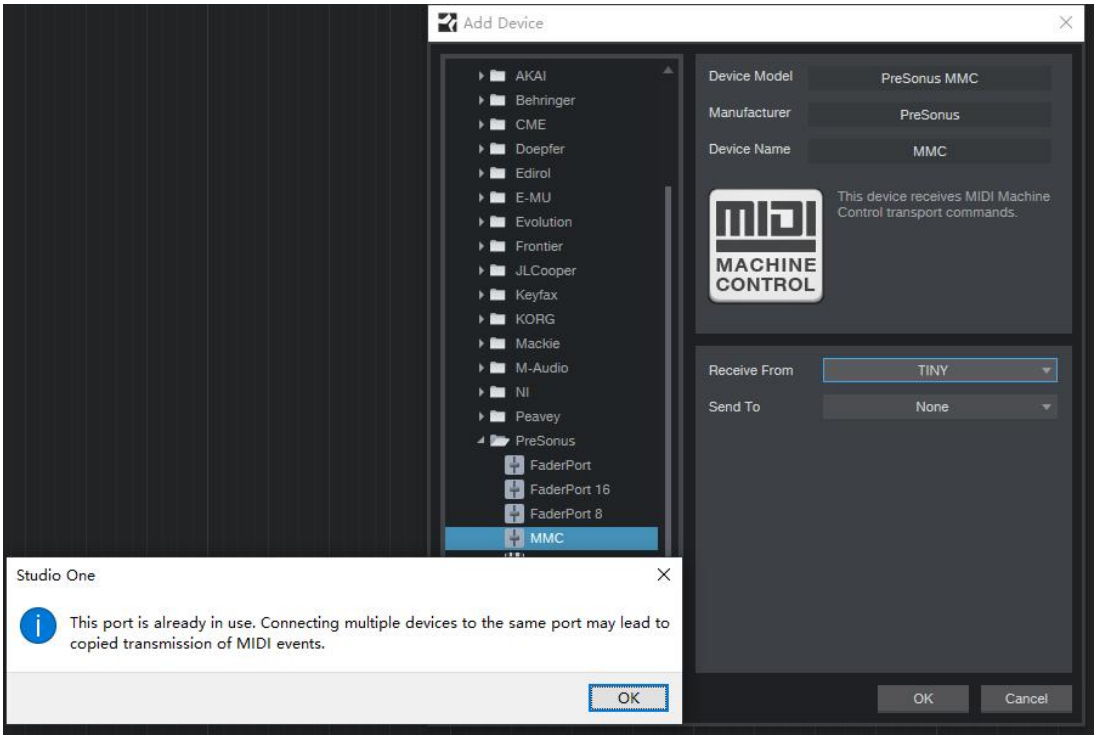


* Step 7 and 8 applies to Studio One 3 and earlier version

7. Click on **Add...**

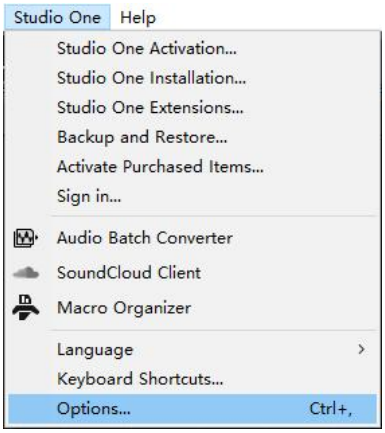


8. Find the **PreSonus** folder in the list and select **MMC**, set both **Receive From** and **Send To TINY series MIDI keyboard**, then click on **OK** to finish setup.

