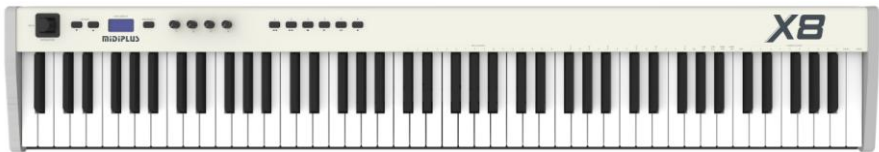


# MIDIPLUS

## X Series MIDI Keyboard

### Owner's Manual



## 1.1.1 Preface

Thank you for purchasing **MIDIPLUS** X series MIDI keyboard. X series MIDI keyboard have various functions which are easy to apply. Connect a USB cable from PC software to X series MIDI keyboard, you can enjoy the fun of music creation at any time. This manual can help you to understand X series MIDI keyboard's functions and the method of operation rapidly, please to preserve the manual well so that you can consult more convenient.

## 2.1.1 Safety Attentions

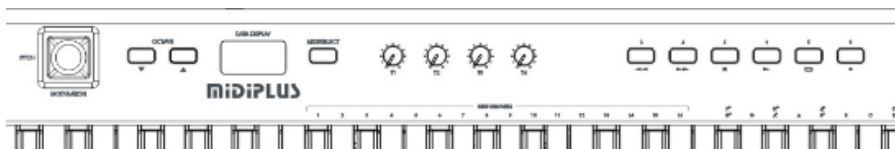
Please pay attention to the following details, avoiding device damage or cause personal injury.

1. Don't put or use the device in moist environment, such as bathroom, swimming pool etc.
2. Don't put the device under the direct solar radiation or in high temperature environment, such as the place near the radiator, heating sheet metal.
3. According to the specification requirement when using external power supply.
4. Please switch off external power, if you don't use the device for a long time.
5. Don't let small metal objects drop into the device, avoid to cause internal short circuit.
6. Don't open the device by yourself, you should consult relevant professionals.
7. Don't Prolonged power up the device.
8. Children should learn the safety items under adult's direction.
9. Don't let the device near to the radio, loudspeaker, television and other equipment when you are using it, avoid to cause electromagnetic interference.
10. Don't use petrol, alcohol or other solubility of solvent to clean the device, avoid to cause device damage. Scrub device in a dry or slightly damp cloth, please unplug the external power supply and USB cable, avoid to cause electric shock.
11. Please unplug external power plug when you don't use the external power supply.
12. Please place this device in a safe place, forbid to drop or throw the device.
13. Don't use this device in the thunderstorm weather, avoid to cause a lightning strike.

### 3.1.1 Product's Features

- X series MIDI keyboard have 61/88 dynamic keys.
- USB computer power supply,no external power supply needed.
- Plug and play,requires no driver installation.
- Connect a USB cable to the computer to form your own creation system rapidly.
- New joystick controller controls Pitch and Modulation.
- With mode toggle keys MIDI/Select and Octave tongue keys.
- 4 editable knob controllers(default):1.Volume 2.Pan 3.Expression Controller 4.Reverb.
- Providing 6 conventional tape transport functions and editable keypad controller.
- A MIDI OUT interface send MIDI data to the computer or used as a MIDI controller.
- Providing a sustain interface.

### 4.1.1 Operation Instructions

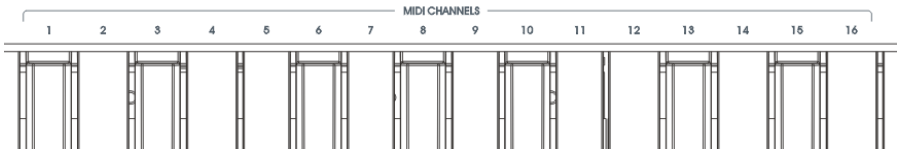


### 4.2.1 MIDI/SELECT Button:Play Mode and Ancillary Function Edit Mode Toggle Button

Keys in default play mode when booting, each of the keys corresponding to the corresponding notes.Pressing the MIDI/SELECT button calls up ancillary function edit mode (the button's indicated lamp lights up, display shows "SEL"),each of the keys corresponding to the function marking above them.Press the MIDI/SELECT button in ancillary function edit mode, the keys return to play mode.

