130.00 mm

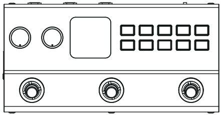
中文

50.00 mm

YUIMER

KPT PRO

USER MANUAL
使用说明书



前言

KPT PRO是一款多功能吉他/贝斯效果器,除了有丰富的周边效果，还有loop循环录音和鼓机功能。该产品不仅有常规的标准1
还有外接表情踏板输入接口和卡侬头输出接口。用户可以根据自己的需求，通过外接踏板去丰富音乐的层次感。它可储存120个音
出厂预设，用户可自定义音色进行覆盖储存。另外它带有BANK模式，三个音色为一BANK，用户可以在BANK 模式下快速切换音
模块，提供了降噪效果器、Boost效果器、压缩效果器、60种经典的箱头音色模拟、三段EQ调节器、8种调制效果、5种延时效果
典的IR箱体模拟、4种外接表情踏板哇音等效果音色。本产品内置蓄电池，解决了户外供电的问题。

可从我司官方渠道免费下载配套的电脑软件或者手机APP软件，支持使用软件编辑、交换、共享、导入/导出音色数据、导入
块音色数据，使用电脑软件还可对本机恢复出厂设置和进行固件升级等等。另外它还带有无线BT音乐播放功能，耳机监听功能，
电脑声卡功能等等。多种功能效果集于一 身,便于携带且音色优秀，是您不错的乐器伴侣。

英文

Preface

KPT PRO is a versatile guitar/bass effector, in addition to rich peripheral effects, also has loop and drum functions. It has not
input and output jack, but also has an external pedal input jack and the cannon (XLR) output jack. Users can according to th
through the external pedal to enrich the gradation of music. It has 120 preset tones storage bits, The first 54 preset tones are
tones, and users can customize the tone for overlay storage. In addition, It has BANK mode, 3 preset tones are 1 BANK, and
switch presets in BANK mode. It has 7 effect modules, which provide Noise Gate, Boost, Compressor, 60 Preamp, 3-band EQ,
Delays, 6 Reverbs, 60 IR CAB slots, 4 kinds of external expression pedal wah effects and so on. This product has a built-in ba
problem of outdoor power supply.

You can download the supporting computer software or mobile phone APP software from our company's official channels for
supports editing, exchanging, sharing, importing/exporting timbre data, importing IR files and importing AMP module timbre
restore factory Settings and upgrade firmware by using the computer software.In addition, it also has wireless BT music play
headphones monitoring function, mobile OTG recording function, computer sound card function and so on. It is a multi-func
easy to carry and sound excellent, is your good instrument companion.

/4”输入输出接口，
色，前54个音色为
色。它具备7个效果
6种混响、60种经

R文件和导入AMP模
手机OTG内录功能，

注意事项

- **电源供应：** 本机设有内置电池供电，充满电后可持续使用8小时，建议使用5V 2A充电器或充电宝为本机进行供电，本机支持充电&用电同步进行。在本机内置电池耗尽的状态下进行充电，大概5小时可以充满。电量 不足时，请勿长时间使用，以避免不稳定的工作性能，请及时充电。

- **连接：** 当连接或断开设备前，请先关闭其他相关设备。

- **电器干扰：** 收音机、电视机等电磁波可能会对设备使用造成干扰，因此请尽量远 离收音机和电视机等设备。

- **放置场所：** 为防止变形、变色和其他方面等对产品造成损坏，请避免以下情 况:

a.热源
b. 磁场
c.阳光直射
d.高温潮湿
e.多尘或不洁地方
f . 强烈震荡或摇晃

性能概述

- 支持加载导入第三方IR和am2文件
- 高清屏幕
- 效果链自由调节
- 多功能三踩钉设计
- ANN音频建模算法
- 电脑声卡功能
- 120个音色储存位
- 手机OTG内录功能
- DLY支持Freeze声音冻结无限延音
- 支持手机和电脑软件
- 无线蓝牙播放音乐功能
- 1/8"立体声耳机监听接口
- XLR卡侬输出接口
- 1/4"TRS外接表情踏板接口
- LOOP循环录音功能
- DRUM鼓机功能
- 有线/无线连接MIDI踏板扩展踩钉
- 可共同使用7+1个效果
- MOD、DLY、DRUM支持TAP打点设速
- 电池续航8小时
- USB 5V供电
- BANK快速切换音色模式
- C功能踩钉自定义切换界面

