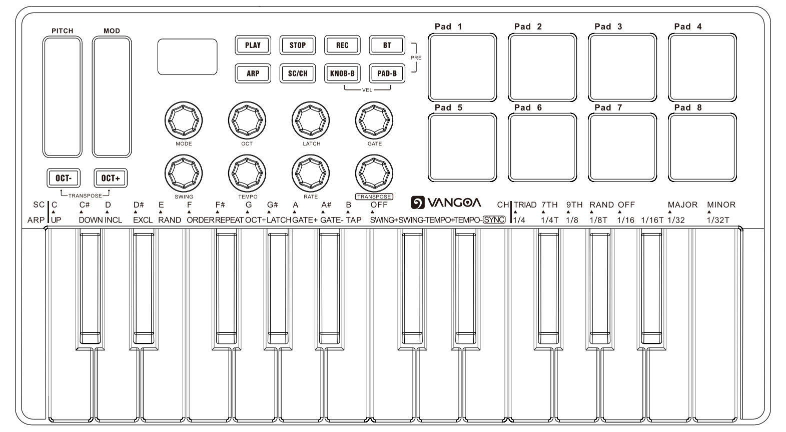
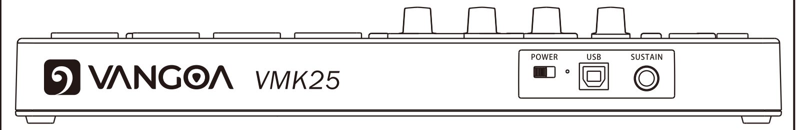
VANGOA

USER MANUAL

VMK25





Ⅰ.Packing list

■VMK25 Midi Keyboard;
■USB connection cable;
■User manual;

Ⅱ.Making the connection

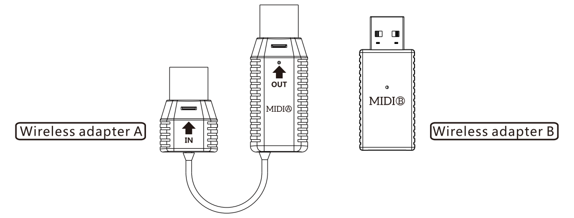
■USB Connection : Plug the cable through the USB port to the Windows/Mac it will automatic be recognized , When plug into Windows/Mac the VMK25 will be charging at the same time;
(Red light : charging , Green light :charging complete)

■Wireless Connection : Press and hold the BT button, when the light flashing the wireless function is activated , when the light stay on was connection successfully;

■Wireless Adapter : Plug Wireless Adapter B into Windows/Mac, connection was successfully when both lights stay on;

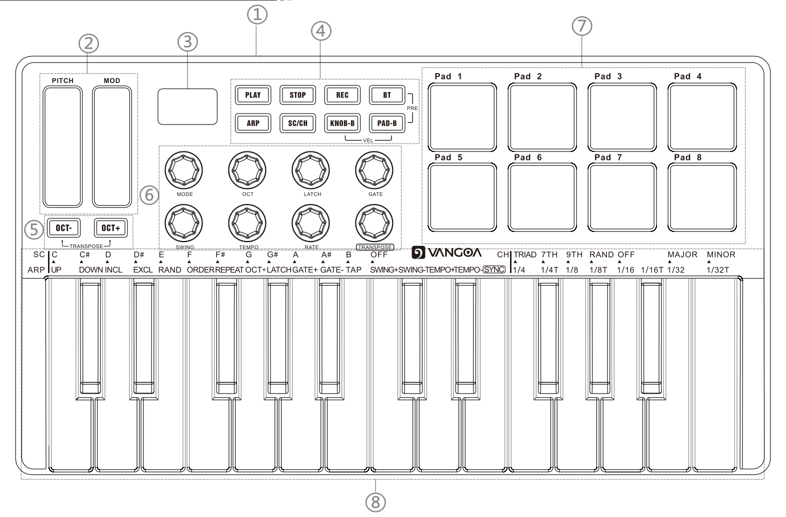
■Direct Wireless : Activated BT function of Windows/Mac/ios/Android, Select VMK25 on the list （Windows users need BT 5.0 and extra BLE Midi Driver）;

