

# EMK-25

Easy MIDI keyboard

USER MANUAL v1.00

## WARNING

-  Before using this product, please read the following instructions and instructions for use.
-  Do not disassemble or modify the internal parts of this device by yourself. (Unless instructions for installing optional equipment are provided in this manual, follow User Installable Options.)
-  Do not attempt to repair or replace parts of this equipment (unless this manual provides instructions for installing optional equipment).
-  Do not place this equipment in the following locations:
  - a. Locations with excessively high temperatures (such as in closed vehicles in direct sunlight, near heat transfer pipes, or above heat-generating machines)
  - b. Wet places (such as bathrooms, toilets, supermarket floors, etc.)
  - c. Places directly exposed to rain
  - d. Dusty places
  - e. Places with strong vibrations
-  Make sure to place the device on a flat surface to ensure it is stable. Do not place this device on a stand where it may shake or in a slanted location.
-  Please use the data cable provided with this device. Do not use the attached data cable with other devices.
-  Do not twist or bend the cable excessively, and do not place heavy objects on it. Doing so may damage the connecting wires and cause components to break and short-circuit. Risk of fire and electric shock from damaged wires!
-  Whether using this product alone or in conjunction with amplifiers, speakers, or headphones, excessive volume may cause permanent hearing damage. Do not use it at excessive volume or any volume that will cause discomfort for a long time. Seek medical attention promptly if you experience any hearing loss or ringing in your ears.
-  Do not drop or infiltrate any items such as (flammables, coins, pins, etc.) or any liquids (such as water, beverages, etc.) into the device.
-  Immediately turn off the power and unplug when the following occurs:
  - a. a. Broken AC adapter, power cord or plug
  - b. b. Smoke or odor occurs
  - c. c. The device is directly exposed to rain (or wet)
  - d. d. The device does not operate normally or exhibits significant changes in performance
-  Be careful with children in the home. Adults should supervise the behavior of children until they are competent to follow the necessary safety instructions to operate this equipment.
-  Avoid strong collisions. (Do not fall! )
-  Do not share an outlet with too many electrical appliances with this product. When using the extension cord, please pay special attention to all the devices you connect to the extension cord, and the total power must not exceed the power that the extension cord can withstand. Overloading the power source can cause the wires to heat up and dissolve the insulation that coats the wires.
-  Please place this device in a location or direction that does not interfere with its good ventilation.
-  When inserting or unplugging the plug of the USB cable, hold the insulated plug part of the device cable by hand.
-  From time to time, you must unplug the cable and wipe and remove dust accumulated on the plug with a dry cloth. When the device is not in use for a long time, please also unplug the cable from the interface. Dust deposits between the plug and the connector may cause poor insulation and cause a fire.

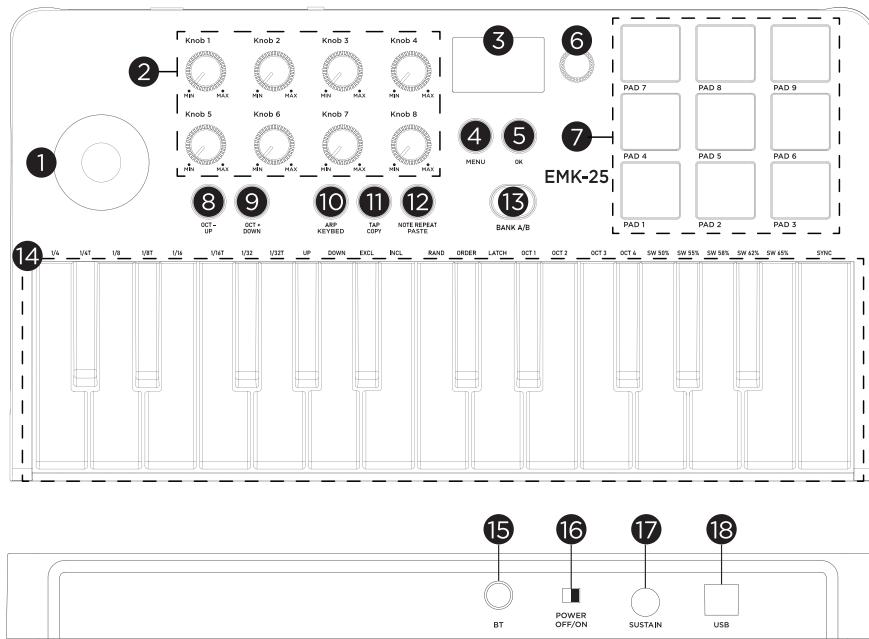
## WARNING

-  Avoid entanglement of connecting wires and various wires. Also, keep children away from power cords and wires.
-  Do not step on the device and do not place heavy objects on the device.
-  When your hands are wet, do not handle the device or plug or unplug the cable from the connector.
-  Before moving the device, unplug the cables and any external device cables connected to the device.
-  Before cleaning the device, turn off the power and unplug the cable from the outlet.
-  If there is a possibility of lightning strikes in your area, please unplug the power plug.
-  Please place the screw in a safe place out of the reach of children to prevent accidental swallowing by children.