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only the regular
eir own needs,
e factory preset
users can quickly
8 Modulations, 5
ttery to solve the

free, which
data. You can also
back function,
tional effect device,

Attentions

The power supply:
It is equipped with built-in battery for power supply, which can last for 8 hours after full charge. It can charge with the 5V adapter or the power bank. When the battery run low, you can use the 5V 2A adapter, you need 5 hours to fully charge the battery. When the battery run low, don't use it for a long time to avoid unstable working performance, please charge it in time.

The connection: Be sure to turn off the power of related equipment before connecting or disconnecting the device.

The electrical interference: The electromagnetic wave of radio, television and other equipment may cause interference to the equipment, so please try to stay away from radio, television and other equipment.

The location: To avoid deformation, discoloration, or other serious damage, do not expose this unit to the following conditions:

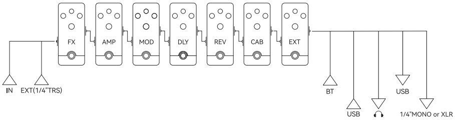
a.Heat sources
b.Magnetic fields
c.Sunlight
d.High temperature or moist district
e.Excessively dusty or dirty locations
f. Strong vibrations or shocks

Performance Overview

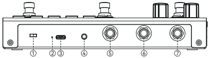
- Support loading and importing third-party IR and am2 Data
- High definition screen
- Effect chain freely adjustable
- Multi-function three foot-switches
- ANN Audio Modeling Algorithm
- Computer sound card function
- 120 preset tones storage
- Mobile OTG recording function
- DLY supports the Freeze sound to freeze the infinite extension
- Supports mobile and PC software
- Wireless BT music function
- 1/8" stereo headphone jack
- XLR Canon output jack
- 1/4"TRS external expression pedal jack
- LOOPER function
- DRUMMER function
- Wired/wireless connection to external foot-switch
- 7+1 effects can be used together
- MOD, DLY, DRUM support TAP dot set speed
- Battery life is 8 hours
- USB 5V power supply
- BANK mode
- C foot-switch customized the switch interface

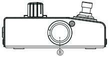
效果模块连接图

（7个效果模块的顺序可自定义移动）



后置面板功能图解

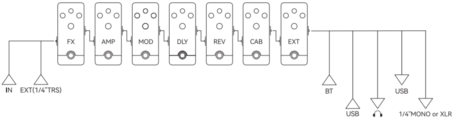




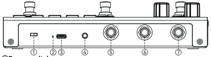
①电源开关。
②充电指示灯：开机后，本机在正常使用时指示灯为熄灭状态。充电时指示灯为红灯常亮，充满电时灯会转色。
③USB接口：供电、电脑声卡、电脑数据交换传输和OTG内录等等功能。**温馨提示:**使用本机附带的USB线和另购的OTG转换器，可连 接到手机第三方APP软件进行音画同步实时内录。（Loopback 功能，是常见的声卡回环功能，需要到软件上开启或者关闭，默认出厂为开启状态。功能开启时，电脑/手机内的音乐声会与乐器声同时录制，同一轨道混合录制，其中包括USB 和 BT 的音乐声。如果功能关闭，使用该产品作为声卡进行录音时候，只能录制到IN 接口的乐器声，这样更便于电脑录音时候进行乐器声分轨录音。）
④耳机输出：1/8"立体声接口,连接监听耳机。
⑤EXT：1/4"TRS接口,用以连接外部表情踏板。
注意：连接外置表情踏板需为立体声信号线，若使用单声道信号线会引致表情踏板不能正常工作。
⑥IN：1/4"单声道接口连接吉他、贝斯或其他乐器。
⑦OUT：1/4"单声道输出接口,连接音箱或调音台。
⑧卡侬(公头)XLR输出接口。

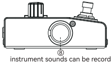
Effectors chain diagram

(The order of the 7 effects Modules can be customized.)