■MIDI OUT Connection:
Cable Connection : Change the Pedal mode setting in software form Pedal to MIDI OUT , When it’s done , the Port in back of the keyboard can use as a MIDI OUT port to connecting to device such as hardware synthesizer;
Wireless connection : Use Five-Pin wireless MIDI adapter A connecting to device such as synthesizer or other device that support MIDI IN;



Note : Wireless Adapter A and B are not within the package need to buy additionally;
Low battery notification: The digital segment display will flash when there is insufficient power supply for keyboard;

Ⅲ.Functions

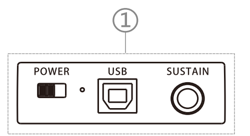


①Back of keyboard

Power : Switch to turn on/off the midi keyboard;

USB : USB-B Connection port;

Sustain : 1/4 inch sustain pedal connection port;

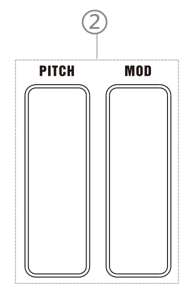


②Pitch Stripe and Modulation Stripe

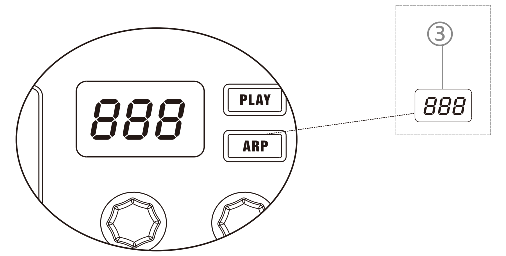
Pitch Stripe : Slide the pitch stripe up and down to control the pitch bend, the center position is the original pitch of the sound, lift the finger up will release the sound to the original pitch.

Modulation Stripe : Slide the modulation stripe send continuous Midi CC message;

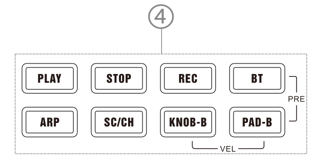
Note : (You can assign the Modulation stripe use the Midi Learn function of Daw)



③ Display area;



④ Button area;



PLAY : Control the Play function of the Daw;

STOP : Control the Stop function of the Daw;

RECORD : Control the Record function of the Daw;

Note:To use Transport control needs to Select the presets within the keyboard and set up inside Daw correctly;

BT : Press and hold the BT button to connect the midi keyboard with the receiver or your phone, when the light flashing still the keyboard was connected to the receiver or your phone successfully;

ARP : Press the Arp button to enable arpeggiator mode , press and hold the Arp button and press the key to adjust the settings of arpeggiator;

(Go through more details in Arp instructions)

SC/CH : Press the button to enable smart scale/chord mode, Smart scale allows you to constrain the notes you playing on the keyboard to a specified scale. Smart chord make every single note you playing become a chord which root note is the key you pressed;

(Go through more details in Smart Scale/Chord instructions)

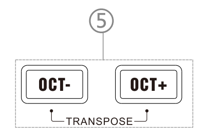
KNOB-B : Press the button to switch from Knob 1-8 to Knob 9-16;

PAD-B : Press the button to switch from Pad 1-8 to Pad 9-16;

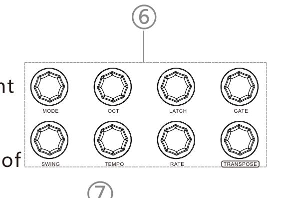
KNOB-B+PAD-B: Hold this two button together to edit the velocity curve of the key and the pad;

BT+PAD-B: Select presets inside the keyboard;

