

OWNER'S MANUAL

ORIGIN SERIES



MIDIPLUS
www.midiplus.com.tw

Contents

Preface	1
Safety Information	2
Features	3
Operation Panel	6
Rear Panel	14
Trouble Shooting	15
Specifications	18
MIDI Implementation Chart	19

Preface

Congratulations on purchasing the **MIDIPLUS ORIGIN SERIES** master MIDI controller keyboard. It is one of the finest products of its kind, made after extensive research into what customers require from a MIDI Controller.

When using your **MIDIPLUS ORIGIN SERIES** in conjunction with a computer and appropriate music software, you will be able to discover the wonderful world of Computer Music, with a set of complete musical instruments from your sound card or workstation.

This manual is written to help you become familiar with the powerful features of the **MIDIPLUS ORIGIN SERIES**

Please read the manual carefully to discover all the features of your **MIDIPLUS ORIGIN SERIES** after reading the manual, you will have a clear understanding of how to transmit different MIDI messages to other instruments and equipment. For ease of use of MIDI implementation, we strongly recommend you to have the manual at hand when you are using the keyboard, especially if you are new to the world of MIDI.

IMPORTANT SAFETY INFORMATION

Please kindly note that it is very important to read the following safety instructions first.

1. Keyboard should be kept off water or wet environment nearby like bathroom or swimming pool.
2. Keyboard should be kept off heating elements nearby like a radiator or similar, also don't put keyboard in the places with high temperature or direct sunshine.
3. Use the power supply that is declared in our Specification.
4. If you don't use the keyboard for a long time, please plug power off.
5. Don't let small or metal objects like a coin or paperclip fall into the keyboard resulting in short circuit.
6. Do not open the keyboard, this is allowed by qualified technicians only.
7. Do not let keyboard switched on all the time.
8. Children should be informed about these security information by an adult, if children are too young to understand this information.
9. Electromagnetic fields like places near of a radio, audio amplifiers or television can be disturbing. Enough distance is important.
10. For cleaning, never use petrol, alcohol or solvent, resulting in damaging of the housing. Before using a dry or little wet rag for cleaning, please unplug power supply or USB connector to avoid electrical shock.
11. Never unplug the keyboard when the power supply is powered.
12. Don't throw the Keyboard, and also never let them crash down.
13. When it will be thunderstorm, please unplug all connectors.

Features

- WHAT'S NEW

- The **MIDIPLUS ORIGIN SERIES** MIDI master controller keyboard is based on a powerful platform. It use an ARM7 chip to process the MIDI, bring you a nice feeling. USB 2.0 full-speed, powerful precessing capability, small latency time.

- MAIN FEATURE

The **MIDIPLUS ORIGIN SERIES** MIDI master controller keyboards provide 25/49/61 dynamic Piano keys, which can draw 5V DC power directly from your PC USB Port. Therefore, you don't need an external power-supply or batteries to activate your instrument when used with a PC. **MIDIPLUS ORIGIN SERIES** can also use 6 x AA size battery for portability.

To set up the MIDI connection of your **MIDIPLUS ORIGIN SERIES** to your PC's sound card, your **MIDIPLUS ORIGIN SERIES** comes with an USB cable. This cable connects your **MIDIPLUS ORIGIN SERIES** keyboard to your PC USB- port, which makes it simple to expand your system.

The **MIDIPLUS ORIGIN SERIES** provides two MIDI OUT socket for connecting to other MIDI devices such as sound modules or synthesisers. There is also a socket for an optional sustain-footswitch. Although the **MIDIPLUS ORIGIN SERIES** has no built-in sound capabilities, it offers a great variety of useful MIDI functions.