Rear panel

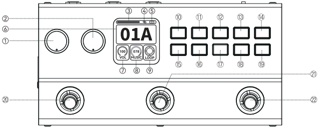


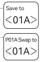


①Power switch.
②Charging indicator: after starting, the indicator is off during normal use of the machine. The indicator light is always red when charging, and it will turn color when it is fully charged.
③USB interface: power supply, computer sound card, computer data exchange transmission and OTG recording and so on. Warm tip: Using the USB cable attached to the machine and the OTG converter purchased separately, you can connect to the third-party APP software of the mobile phone for real-time recording of audio and picture synchronization.(Loopback function, a common function on sound cards, need to be enabled or disabled in software, it is set to the "on" position in factory condition.When the product as a sound card for recording, only the IN-interface function is turned on, the music in the computer/mobile phone will be recorded at the same time with the instrument sound, it's the same track mixed recording, including USB and BT music.If the function is turned off, when using this instrument sounds can be recorded, which is more convenient for sub-track recording of instrument sounds during computer recording.)
④Headphone output: 1/8" stereo jack, connect the headphone.
⑤EXT: 1/4"TRS jack, used to connect the external expression pedal.
Note: A stereo signal line is required to connect the external Emoticon pedal. If a mono signal line is used, the emoticon pedal will not work properly.
⑥IN: 1/4" mono jack to connect guitar, bass, or other instruments.
⑦OUT: 1/4" mono output jack, connected to the speaker or sound console.
⑧Canon (male head)XLR output jack.

前置面板功能图解

CN





① Master 全局音量，用于控制最终输出音量。

② PARA 旋钮，带按键旋转编码器，旋转它可选择项目或者调节参数，单击它可进入、退出或确认项目，长按1 秒可进入 “Save to”预设保存界面，长按 2 秒可进入 “Swap to” 预设交换界面。在“Save to”或者 “Swap to” 界面时候，如果单击HOME键，可退出保存界面回到主界面。

③ IN 输入孔信号 大小实时展示条。

④ 无线 BT 图标，图标灭灯时候代表BT未开启，图标闪烁表示BT已开启但是未连接，图标常亮表示BT已成功连接。

⑤ 电池状态图标。

⑥预设编号。利用PARA旋钮选中此编号后，旋转可快速切换预设。本机包含120个预设音色,默认前54个预设(01A-18C)含有出厂效果，其中第40-54个音色为贝斯音色（14A-18C)。恢复出厂设置时可单独选择前54个预设数据恢复到出厂状态，也可一次恢复全部120个预设状态。

注意：进入手机 APP 或者电脑软件界面即可进行此操作。

⑦ 预设音量。

⑧ 无线BT和USB输入的音量控制。

⑨ C带灯功能踩钉的切换目标界面。

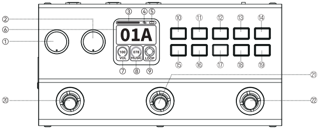
⑩ HOME 带灯按键/BT开关键(带BT状态灯)，单击HOME键可在屏幕上显示“主界面”，在主界面时候再单击HOME 键可进入模块操作界面。 长按HOME 键开启/关闭BT模块。按键灭灯时候代表 BT 未开启，按键灯 慢速闪烁时候表示BT已开启但是未连接，按键灯常亮时候表示BT已成功连接。

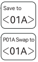
开机后显示的界面称为“主界面”，在这个界面内可以直观且快速的浏览到当前所在预设，该预设的音量，还有无线BT设备播放音量和C带灯功能踩钉的切换目标界面等信息。

01A
100 VOL
078 MUSIC
LOOP

Front panel

EN





① Master, You can use it to control machine's final output volume.