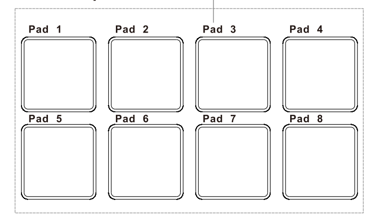
⑤ Oct+,Oct-
This two buttons adjust the pitch range of the keyboard,
Hold OCT+/OCT- and rotate the Transpose Knob to Shift the Pitch by one note per step;
Higher the octave range of keyboard , faster the light of the OCT+button will flashing;
Lower the octave range of keyboard , faster the light of the OCT- button will flashing;
Press the oct+, oct- simultaneously to reset the octave range to the original position;



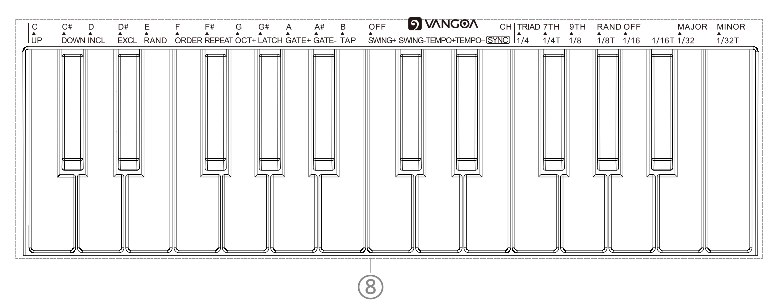
⑥ Knobs
Eight assignable 360-degrees rotary encoders;These eight knobs can also send Aftertouch , Midi CC ,Pitch information through setting inside software
Hold Arp button and rotate the knob to change settings of Arp , for more details check the Arpeggiator instructions;
Note: You can only change settings inside software;



⑦ Pads
Eight RGB back-lit pads with velocity-sensitive & aftertouch;
Include Note , Midi CC , Program Change;
Note: You can only change settings inside software;



⑧Keys
Twenty-five velocity-sensitive keys, hold the ARP,SC/CH button and press the key to change different settings of corresponding mode;



Ⅳ.Arpeggiator instructions

Arpeggiator Types(Up,Down,Incl,Excl,Random,Order,Repeat)

Press and hold the Arp button or Press the button and rotate the knob to change the way arpeggiator work based on BPM/Tempo;

Up : The pressing notes will play from the lowest to highest;

Down : The pressing notes will play from the highest to lowest;

Incl : The pressing notes will play from the lowest to highest ,and then back down, The lowest and highest notes will sound twice;

Excl : The pressing notes will play from the lowest to highest ,and then back down, The lowest and highest notes will sound just once;

Random : The pressing notes will play randomly as they were pressed;

Order : The pressing notes will play in order as they were pressed;

Repeat : The pressing notes and the pads will play repeatedly;

Oct+ : Shift the octave range of arpeggiator, press the key four time will back to init octave range;

Latch : The arpeggiator will still arpeggiated even when you lift your fingers;

Gate+, Gate - : Set the length of each note has been arpeggiated;

Tap: Tap the key to adjust the tempo of arpeggiator (Display area show the BPM);

Swing+, Swing : Set the deviation of notes , longer the Swing amount , the playing sounds will be more groovy;

Tempo+, Tempo- : Set the tempo of the arpeggiator . you can hold the tempo+/tempo- to continuously increase the amount;

Sync: Synchronized the tempo to the DAW , To activated SYNC you need to enable external Midi Controller sync function inside DAW;

Note : When Sync is activated , Tempo+,Tempo-,Tap, function are invalid;

Time division : Set the rate of arpeggiator based on the tempo, (1/4, 1/4T, 1/8, 1/8T, 1/16,1/16T, 1/32, 1/32T);

Ⅴ.Smart Scale/Chord instructions

Smart Scale Mode:

Select the scale : Hold the button and press the notes C-B to select the scale;

Major/Minor : When set to the selected scale , hold the button and press the major/minor to determined weather it is a major scale or minor scale;