## CAUTION

- Do not share the same power outlet with other inverter-controlled appliances (such as refrigerators, washing machines, microwave ovens, or air conditioners) or electrical appliances with motors. Depending on how electrical equipment is used, the power supply noise may cause the equipment to malfunction or generate noise.  
If a separate power outlet is not available, install a power noise filter between the device and the power outlet.
- Before connecting to other devices, please turn off the power of all devices to prevent damage or malfunction of speakers or external devices.
- Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- NOTE:  
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- FCC Statement:  
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
- RF exposure compliance statement:  
This device complies with FCC RF radiation exposure requirement set forth for an uncontrolled environment. this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## Panel introduction



1. Joystick
2. Custom Knob
3. Screen
4. [MENU] menu key
5. [OK] Confirmation key
6. Selection knob
7. Pads
8. Default function: [OCT-] MENU interface: [UP]
9. Default function: [OCT+] MENU interface: [DOWN]
10. Default function: [ARP]
- MENU interface: [KEYBED]
11. Default function: [ARP]
- MENU interface: [COPY]
12. Default function: [NOTE REPEAT] MENU interface: [PASTE]
13. [BANK A/B] switch pad group
14. Keyboard
15. BT wireless connection switch (optional)
16. Power switch
17. 6.35mm pedal interface
18. Type-B USB interface

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## basic skills

### 1. Turn on/off the MIDI keyboard

- ◇ Connect the Type-B USB port or use three AA alkaline batteries (use the USB connection and battery at the same time, the USB will be used first for power supply), turn the power switch to "ON", and turn on the MIDI keyboard.

### 2. Switch preset parameter groups

- ◇ A total of 20 different parameter groups can be set on the MIDI keyboard.
- ◇ 8 groups of parameter groups are preset, and users can customize 12 groups of parameter groups.
- ◇ Use the selection knob to switch preset parameter groups.

### 3. rocker

- ◇ Move the joystick left and right to transmit MIDI pitch slide information to lower or raise the pitch of the note.
- ◇ Move the joystick up and down to transmit controller data, the default is CC#1, modulation depth.
- ◇ Tip: If the joystick is seriously disturbed or the joystick is reset but the value is not reset, you can press and hold the [ARP] key to enter the Arpeggio parameter modification interface, and then press the [OK] key 10 times continuously to verify the joystick.

### 4. custom knob

- ◇ Send specific MIDI control information.
- ◇ In the MENU interface, you can set the working mode and MIDI Channel of each knob.

### 5. pad

- ◇ The pads can be used to send the MIDI messages of the pads, which can be used as Note, CC commands, and Program Change values.
- ◇ The pad works in Note mode with Aftertouch function.
- ◇ You can modify the working mode and MIDI Channel of the pad in the setting interface.

### 6. Octave switch

- ◇ Up or down switch the octave button, each press can increase or decrease an octave, the default value is 0.
- ◇ Press the [OCT-] key to decrease one octave, the indicator light of the button will light up once; press the [OCT-] button twice to decrease two octaves, the indicator light of the button will flash 2 times; octaves, the indicator flashes up to 4 times.
- ◇ Press the [OCT+] key to add one octave, the key indicator will light up once; press [OCT+] twice to add two octaves, the key indicator flashes twice; and so on, up to four octaves can be added sound, the indicator flashes up to 4 times.

### 7. Metronome

- ◇ When the [ARP] or [NOTE REPEAT] function is turned on, the [TAP] indicator will flash at the current metronome tempo.
- ◇ When using the built-in metronome, press the [TAP] button continuously at a certain tempo to modify the tempo of the metronome.
- ◇ When the MIDI keyboard selects to synchronize the external metronome, the [TAP] indicator will flash according to the external metronome tempo.

### 8. arpeggiator

- ◇ Press the [ARP] key to turn on the arpeggio function, and the [ARP] indicator lights up; press [ARP] again to turn off the arpeggio function, and the [ARP] indicator turns off.
- ◇ While holding down the [ARP] key, press the key, and the parameters of the arpeggio will be modified according to the function above the key.
- ◇ When using the built-in metronome, hold down the [ARP] key and use the selection knob to modify the speed of the built-in metronome.

### 9. Note Repeat

The function only takes effect when the pad is set to Note.

- ◇ Press the [NOTE REPEAT] button to enable the Note Repeat function of the pad, and the [NOTE REPEAT] indicator lights up; press the [NOTE REPEAT] button again to disable the Note Repeat function, and the [NOTE REPEAT] indicator goes out.
- ◇ When the Note Repeat function of the pad is enabled, press and hold the pad, and the pad will repeatedly send the MIDI code value of the pad according to the note length and velocity parameters set by the arpeggiator, and the velocity value is the strength you currently press the pad.

