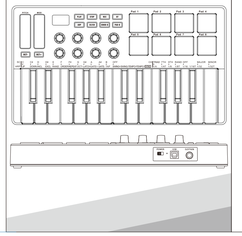
105.00 mm

150.00 mm

# 用户指南

## SMK-25



## 一包装清单

■SMK-25 MIDI键盘;
■USB连接线;
■用户指南;

## 二设备连接

**■有线连接：**通过USB线口连接移动设备或电脑终端（Windows/Mac），设备无需安装驱动可自动识别，同时设备将会自动充电；
（背面指示灯为红色为正在充电，指示灯为绿色为已经充满）；

**■无线连接：**长按设备区域4秒进行按键开启无线功能（按键灯光闪烁为待连接，常亮为连接成功）；

**无线适配器连接：**将适配器插入Windows/Mac，当键盘与无线适配器连接指示灯同时为常亮状态为连接成功；

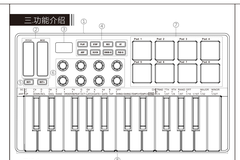
**无线直连：**开启Windows/Mac/ios/Android的蓝牙功能，菜单中选择SMK-25，配对成功后灯按键灯光常亮（Windows用户需蓝牙5.0及安装BLE MIDI驱动）；

**无线MIDI OUT连接：**使用键盘的无线功能配对五针MIDI口无线适配器A端用来控制合成器等支持MIDI In的设备；

**注：无线适配器A端与B端需另外购买；**



## 三功能介绍



**区域 ①**

**Power：**按动开关以开启或关闭MIDI键盘；

**USB：**USB-B型连接接口；

**Sustain：**6.5mm延音踏板输出接口；

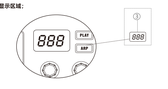
**区域 ② 触控区域**

**●弯音滑条：**用手指上下滑动该区域来调整弹奏声音的音高，中间区域为原点，松开手指后声音回到原始音高；

**●Modulation滑条：**手指滑动该区域发送连续的Midi CC信；

**注：可以使用音主软件中的Midi Learn功能来配置该区域；**

**区域 ③ 数码管显示区域：**




**区域 ④ 按键区域**

**PLAY：**控制键盘软件中的播放按键；

**STOP：**控制键盘软件中的停止按键；

**RECORD：**控制键盘软件中的录制按键；

**注：在按键按键按钮来选择可以控制软件按键并在在键盘软件中进行正确配置；**

**Bt：**长按开启无线功能，当灯闪烁时为未连接状态，灯常亮时为已成功连接至手机或无线接收器（接收端灯也为常亮）；

**ARP：**开启键盘功能，长按ARP功能按键加琴键来调整琶音的模式；
（具体功能介绍琴音琶音编辑说明）；

**SC/CH：**开启Smart Scale/Chord(智能音阶，和弦功能，长按SC/CH功能键加琴键来调整模式（具体功能介绍音量智能音阶/和弦编辑说明）；

**KNOB-B：**按下按键切换Knob1-8至Knob9-16；

**PAD-B：**按下按键切换Pad1-8至Pad9-16；

**KNOB+PAD-B：**同时按键进入力度选择模式，此时打击垫区域Pad1-4，Pad4-功能色，分别对应垫的种力度曲线与琴键的4种力度曲线，选择力度曲线后再同时按下按键退出力度选择模式；

**BT+ PAD-B：**按设选择模式；



**区域 ⑤ OCT+ , OCT-**

调整键盘琴键区域的音高，
按一次提升或降低一个八度（Octave）(12个半音 [semitone])；
长按住OCT+键打开闪烁速度最快，
音高范围最低OCT-键打开闪烁速度最快；
**注:同时按下OCT+和OCT-重置音高；**

**区域 ⑥ 踏板**

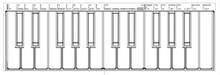
八组可分配的无线踏板，通过软件设置可调整不同的控制功能类型，包括AfterTouch，Midi CC；
**注：参数只可通过软件调整；**

**区域 ⑦ 打击垫**

八组拥有力度感应和触后功能的打击垫（可在软件中调节敏光颜色），通过软件设置可调整发送不同的信息类型，包含Note，Midi CC，Program Change；
**注：参数只可通过软件调整；**

**区域 ⑧**

琴键区域，琴键上方丝印内容为智能音阶，和弦模式下的功能选择按键，下方为琶音模式下的按键；
25个拥有力度感应的琴键，丝印为琶音/智能音阶/和弦模式下对应的功能选择；






## 四.琶音【Arpeggiator】编辑说明

**琶音类型（Up, Down, Incl, Excl, Random, Order, Repeat）**

按住琶音ARP功能键加琴键区域的琶音类型琴键来选择琶音演奏的模式，不同的演奏模式下琶音音阶是以设置的基于BPM每分钟节拍数）的时间间隔播放；

**Up：**按下的音符会按照音高从最低点至最高点，不重复音高音；

**Down：**按下的音符的音高从最高点降低至最低点，不重复音高音；

**Incl：**按下的音符会重复从最低点至最高点再降低至最低点，音音和高音重复两次；

**Excl：**按下的音符会重复从最低点至最高点再降低至最低点，不重复首位音；

**Rand：**按下的音符会按照随机的顺序播放；

**Order：**按下的音符会按照音符按下的顺序来播放；

**Repeat：**按下的音符会重复播放，此模式下打击垫区域会重复播放；

**Oct+：**调整琶音的八度，最高可提升三个八度，按三次后返回原始音高；

**Latch：**松开琴键后琶音器仍会运行，可在此模式下改变琶音的速率与不同的琶音类型；

**Gate+，Gate-：**调整琶音音符的长短（Length）；

**Tap：**通过敲击琴键调整琶音的BPM,按该琶音至BPM数值；

**Swing+，Swing-：**调整琶音音符的律动；

**Tempo+,Tempo-：**调整琶音的速率（Rate）,长按时可加速调整；

**Sync：**将琶音器的BPM与音主同步；

注：同步时TAP Tempo以及Tempo+和Tempo-无效，开启此功能需在使用的软件中开启同步功能；

时间间隔：

按下琶音功能按键加琴键处的（1/4, 1/4T, 1/8, 1/8T, 1/16, 1/16T, 1/32, 1/32T）调整琶音的速率（Rate）
注：默认情况下琶音的BPM由与键盘设置的Tempo/BPM（每分钟节拍数）同步,按下Sync前将速率调整与键盘设置的BPM同步；