- WHAT'S THE MIDI FUNCTIONS

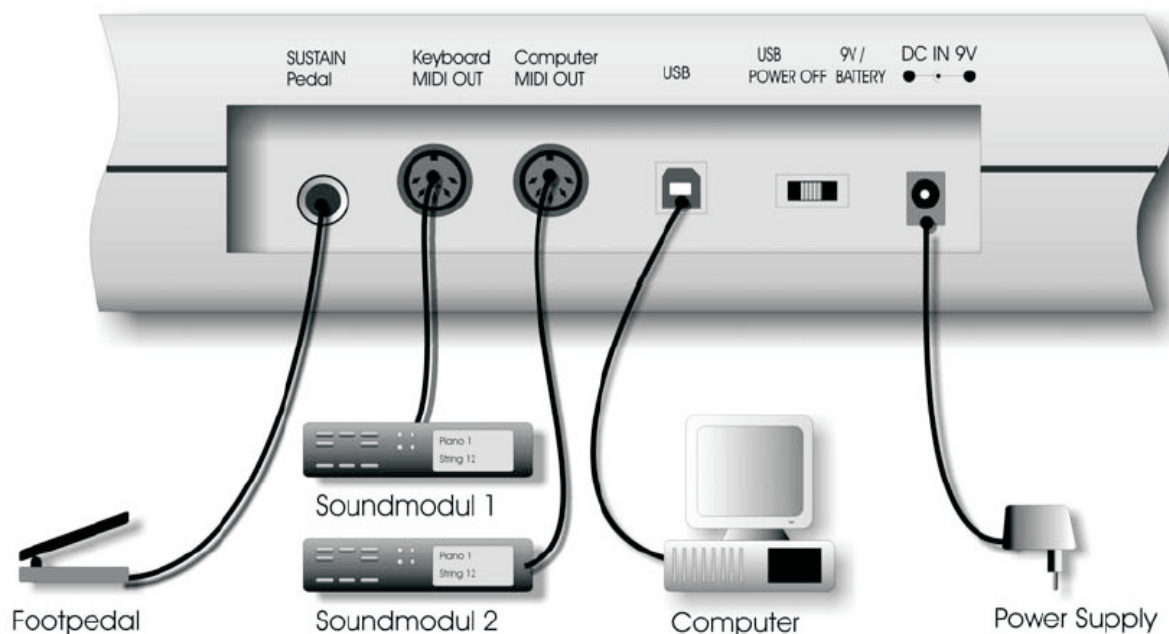
MIDI is the acronym for *Musical Instrument Digital Interface*, which makes all digital musical instruments equipped with this standardised interface capable of exchanging their MIDI data or "talk to each other"! To explain how MIDI works on your instrument in more detail, the following illustrations will outline the MIDI functions of the **MIDIPLUS ORIGIN SERIES**, which allow you to connect the keyboard to other MIDI instruments. The versatile MIDI capability of the **MIDIPLUS ORIGIN SERIES** will offer you tremendous power in a MIDI environment.