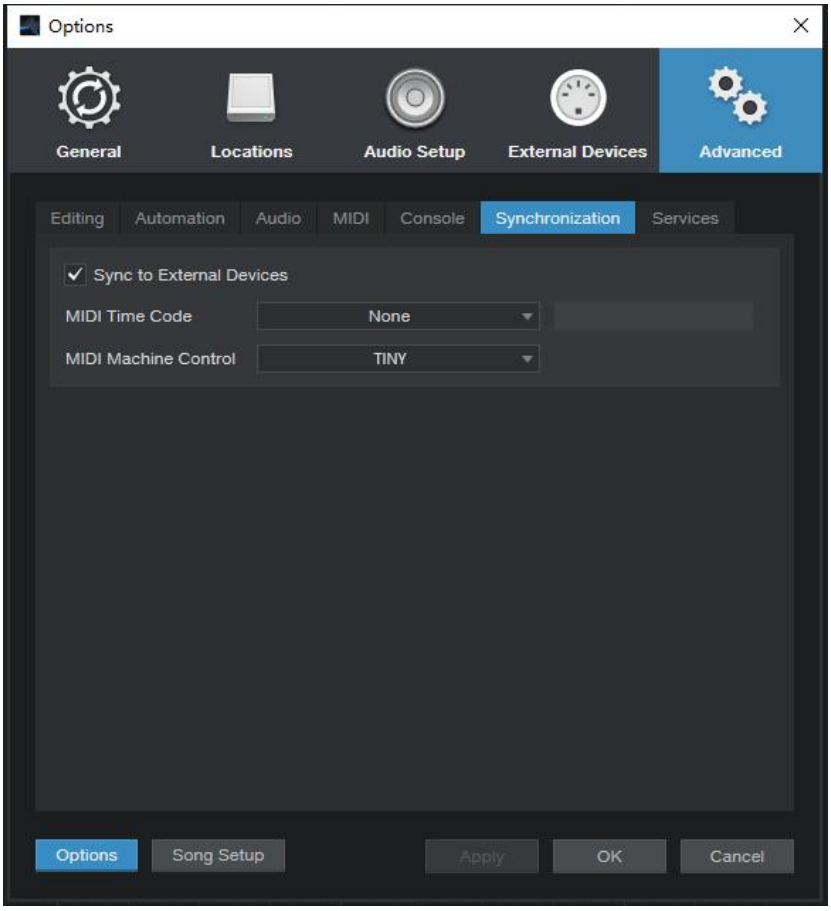


* Step 9 and 10 applies to Studio One 4 and later version

9. Go to menu: **Studio One** > **Options...**(keyboard shortcut: Ctrl+,)

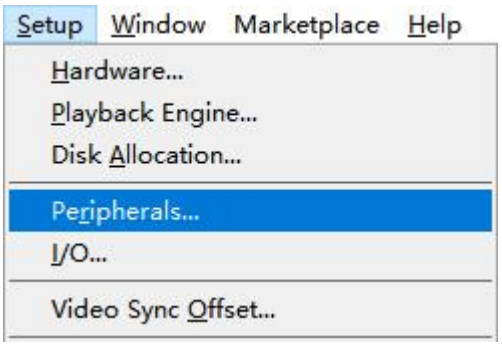


10. Select the **Advanced** and select the **Synchronization**, enable the **Sync to External Devices,** set **MIDI Machine Control** is **TINY series MIDI keyboard**, then click on **OK** to finish setup.