### 10. BANK A/B

- ◇ The corresponding pads of group A are PAD1-PAD9; the corresponding pads of group B are PAD10-PAD18
  - ◇ Press the [BANK A/B] key to switch the pads to group A (orange indicator light) or group B (green indicator light)
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## 11. Wireless connection function

Press the wireless connection button to turn on the wireless connection function; press the wireless connection button again to turn off the function.

After the wireless connection function is turned on, the indicator light flashes. At this time, you can use mobile phones, computers and other devices to search for "MIDI KeyBoard-01" and establish a connection. After the connection is successful, the wireless connection indicator light is always on.

## 12. Pedal Interface (SUSTAIN)

When a pedal is connected, MIDI messages are sent when the pedal is operated.

### Preset parameter editing

#### 1. Modify custom knob parameters

In the MENU interface, turn the custom knob to be modified to jump to the setting interface of the corresponding knob, use the [UP] and [DOWN] keys to select a parameter, and then use the selection knob to modify the parameter value.

The working mode of the knob can be modified:

◇ When the working mode of the knob is CC command:

- ① You can set the MIDI Channel for the knob to send MIDI.
- ② You can set the knob to send MIDI-controlled CC commands.
- ③ The maximum and minimum values of the CC instruction can be set.

◇ When the working mode of the knob is Aftertouch:

- ① You can set the MIDI Channel when the knob sends MIDI.
- ② You can set the maximum and minimum values of the knob to send Aftertouch.
- ③ Aftertouch can be set to Key Aftertouch or Channel Aftertouch.

◇ Modify pad parameters

In the MENU interface, hit the pad you selected to jump to the corresponding pad setting interface, use the [UP] and [DOWN] keys to select parameters, and then use the selection knob to modify the parameter values.

The working mode of the pad can be selected:

◇ When the working mode of the pad is Note, hit the pad to send the key value MIDI code.

- ① You can set the MIDI Channel of the pad.
- ② You can set the key value of the pad.
- ③ You can set the velocity curve of the pad.
- ④ You can set the Aftertouch of the pad as Key Aftertouch or Channel Aftertouch.

◇ When the working mode of the pad is CC N, each time the pad is struck, a CC command is sent.

- ① The MIDI Channel of the CC command can be set.
- ② The CC value of the CC instruction can be set.

◇ When the working mode of the pad is CC Toggle, the value of Toggle on corresponding to the CC command is sent when the pad is hit, and the value of Toggle off corresponding to the CC command is sent when the pad is hit again.

- ① The MIDI Channel of the CC command can be set.
- ② The CC value of the CC instruction can be set.
- ③ You can set the value of Toggle on and Toggle off.

◇ When the working mode of the pad is CC Momentary (CC M), when the pad is struck, the Pressed value corresponding to the CC command will be sent instantly when the pad is pressed; the Released value corresponding to the CC command will be sent when the pad is released.

- ① The MIDI Channel of the CC command can be set.
- ② The CC value of the CC instruction can be set.
- ③ You can set the value of Pressed and Released.

◇ When the pad working mode is Program Change:

- ① You can set the MIDI Channel of Program Change.
- ② The value of Program Change can be set.

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### 3. Modify joystick parameters

In the MENU interface, shake the joystick up and down or left and right to jump to the joystick setting interface, use the [UP] and [DOWN] keys to select parameters, and then use the selection knob to modify the parameter values.

### 4. Modify the pedal (Sustain) parameters

In the MENU interface, step on the pedal to jump to the pedal setting interface, use the [UP] and [DOWN] keys to select parameters, and then use the selection knob to modify the parameter values.

- ① You can set Sustain's MIDI Channel.
- ② The CC command value of Sustain can be set.
- ③ You can set the value of Pressed and Released.

### 5. Modify the parameters of Keybed

In the MENU interface, press the [KEYBED] key to jump to the Keybed setting interface, use the [UP] and [DOWN] keys to select parameters, and then use the selection knob to modify the parameter values.

- ① You can set the MIDI Channel of the Keybed.
- ② You can set the value of Keybed's Transpose, transpose up or down, and you can transpose up to 12 semitones.
- ③ You can set the velocity response curve of the Keybed.
- ④ You can set the value of Octave.

### 6. Copy and paste pad parameters

In the MENU interface, you can copy and paste the pad parameters. For example, after modifying the parameters of PAD1, you can copy the parameters of PAD1, and then paste them to other PADS for use as parameters.

In the MENU interface, hit the pad you want to copy, then use the [COPY] key to copy the parameters of the pad, the pad indicator flashes three times and then goes out; hit the pad you want to paste, then press the [PASTE] key to paste For the copied pad parameters, the pad indicator flashes three times and then turns off.

## reset

In the non-MENU interface, press and hold the [OK] button for 5s, a reset dialog box will pop up, use the selector knob to select Yes, and then press the [OK] button to reset; if the reset operation is canceled, you can select No, and press the [OK] button to exit this interface .

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