- HOW TO USE THE MIDI FUNCTIONS

1. Connecting the keyboard to other MIDI instruments:

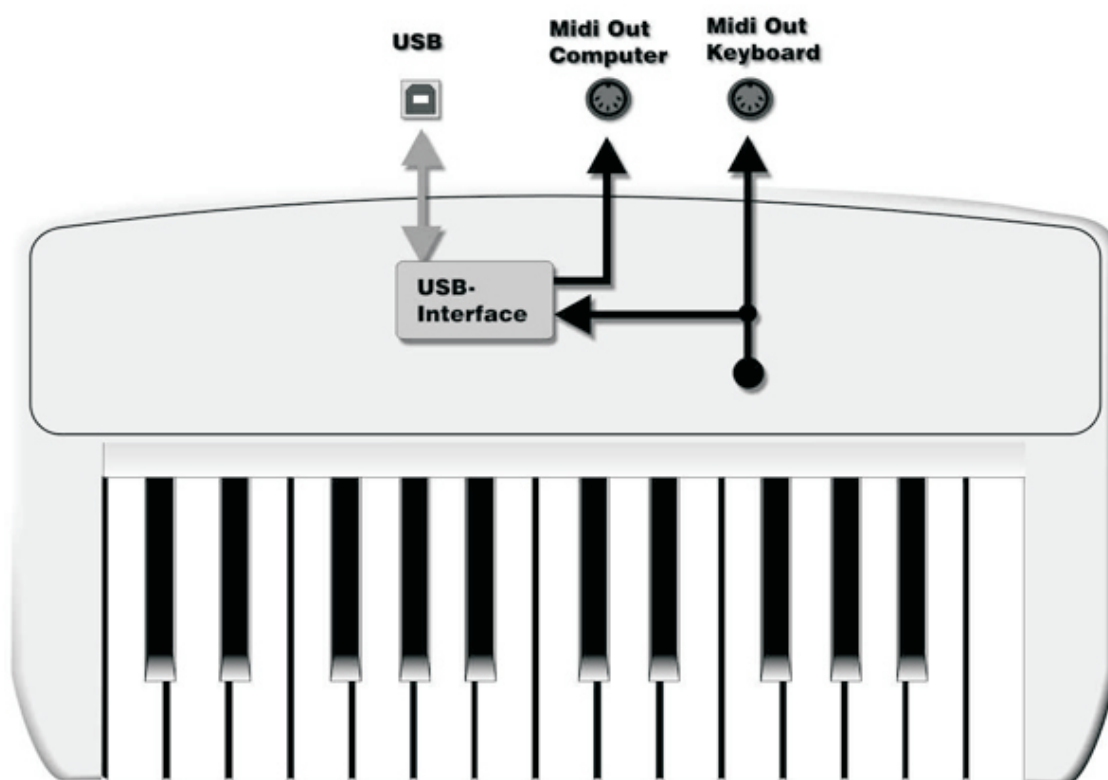
To transmit MIDI data from your keyboard to other professional MIDI instruments, please purchase a MIDI cable and use it to connect the MIDI OUT jack of your **MIDIPLUS ORIGIN SERIES** to the MIDI IN jack of the other instrument. Make sure that the MIDI "transmit" channel on your **MIDIPLUS ORIGIN SERIES** matches the MIDI "receive" channel of the other instrument.