② PARA knob（Rotary encoder with button），
Rotating it to select items or adjust parameters, Clicking it to enter, exit, or confirm the items, Press and hold for 1 second to display the “Save to” screen, Press and hold for 2 seconds to display the “Swap to” screen. When on the "Save to" or "Swap to" screen, if you click the HOME button, you can exit and return to "Main Display Screen".

③ IN jack input volume real-time display bar.

④ Wireless BT pattern, When the pattern is off, it indicates that BT is not enabled. The icon blinks to indicate that BT is enabled but not connected, and the icon is always bright to indicate that BT has been successfully connected.

⑤ Battery status pattern.

⑥ Preset number. When this number is selected using the PARA knob, rotate it to quickly switch presets. The machine contains 120 pre-set tone storage slots,The first 54 presets (01A-18C) contain factory effects by default, of which the 40-54 tones are bass tones (14A-18C). When restoring factory Settings, the first 54 presets data can be individually restored to the factory state, or all 120 presets data can be restored at one time.

Note: Enter the mobile APP or computer software interface to perform this operation.

⑦ The volume of current Preset.

⑧ Wireless BT and USB input for volume control.

⑨ C foot-switch's target interface.

⑩ HOME illuminated Button / BT switch Button(with BT status light), clicking the HOME button to display the Main interface on the screen, then press the HOME button again to enter the Module Operation Screen. Besides, you can hold this button to open/close the BT. When the button light off, the BT had been turned off; when the button light flashing, it means BT is turning on, but not in connection; when the button light keep on, it means BT has been connected.

模块操作界面下,可用PARA旋钮调 节7个模块的连接顺序，也可以用A 带灯功能踩钉控制模块的开关，B 带灯功能踩钉选择需要控制的模块 (Stomp mode单块模式)。

⑪ **FX 多功能模块带灯按键，**在任何时候,长按按键可以快速开启/关闭模块效果。单击此按键可进入模块的参数界面，再次单击可开启/关闭模块效果。当灯常亮时，表明此效果模块开启状态，灯熄灭即代表效果关闭。当屏幕上显示出参数界面后,您可使用PARA编码器来调整屏幕上任意一个效果和参数，此时您也可以使用 A带灯功能踩钉脚控开/关当前模块的效果。

温馨提示:DRUM和LOOP功能按键比较特殊。单击鼓机功能按键可以快速开启/关闭该功能。长按鼓机功能按键,才可进入鼓机功能模块的参数界面。在任何的情况下,LOOP功能只能在LOOP功能菜单界面开启。除了DRUM和LOOP模块，其余模块在任何情况下都可支持长按按键可以快速开启/关闭模块效果。

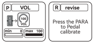
⑫ **AMP 箱头前级模拟模块带灯按键。**

⑬ **MOD 周边效果模块带灯按键，**当屏幕上显示出MOD的参数界面时，可利用B带灯功能踩钉，Tap打点获取效果的speed速度参数。B带灯功能踩钉会根据Speed参数的速度进行闪烁。

⑭ **DLY 延时效果模块带灯按键，**当屏幕上显示出 DLY 的参数界面时，如果利用B带灯功能踩钉，Tap打点获取效果的 Time 速度参数。B带灯功能踩钉会根据Time 参数的速度进行闪烁。当屏幕处于DLY的参数界面并且效果已经开启时,长踩B带灯功能踩钉可以启动hold功能，在长踩1.5 秒后机器会读取此刻的延时湿声，如果脚一直不松开，就会让这个hold湿声一直保持。如果脚松开，就可以马上取消hold湿声。