## 4.2.2 Ancillary Function In Edit Mode:

### 1. MIDI CHANNELS(1~16):The Keys of Channel Selection

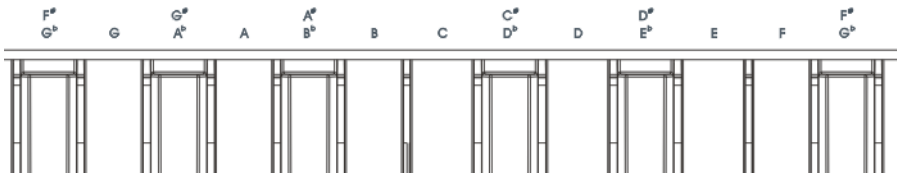


Optional channels:1~16

Operation example:Select channel 10.

- (1) Press MIDI/SELECT button calls up ancillary function edit mode.(indicated lamp lights up,display shows“ $5EL$ ”)
- (2) Press the MIDI CHANNELS keys numbered "10",the display shows the selected key channel number "10 ",Indicated lamp blows out,at this point the selected keys channel effect.

### 2. Modified Tone Selection

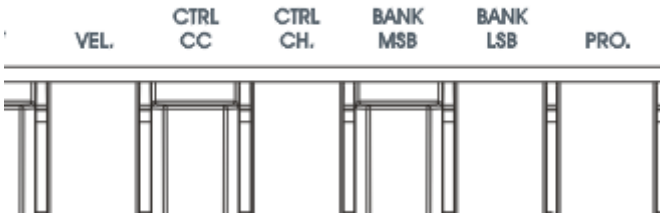


Change the white keys for the required melody.

For example: select the A transfer operation

- (1) Press MIDI/SELECT key to enter ancillary function edit mode.(indicator lamp lights, display“ $5EL$ ”)
- (2) Press the key labeled "A ", the display shows“ $b03$ ”. (indicator lamp blows out, at this time the selected modified tone effect)

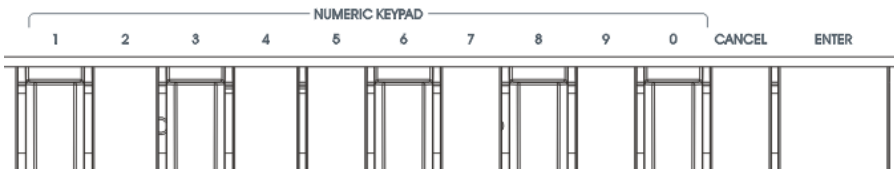
### 3. Other Keys's Ancillary Functions.(Such features are motorized after Adjusted)



- (1) VEL:Key velocity Sensitive Curve selection:(adjustment range:1~8).
- (2) CTRL CC:CC Controller selection (adjustment range:0~138).
- (3) CTRL CH:Controller control the channel selection (adjustment range:1~17).
- (4) BANK MSB:Timbre bank 10 digits adjustment (adjustment range:0~127).
- (5) BANK LSB:Timbre bank single digits adjustment (adjustment range:0~127).
- (6) PRO:Timbre selection (adjustment range:0~127).

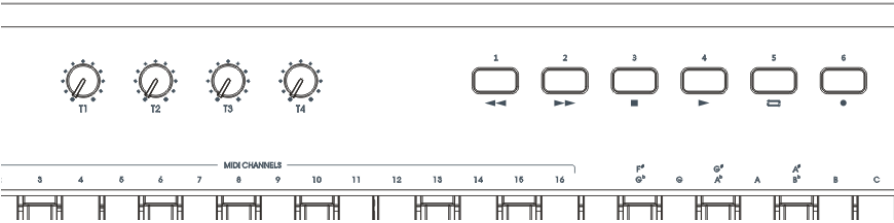
Note:CTRL CC (CC selection) function for details please check 6.1.1(table II:CC Controllerlist).CTRL CH Select 17 (control channel),the controller is configured as a global channel,the channel will automatically follow the keys Channel.

### 4. NUMERIC KEYPAD,CANCEL and ENTER:



Used to configure "ancillary function of other keys" with digital input, delete and confirm.

## 4.3.1 The Configuration and Function Selection of Knob and Button Controller



Default function of knobs:

T1 Knob:Volume

T2 Knob:Pan

T3 Knob:Expression Controller

T4 Knob:Reverb

Button controller(1-6) defaults to MMC tape transport control function.

For you can use the tape transport button more conveniently,we have preinstalled 3 set of tape transport buttons.

1. MMC tape transport control function (default):Configure arbitrary buttons CC function to 136 became MMC tape transport control function.
2. Switch type controller:Configure CC function of random button controller to 137 became switch type controller.
3. Instanttype controller:Configure CC function of random button controller to 138 became instant type controller.