2. Please refer to the following diagram for the MIDI connection:



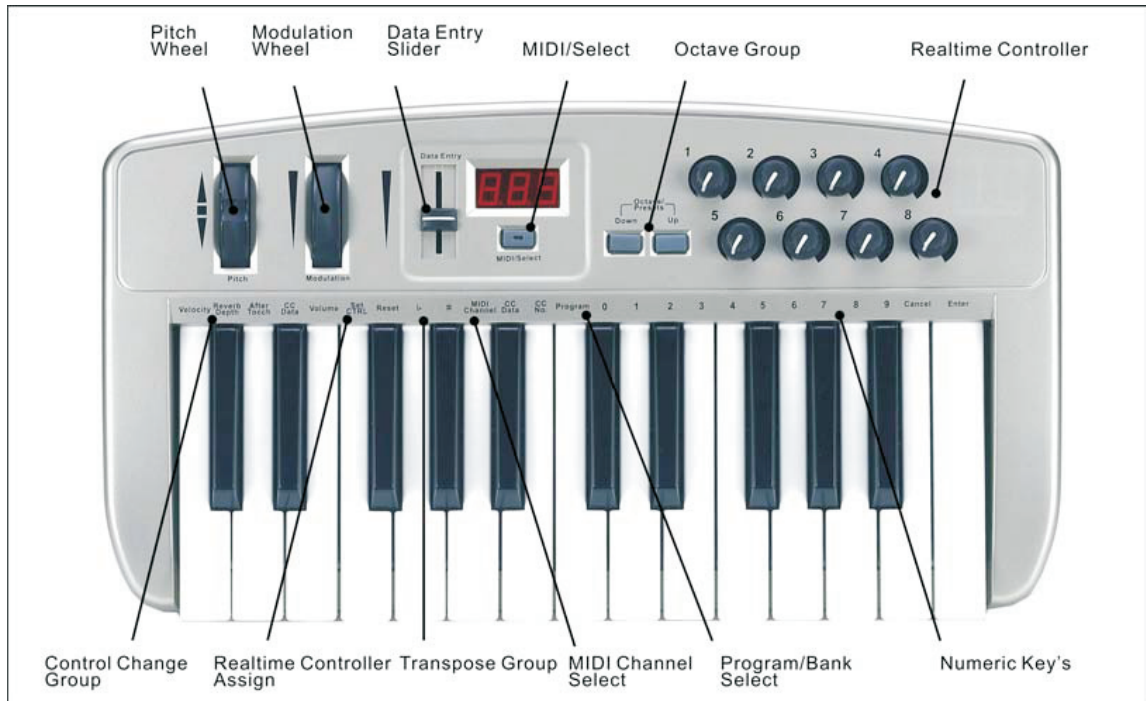
- Using the MIDI-Interface

The **MIDPLUS ORIGIN SERIES** Keyboard has a build-in midi-interface, which transfers the midi data from the keyboard to the computer, but also from the computer to the midi-out at the keyboard. The booth midi-out is separate usable, to control a sound expander or maybe an effect device. In your music program you can set the midi-out-port of the interface as the output of the keyboard, and also the input-port of the interface as the input of the keys of the keyboard. If the driver installation is correct, you can use the interface without problems.