⑮ **REV混响效果模块带灯按键。**

⑯ **IR CAB箱体模拟效果模块带灯按键。**



⑰ **EXT外接表情踏板效果模块带灯按键，**当屏幕上显示出EXT的参数界面时,可用PARA编辑旋钮进入左上角的外接踏板校准功能。也可通过长踩B带灯功能踩钉进入外接踏板校准功能。进入外接踏板校准功能后，根据屏幕上的指示去完成踏板校准。

每完成一个校准步骤，需要单击PARA编辑旋钮或单踩B带灯功能踩钉去进行下一步。长踩B带灯功能踩钉或扭动PARA编辑旋钮可退出外接踏板校准功能。

⑱ **LOOP循环录音功能模块带灯按键，**当进入LOOP菜单界面时,LOOP模块按键的功能跟B带灯功能踩钉的功能一样。在非LOOP界面时，短按是打开LOOP界面，长按是无实际作用。在非LOOP功能界面的情况下，LOOP在录音、播放、暂停的状态，LOOP按键灯也会常亮。

⑲ **DRUM鼓机功能模块带灯按键**，进入鼓机功能模块界面，需要长按DRUM按键才能进入。它与其他功能按键不一样，在任何时候单击DRUM按键，鼓机功能就会被启动,DRUM按键的灯亮起。再次单击DRUM按键，鼓机功能关闭，DRUM按键灯也关闭。当屏幕上显示出DRUM的参数界面时候,可以利用A带灯功能踩钉，进行控制开/关。还可以利用B带灯功能踩钉，Tap打点获取BPM速度参数。B带灯功能踩钉会根据BPM参数的速度进行闪烁。

⑳ **A带灯功能踩钉，**在主界面时,用于向下选择预设。在某些其他界面时，可用于开/关模块。当短踩A&B带灯功能踩钉，⑥预设编号框内变蓝，进入预设选择模式。向上或者向下选择预设,需要再次短踩A&B带灯功能踩钉,才能切换到主界面显示预设编号的预设音色。在调音表的界面,单踩A带灯功能踩钉，进入MUTE静音模式。在LOOP循环录音功能模块界面时，单踩A带灯功能踩钉是STOP停止录音。当在LOOP循环录音或DRUM鼓机功能模块界面时，可以长踩A带灯功能踩钉，进行LOOP循环录音功能模块界面和DRUM鼓机功能模块界面的相互切换。在主界面时，长踩C带灯功能踩钉可进入/退出BANK模式。进入BANK模式后，短踩A&B带灯功能踩钉为BANK-，短踩B&C带灯功能踩钉为BANK+。一个BANK有3个音色,可通过单踩A、B、C带灯功能踩钉去快速切换音色。

温馨提示： Bank 模式可以进行音色跳跃，但是 Bank 模式会舍弃右边踩钉的 ctrl 功能。那我建议您，尝试 PRESET 预设预选功能，在主界面是普通模式时，短踩A&B踩钉，即可开启预选功能，这时候A&B钉灯会持续闪烁，以提示：目前屏幕上的预设，所见到的跟听到的不一致。此时如果您短踩A或者B踩钉，可以提前选择您想要的预设编号。然后再同时短踩A&B两个踩钉可以加载音色，或者长踩这两个踩钉可以退出预选功能。

㉑ **B带灯功能踩钉，**在主界面时,用于向上选择预设。在模块操作界面时,可用于挑选模块。在调音表的界面，单踩B带灯功能踩钉，进入

01A
100
VOL
078
MUSIC
LOOP

The interface displayed after booting machine is called "main interface". In this interface, you can intuitively and quickly browse to the current preset, the preset volume, as well as the wireless BT device playback volume and the C foot-switch's target interface and so on.

On the module operation interface, PARA knob can be used to adjust the connection sequence of 7 modules, or A foot-switch can be used to control the switch of the module, and B foot-switch can be used to select the module to be controlled (Stomp mode single block mode).