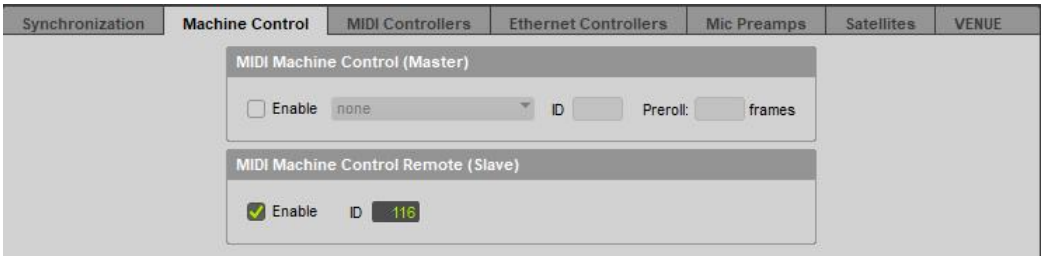


3.4 Pro Tools (MMC)

1. Go to menu: **Setup** > **Peripherals...**



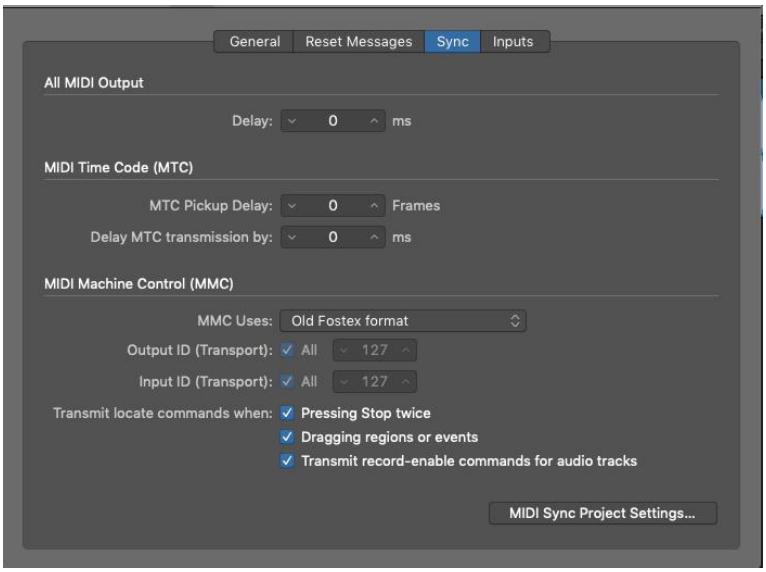
2.In the pop-up window, click on the **Machine Control** tab, find the **MIDI Machine Control Remote (Slave)** and click it, set the ID as 116, then close the window to finish setup.



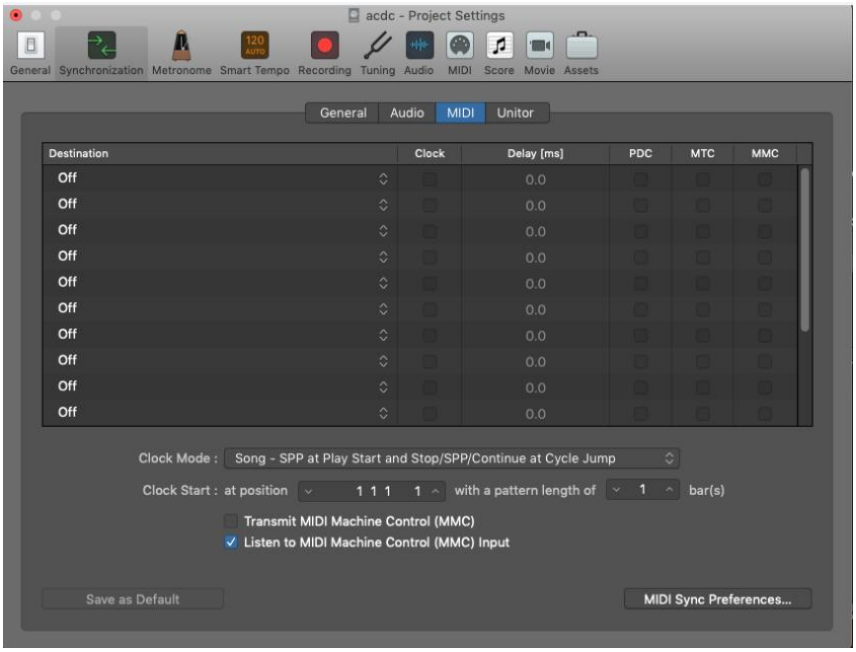
3.5 Logic Pro X (MMC)