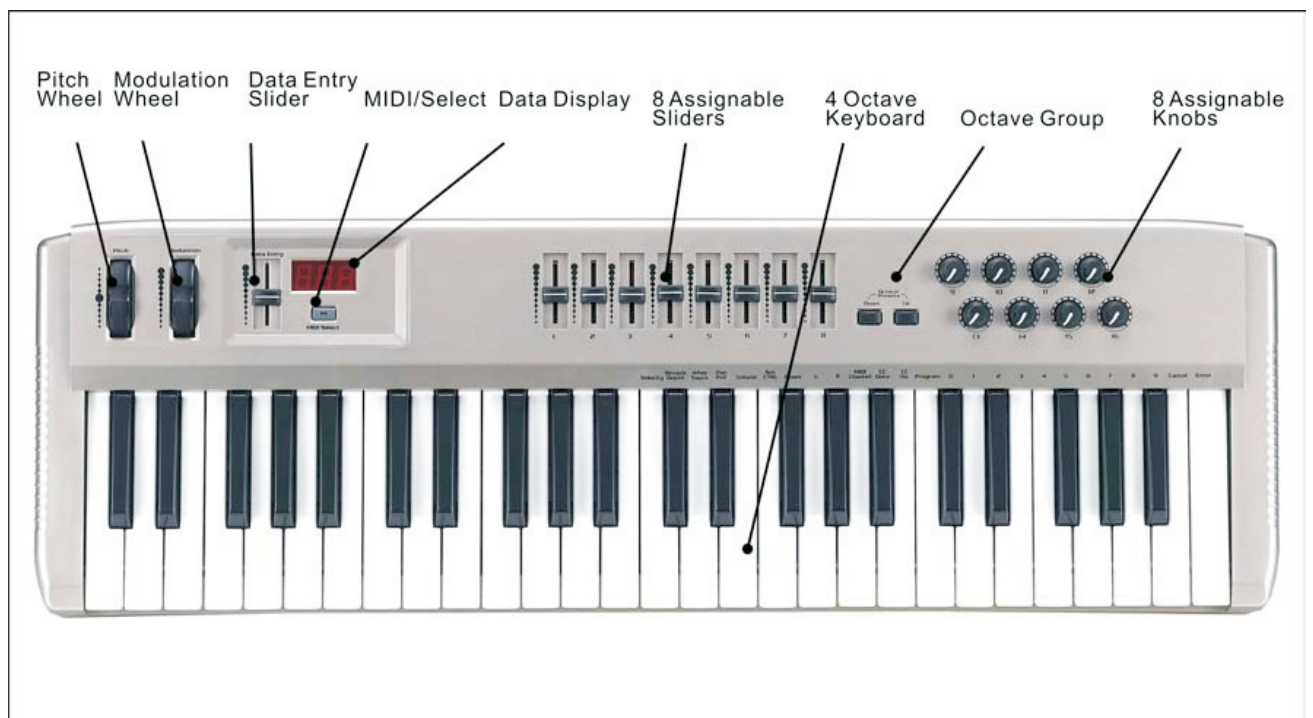


Operation panel

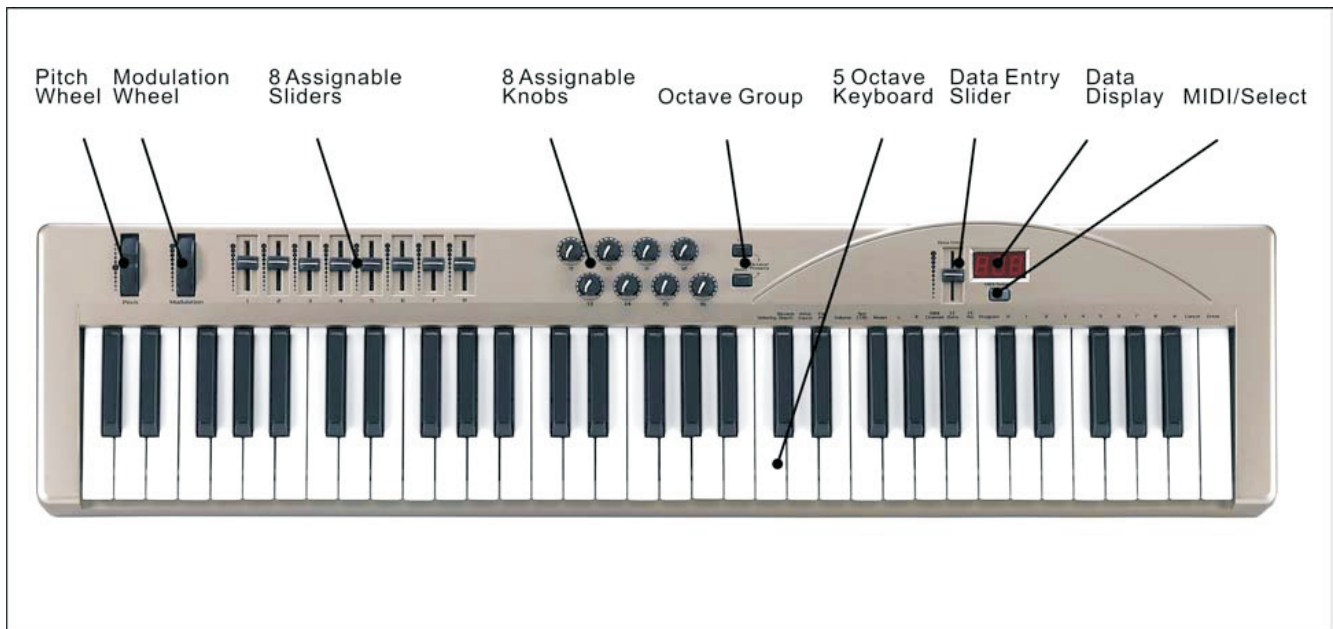
Origin 25



Origin 49



Origin 61



Operation

MIDI / SELECT button

MIDI / SELECT button enable you to change keyboard from Edit Mode to Normal Mode or from Normal Mode to Edit Mode.

When press MIDI / SELECT button, it enter Edit Mode, Data Display shows **SEL**. That means you can choose a command to change setting. After press a relevant key of command and press “Enter” to complete setting, Data Display shows **---** that means it is successful in changing setting. If Data Display shows **Err** that means invalid inputs, please input parameters again.

Please kindly note that saving Preset Group and Velocity Curve setting have been done via changing keyboard from Edit Mode to Normal Mode.

MIDIPLUS ORIGIN SERIES provides several groups of MIDI commands and here will show you how to concretely use them :

Pitch Bend Wheel

The Pitch Bend wheel is used for raising or lowering the pitch of a voice during performance. The range of pitch numeric value depends on the sound generator (sound card or module) being used. Please refer to the manuals of your devices for information on how to change the Pitch Bend range. To bend the pitch up, please move the wheel away from you. To bend the pitch down, please move the wheel towards you.

Modulation Wheel

It is very common to use the modulation wheel to change the intensity of effects: mainly Vibrato (pitch change), Tremolo (change the volume), and Modulation (change the tone). The Modulation wheel produces a vibrato effect shortly after the sound is generated. It is most effective for voice such as Saxophone Strings and Oboe.

Data Entry Slide

This controller is used to enter numeric value while editing and as an assigned CC controller while playing. In normal mode, This slide controller allows you to adjust Volume, Reverb, Pan pot (Origin 49 and 61 have this function but Origin 25), and