⑪ **FX Module illuminated Button.** At any time, long-pressing the button to quickly turn on/off the module effect. Clicking this button to enter the parameter interface of the module, and clicking again to turn on/off the module effect. When the light is always on, it means that the effect module is turned on. When the light is off, the effect is turned off. When the parameter interface is displayed on the screen, you can use the PARA encoder knob to adjust any effect and parameter on the screen.

Warm tip: DRUM and LOOP function buttons are special. Clicking the drum function button can quickly turn this function on/off.
Long-pressing the DRUM function button to enter the parameter interface of the DRUM function module. In any case, the LOOP function can only be enabled in the LOOP function menu interface.In addition to DRUM and LOOP module, the rest of the module buttons can be supported in any case long-pressing the button to quickly turn on/off the module.

⑫ **AMP Module illuminated Button.**

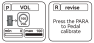
⑬ **MOD Module illuminated Button,** When the Screen displays the MOD's Edit Settings Menu, you can Tap to obtain the Speed parameter of the effect by the B foot-switch. The B foot-switch's light will blink based on the Speed parameter.

⑭ **Delay Module illuminated Button,** When the Screen displays the DLY's Edit Settings Menu, you can Tap to obtain the Time parameter of the effect by the B foot-switch. The B foot-switch's light will blink based on the Time parameter. When the Screen displays the DLY's Edit Settings Menu and the DLY had been turned on, you can hold the B foot-switch to start the Hold function, after long-pressing 1.5 seconds the machine will read the Delay wet sound at this moment. If you don't release the foot, you'll keep this Hold sound. If you release the foot, you can immediately cancel the Hold sound.

⑮ **REV Module illuminated Button.**

⑯ **IR CAB Module illuminated Button.**

⑰ **EXT external expression pedal effect module illuminated Button,** when the EXT module parameter is displayed on the screen, using the PARA edit knob to access the external pedal calibration function in the upper left corner. It can also be used to enter the external pedal calibration function through long- pressing B foot-switch. After entering the external pedal calibration function, following the instructions on the screen to complete the pedal calibration. After each calibration step, clicking the PARA edit knob or pressing the B foot-switch to proceed to the next step. Long-pressing B foot-switch or twisting the PARA edit knob to exit the external pedal calibration function.



⑱ **LOOP Module illuminated Button,** When entering the LOOP menu interface, the function of the LOOP module button is the same as the function of the B foot-switch. When it's in a non-loop interface, pressing the button of the LOOP module can enter into LOOP menu interface,long-pressing the button of the LOOP module has no effect.In the case of non-Loop functional interface, the button light of LOOP will always be on when the LOOP is in the state of recording, playing and pausing.

⑲ **DRUM Module illuminated Button,** the interface of DRUM function module, need to long-press the Drum module button to enter. It is different from other function buttons. At any time, when

BYPASS旁通模式。在MOD参数界面时，可用于Tap打点获取Speed参数。在DLY参数界面时,可用于Tap打点获取Time参数。在DLY参数界面并且效果已经开启时，长踩可用于开启 Hold 功能(延时湿音保持,Freeze声音冻结无限延音)。在EXT外接表情踏板模块界面,长踩B带灯功能踩钉控制开/关外接踏板校准功能，单踩进行每一步的确认。当屏幕上显示出DRUM的参数界面时候，可以利用B带灯功能踩钉，Tap打点获取效果的BPM速度参数。B带灯功能踩钉会根据BPM参数的速度进行闪烁。

在LOOP循环录音功能界面时，B带灯功能踩钉有控制录音、播放、停止、删除、叠加、撤销/恢复等功能。以下为B带灯功能踩钉在LOOP循环录音模块界面的操作表。

B带灯功能踩钉操作/情景	功能/状态
单踩B带灯功能踩	录音
在录制音轨完成时单踩B带灯功能踩	播放
在播放状态单踩B带灯功能踩	叠加音轨(数准节拍后单踩B带灯功能踩，可无缝连接上一轨录音)
在录制/播放时长按踩B带灯功能踩	删除/撤销/恢复音轨(单个音轨时为删除，叠加音轨时为撤销/恢复最后一次录音数据)
在录制/播放时双踩B带灯功能踩	暂停
在录制/暂停时双踩后长踩B带灯功能踩	删除当前档位所有录音数据