## 五.智能音阶/和弦模式

**智能音阶模式(Smart Scale)：**

**音阶选择：**按住功能键加琴键丝印为C-B的琴键选择音阶；

**调性选择：**按住功能键加琴键丝印为Major/Mino的琴键选择大调或小调音阶；

**注： 未选择默认为大调音阶；**

**例如：按住音阶键C，松开C琴键再按下Major,此时弹奏的所有音符都会自动调至为C大调（C Major Scale）音阶的音符；**

**按住SC/CH加琴键上的OFF关闭SCALE模式；**

**注：如果在智能和弦模式，则会保留智能和弦模式，如果未开启到功能键灯光熄灭；**

**智能和弦模式（Smart Chord）：**

**和弦种类：**按住功能加琴键丝印为（Traid,7th,9th,Rand）的琴键选择和弦种类；

**和弦调性：**按住功能加琴键丝印为（Major,Minor）的琴键选择大调或小调和弦；

**和弦音阶：**按住功能加琴键丝印为（C-B）的琴键使弹奏的所有和弦都在选择的音阶中；

**例如：按住功能按键选择琴键Traid，再按下Major，此时弹奏的所有单音琴键变为三音大调和弦，按下C音将弹奏的和为C 大调和弦。**

**默认情况下弹奏的每个琴键都为大调的和弦（选择和弦模式+Mino为小调）**

**按住SC/CH加琴键上的OFF,退出和弦模式；**

**注： 如果在智能音阶模式，则会保留智能音阶模式，如果未开启到功能键灯光熄灭；**

**注（Traid)为和弦的1.3.5音，例如C maj,为C大调7个音中的1.3.5 ，7TH 为1.3.5.7 ，9TH 为1.3.5.7.9 ，Random为Major或Minor中的随机3音和弦或7音以上和弦）；**



## 六.技术参数

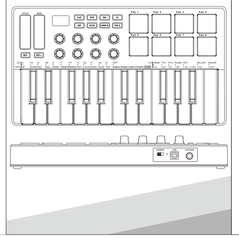
| | |
|---|---|
| 产品尺寸 | 321mm(L) x 178mm (W)x 46mm(H) |
| 产品重量 | 750g |
| 琴键 | 25键力度感应琴键； |
| 鼓垫 | 8个RGB背光支持力度感应和触后的打击垫 |
| 旋钮 | 8个可分配的360度旋转旋钮 |
| 滑条触摸 | 电容式触摸弯音滑条和Modulation滑条 |
| 输出 | 6.35mm延音/表情踏板接口<br>USB-B型接口<br>无线连接Windows/Mac/ios/Android;<br>无线MIDI OUT功能（需要额外的无线接收器） |
| 电源 | 2000毫安电池供电或USB供电 |

105.00 mm

150.00 mm

# USER MANUAL

## SMK-25



## Ⅰ.Packing list

■SMK-25 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 SMK-25 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;

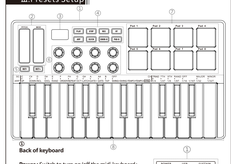
**Direct Wireless :** Activated Bluetooth function of Windows/Mac/ios/Android, Select SMK-25 on the list （Windows users need Bluetooth 5.0 and extra BLE Midi Driver）;

**Wireless MIDI OUT Connection :** Use Five-pin wireless midi adapter A connecting to device such as hardware synthesizer or other device that support MIDI IN;

**Note : Wireless Adapter A and B are not within the package need to buy additionally;**



## Ⅲ.Presets Setup



**Back of keyboard**

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

**USB :** USB-B Connection port;

**Sustain :** 1/4 inch sustain pedal connection port;

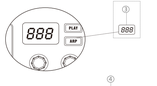
**Pitch Stripe and Modulation Stripe**

**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)**

**① Display area;**




**② 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 Bluetooth button to connect the midi keyboard with the driver or your phone, when the light flashing still the keyboard was connected to the receiver or your phone succesfully;

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

**( 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;

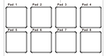
**BT+PAD-B:** Select presets inside the keyboard;



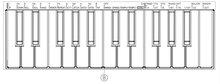
**③ Oct+,Oct-**
This two buttons adjust the pitch range of the keyboard, Higher the octave range of keyboard , faster the light of the OCT+ button will flashing;
Lower the octave range of keyboard , faster the light of the OCT- button will flashing;
Press the oct+, oct- simultaneously to reset the octave range to the original position;

**④ Knobs**
Eight assignable 360-degrees rotary encoders; Include AfterTouch, Midi CC;
**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 and the keys 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 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 ( Traid , 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;<br>USB-B port;<br>Wireless connection with Windows/Mac/ios/Android;<br>Wireless Midi Out Function;<br>（Need extra wireless midi device） |
| Power | 2000mAh Battery supplied or USB-bus-powered |

★FCC Warning StatementChanges 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.