1. Go to menu: **Preferences** > **MIDI...**

2. Select the **Sync** window, find the **MIDI sync Project Settings...** and click on it

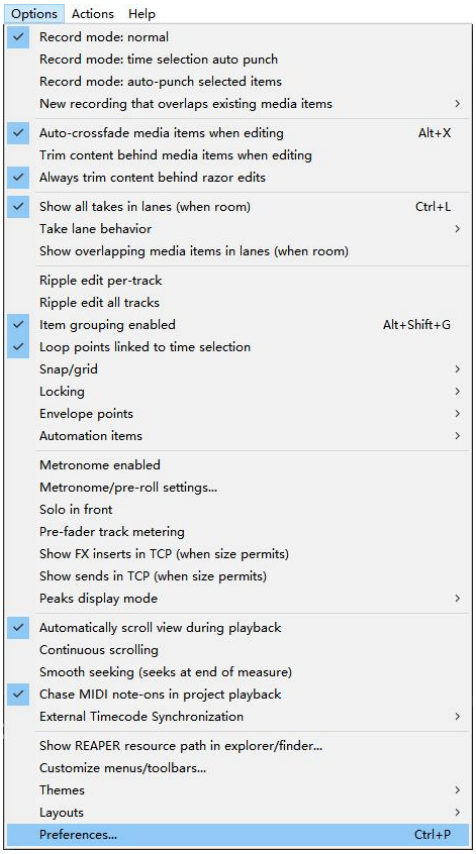


3. Enable the **Listen to MIDI Machine Control (MMC) Input** , then close the window to finish setup.

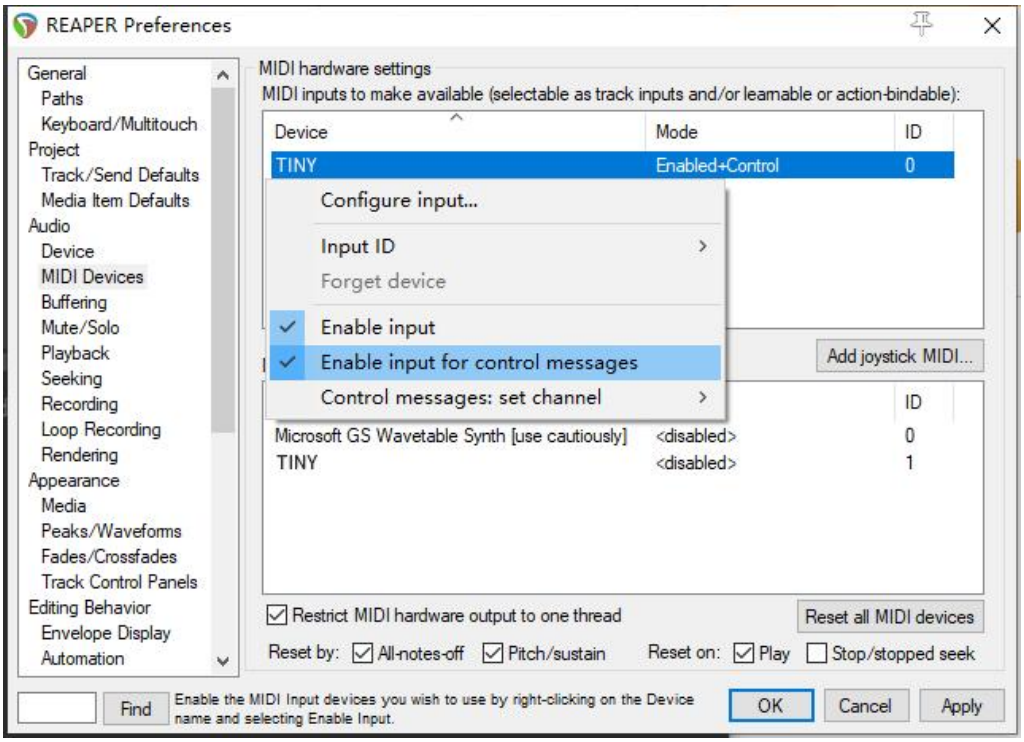


3.6 Reaper (MMC)

1. Go to menu: **Options** > **Preferences...** (keyboard shortcut: Ctrl + P)



2. In the Preferences window, click on the **MIDI Devices** tab, find and right click on the the **TINY series MIDI keyboard** from the Device list, select **Enable input** and **Enable input for control messages**, then close the window to finish setup.