Note:Since the tape transport data received by each software is different,part of software will not be able to use MMC tape transport function.

### 4.4.1 Operation Examples:

Operation example 1:Configure key's velocity curve to"1".

- (1) Press MIDI/SELECT button,enter into ancillary function edit mode.(indicated lamp lights up,display shows"SEL")
- (2) Press the key with label"VEL",display shows current controller's velocity curve Number,the default factory setting of velocity curve is"5".
- (3) Through right "NUMERIC KEYPAD" below the mark number keys, input "1", then press "ENTER" label corresponding to the keys for confirmation, display

shows "SEL".

- (4) Press "MIDI/SELECT" button again to return performance mode. Indicated lamp blows out, display shows key's channel number. (Current velocity curve is changed to "1", also will be remembered)

Operation example 2: Configure knob controller "T1" used to "CC9(REVERB)" effect control.

- (1) Press MIDI/SELECT button, enter into ancillary function edit mode. (indicated lamp lights up, display shows "SEL")
- (2) Press the key with label "CTRL CC", display shows current controller's CC number.
- (3) Rotate "T1" knob, T1 should be displayed "7" in condition of default.
- (4) Through right "NUMERIC KEYPAD" below the mark number keys, input "91", then press "ENTER" label corresponding to the keys for confirmation, display shows "SEL".
- (5) Press "MIDI/SELECT" button again to return performance mode. Indicated lamp blows out. (Current optional CC91(REVERB) function of knob "T1" is Remembered)

Operation example 3: Configure knob controller "T1" used to control channel 10.

- (1) Press MIDI/SELECT button, enter into ancillary edit mode. (indicated lamp lights up, display shows "SEL")
- (2) Press the key with label "CTRL CH", display shows current controller's channel number.
- (3) Rotate "T1" knob, "T1" should be displayed "17" in condition of default.
- (4) Through right "NUMERIC KEYPAD" below the mark number keys, input "10", then press "ENTER" label corresponding to the keys for confirmation, display shows "SEL".
- (5) Press "MIDI/SELECT" button again to return performance mode. Indicated lamp blows out. (Current optional control channel of knob "T1" is remembered)

Operation Example 4: Set the PROGRAM Timbre to 123.

- (1) Press MIDI/SELECT button, enter into ancillary edit mode. (indicated lamp lights up, display shows "SEL")
- (2) Press the key with label "PRO", display shows current Timbre number.
- (3) Through right "NUMERIC KEYPAD" below the mark number keys, input "123",

then press "ENTER" label corresponding to the keys for confirmation, display shows "SEL".(current PROGRAM takes effect)

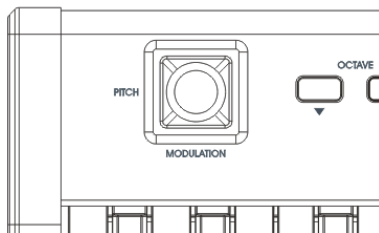
- (4) Press "MIDI/SELECT" button again to return performance mode. Indicated lamp blows out, display shows channel number. (Current PROGRAM value is Remembered)

Operation Example 5: Set button controller "1" to send CC data "51".

- (1) Press MIDI/SELECT button, enter into ancillary edit mode. (indicated lamp lights up, display shows "SEL")
- (2) Press the key with label "CTRL CC", display shows current controller's CC number.
- (3) Press knob "1", "1" should be displayed "134" in condition of default.
- (4) Through right "NUMERIC KEYPAD" below the mark number keys, input "51", then press "ENTER" label corresponding to the keys for confirmation, display shows "SEL".
- (5) Press "MIDI/SELECT" button again to return performance mode. Indicated lamp blows out. (Current optional CC function is remembered)

**Note: Data in memory still be kept in the next boot.**

## 4.5.1 (Joystick) Rocker Controller

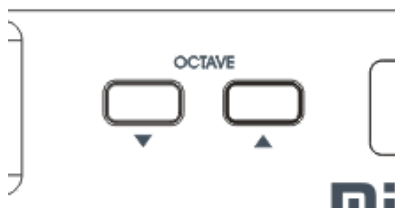


1. Pitch Bend wheel (make the rocker slide left and right)  
Use Pitch Bend rocker to modulate the effect of bend sound: Slide to right, the pitch rise; slide to left, the pitch down.
2. Modulation wheel (make the rocker slide up and down)  
Use Modulation rocker to modulate the effect of tremolo: Slide upwards



and tremolo increase,slide down tremolo decrease.