For example : If you want to select C minor scale , hold the button and press the C on the left side of keybed and Minor on the right side of keybed ,After setting correctly all the keys that been played will be fit in the C minor Scale;

To exit out of the smart scales mode press the off on the left side of keybed;

Note: If Smart Chord mode was activated, Then it will just exit out of Smart Scale mode preserve the Smart Chord mode;

Smart Chord Mode :

Chord Types : Press the notes on the keybed (Triad , 7th ,9th , Random) to select the type of chord;

Major/Minor : Press the notes (Major, Minor) to select weather it’s a major/minor chord;

Scale : Press the notes on the keybed（C-B）to select the scale of chord;

To exit out of the smart chord mode press the off on the right side of keybed;

Note: If Smart Scale mode was activated,Then it will just exit out of Smart Chord mode preserve the Smart Scale mode;

For example : If you want to play the chords all fits in C minor scale , hold the button and press the note on the right side of keybed, then select the types and tonality of chord;

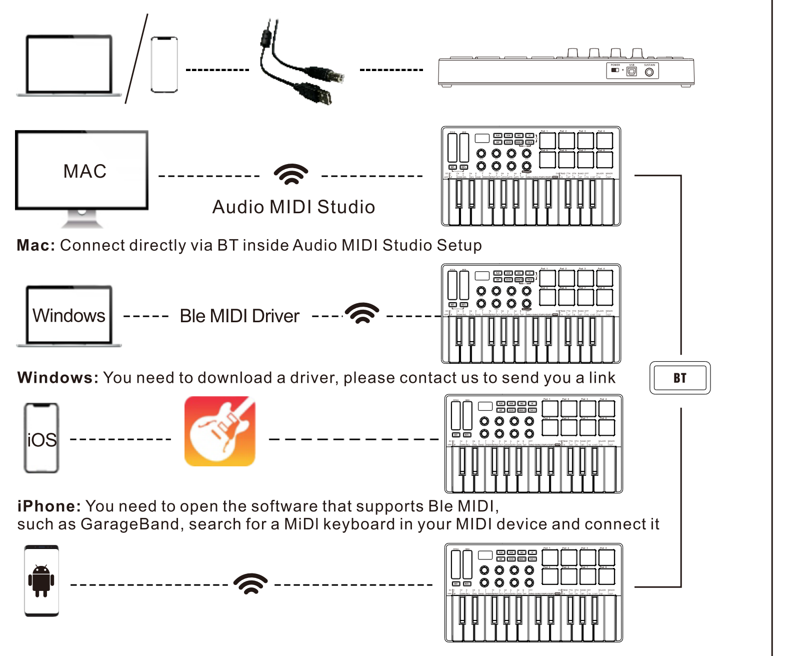
Ⅵ.Technology Parameters

Product Dimensions	321mm(L) x 178mm (W)x 46mm(H)
Product Weight	750g
Keys	Twenty-five velocity-sensitive keys;
Pads	8 RGB Back-Lit Pads with velocity-sensitive and after touch;
Knobs	8 assignable endless 360 degree encoders;
Touch Stripes	Capacitive touch-stripes pitch bend & Modulation control
Output	1/4 inch Sustain pedal connection port; USB-B port; Wireless connection with Windows/Mac/ios/Android; Wireless Midi Out Function （Need extra wireless midi device）
Power	2000mAh Battery supplied or USB-bus-powered

Ⅶ.FCC Warning

★FCC Warning Statement Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment. 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.

Ⅷ.Connection method



Mac: Connect directly via BT inside Audio MIDI Studio Setup

Windows: You need to download a driver, please contact us to send you a link

iPhone: You need to open the software that supports Ble MIDI,
such as GarageBand, search for a MiDI keyboard in your MIDI device and connect it

Android: You need to open the software that supports Ble MIDI,
such as FL studio. search for a MiDI keyboard in your MIDI device and connect it

Ⅸ.Software Support(Scan the QR code to download the official software editor)