4. Appendix

4.1 Specifications

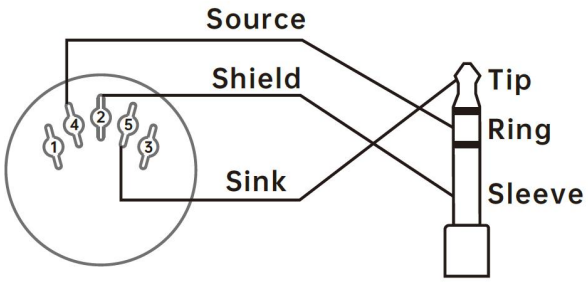
Model	TINY Series
Keyboard	32 notes keyboard with velocity sensitive
Maximum Polyphony	64
Buttons	1 SHIFT, 3 Transport, 2 Octave, 1 SUSTAIN, 1 CHORD
Knobs (TINY+)	4 Knobs
Pads (TINY+)	4 velocity pads with backlit
Connectors	1 USB Type C, 1 MIDI out, 1 SUSTAIN
Dimensions	TINY: 390 x 133 x 40(mm) TINY+:390 x 133 x 46 (mm)
Net Weight	TINY: 0.56kg TINY+:0.65kg

4.2 MIDI CC List

CC Number	Purpose	CC Number	Purpose
0	Bank Select MSB	66	Sostenuto On/Off
1	Modulation	67	Soft Pedal On/Off
2	Breath Controller	68	Legato Footswitch
3	Undefined	69	Hold 2
4	Foot Controller	70	Sound Variation
5	Portamento Time	71	Timbre / Harmonic Quality
6	Data Entry MSB	72	Release Time
7	Main Volume	73	Attack Time
8	Balance	74	Brightness
9	Undefined	75 ~ 79	Sound Controller 6 ~ 10
10	Pan	80 ~ 83	General Purpose Controller 5 ~ 8
11	Expression Controller	84	Portamento Control
12 ~ 13	Effect Controller 1 ~ 2	85 ~ 90	Undefined
14 ~ 15	Undefined	91	Reverb Send Level
16 ~ 19	General Purpose Controller 1 ~ 4	92	Effects 2 Depth
20 ~ 31	Undefined	93	Chorus Send Level
32	Bank Select LSB	94	Effects 4 Depth
33	Modulation LSB	95	Effects 5 Depth
34	Breath Controller LSB	96	Data Increment
35	Undefined	97	Data Decrement
36	Foot Controller LSB	98	NRPN LSB
37	Portamento LSB	99	NRPN MSB
38	Data Entry LSB	100	RPN LSB
39	Main Volume LSB	101	RPN MSB
40	Balance LSB	102 ~ 119	Undefined
41	Undefined	120	All Sound Off
42	Pan LSB	121	Reset All Controllers
43	Expression Controller LSB	122	Local Control On/Off
44 ~ 45	Effect Controller LSB 1 ~ 2	123	All Notes Off
46 ~ 47	Undefined	124	Omni Mode Off
48 ~ 51	General Purpose Controller LSB 1 ~ 4	125	Omni Mode On
52 ~ 63	Undefined	126	Mono Mode On
64	Sustain	127	Poly Mode On
65	Portamento On/Off		

4.3 MIDI DIN to 3.5mm TRS Adapter

TINY seires MIDI keyboard features a 3.5mm mini jack MIDI OUT, if you want to connect to the standard 5 pin MIDI IN, you need to use a 3.5mm TRS to MIDI DIN adapter, please note that there are 3 most common type adapter, make sure you are using the Type A, the MIDI-pin arrangement as below:



MIDI 4 (Source) > TRS Ring
MIDI 2 (Shield) > TRS Sleeve
MIDI 5 (Sink) > TRS Tip

www.midiplus.com