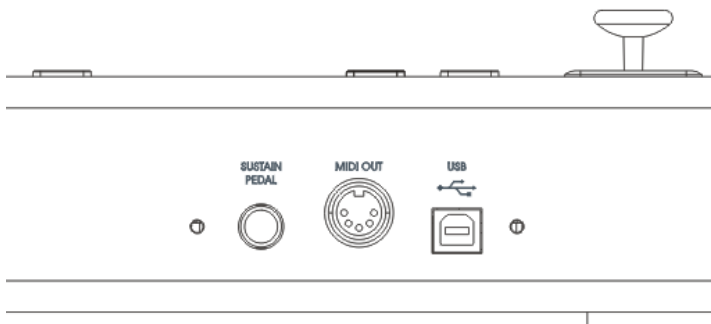
3. OCTAVE modulation (X6:-2~+2,X8:-1~+1):OCTAVE modulation optional operation:Regulating directly through the "OCTAVE" button, press the two buttons at the same time to restore the default eight degrees.



## 4.6.1 Restore Factory Settings:

1. Disconnect the power supply,the keyboard is in the shutdown state.
2. Press the two buttons of "OCTAVE" at the same time.
3. The USB cable is connected, the device starts,the display show "rE5", 3 seconds later undo button to restore the factory settings.

## 5.1.1 Rear Panel Interface



### SUSTAIN PEDAL INTERFACE

Access the sustain pedal to the interface as needed.

## MIDI OUT INTERFACE

X series MIDI keyboard equipped with a standard MIDI OUT interface, MIDI OUT interface can send MIDI data to other devices.

## USB INTERFACE

Used for X series MIDI keyboard and computer's connection, transmit information conveniently, also can provide the power to the device through this interface.

# 6.1.1 Attached List

## Attached List 1:Specifications Table

PRODUCT SPECIFICATION	
Production name	X6/X8
Keyboard	(61/88 velocity sensitive keys)
Display	3 digit LED screen display
Button	MIDI/SELECT,octave group,editable tape transport group
Knobs	T1~T4 editable knobs controller
Jacks	USB interface,MIDI OUT,sustain pedal
Maximum Polyphony	64 notes
Accessory	USB cable,operation instruction
Weight	X6:4.75KG,X8:6.55KG
Size	X6:889*78*215 X8:1267*78*215

## Attached List 2:CC Controller List

0	Bank Select MSB	40	Balance Control(Fine Tuning)
1	Tremolo Depth(Coarse Tuning)	41	N/A
2	Breath Controller(Coarse Tuning)	42	Pan Modulate(Fine Tuning)
3	N/A	43	Expression Controller (Fine Tuning)
4	Pedal Controller(Coarse Tuning)	44	Effect FX Control 1 (Fine Tuning)
5	Portamento Velocity(Coarse Tuning)	45	Effect FX Control 2 (Fine Tuning)
6	MSB Data Input	46-63	N/A
7	Main Volume(Coarse Tuning)	64	Hold Pedal1 (Sustain Pedal)
8	Balance Control(Coarse Tuning)	65	Portamento
9	N/A	66	Sostenuto
10	Pan Modulate(Coarse Tuning)	67	Soft Pedal
11	Expression Controller(Coarse Tuning)	68	Portamento pedal controller
12-15	N/A	69	2Hold pedal2
16-19	General Purpose Controller	70	Transpose
20-31	N/A	71	Timbre
32	Interface Select	72	Release sound value
33	Tremolo Velocity(Fine Tuning)	73	Attack sound value
34	Breath Controller (Fine Tuning)	74	Bright sound
35	N/A	75-79	Voice control
36	Sustain Controller(Fine Tuning)	80-83	General Purpose Controller (#5-#8)
37	Portamento Velocity(Fine Tuning)	84	Portamento control
38	LSB Data Input	85-90	N/A
39	Main Volume(Fine Tuning)	91	Reverb Effects Depth

92	Undefined effects depth	124	Omni mode off
93	Chorus effects depth	125	Omni mode open
94	Undefined effects depth	126	Mono mode
95	Transposing Device Depth	127	Polyphony mode
96	Data Increment	128	Timbre select
97	Data Decrement	129	Aftertouch
98	NRPN LSB	130	Stop
99	NRPN MSB	131	Start
100	RPN LSB	132	Recycle
101	RPN MSB	133	Forward
102-119	N/A	134	Rewind
120	All Sound Off	135	Record Strobe
121	All Controllers Off	136	MMC tape transport button controller
122	Local Control On/Off	137	CC switch information button controller (CC: 52-56)
123	All Notes Off	138	Instant CC information button controller (CC: 57-62)

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