㉒ **C带灯功能踩钉，**这是一个带有切换界面的功能踩钉，设定方式1：先进入你所需要的目标界面，长踩C带灯功能踩钉，踩钉灯闪烁，设定完成。设定方式2：可通过PARA编辑旋钮在主界面中设定。当你在其他模块参数界面时,你只需要单踩C带灯功能踩钉就能切换到你刚设定的目标界面。在目标界面，通过单踩C带灯功能踩钉可实现目标界面和主界面的相互切换。(在BANK模式下C踩钉为音色组的第三个音色，所以在BANK模式下C带灯功能踩钉的切换界面功能不能使用)。在主界面时，如果你长按C踩钉，可以在BANK模式和普通模式之间切换，意思就是说，这可以让您选择，让C踩钉成为CTRL功能，或者称为BANK模式的预设音色选择功能。在普通模式下，短踩B&C带灯功能踩钉,进入调音表模式。BANK模下，长踩B&C带灯功能踩钉，进入调音表模式。退出调音表模式，可通过单击模块按键、短踩B&C带灯功能踩钉、短踩C带灯功能踩钉。在LOOP功能界面，如果DRUM已经开启，C带灯功能踩钉会跟着DRUM的BPM参数闪烁。

温馨提示：在切换到调音界面，如图所示，在此界面有两个项目可供选择，左下角的Refer to是选择A音的参考频率430-450Hz，右下角的Mode是选择声音输出状态Bypass或者Mute。

Turner
Ref
440Hz
Mode
Bypass

the DRUM module button is clicked, the DRUM function will be turned on and the DRUM module button light will light up. Clicking the DRUM module button again, the DRUM function is turned off, and the DRUM module light is also turned off. When the parameter interface of DRUM module is displayed on the screen, the A foot-switch can be used to control on/off of DRUM module. You can Tap to obtain the BPM parameter by the B foot-switch. The B foot-switch's light will flash according to the BPM parameter.

⑳ **A function illuminated foot-switch,** in the main interface, used for downward selection of presets. It can be used to turn modules on/off in some other interfaces. Pressing A&B foot-switches, the part of preset number flashing, the machine enters the preset selection mode. If you choose the preset up or down, you need to press the A&B foot-switches again to switch to the preset tone that displays the preset number on the main interface. On the interface of the tuner menu, pressing Pressing A foot-switch can stop recording. When in the LOOP recording or DRUM function module interface, you can long-pressing A foot-switch to switch between the loop recording function module interface and the DRUM function module interface. In the main interface, long-pressing C foot-switch to enter/exit BANK mode.

After entering BANK mode, press A&B foot-switches is BANK-, press B&C foot-switches is BANK+. There are 3 preset tones in one BANK, which can be quickly switched by pressing A, B and C foot-switches.

Note: Bank mode can jumpily switch tones, but Bank mode will abandon the ctrl function of the C foot-switch.

Then I suggest you try the PRESET pre-selection function. When the main interface is in normal mode,you can open the pre-selection function by pressing A&B foot-switches. At this time, A&B foot-switches will continue to flash to indicate that what you see on the screen is not consistent with what you hear. At this point, if you press the A or B foot-switch , you can select the preset number you want in advance. Then at the same time, pressing A&B foot-switches can load the tone, or long-pressing A&B foot-switches can exit the pre-selection function.

㉑ **B function illuminated foot-switch,** it is used to turn up the presets when in Main Display Screen. When in the module Operation Screens, it can be used to select modules. In the interface of the tuner, pressing B foot-switch to enter the BYPASS mode.In MOD parameter interface, Tapping it can adjust the Speed parameter. In DLY parameter interface, Tapping it can adjust the Time parameter. In DLY parameter interface and the effect is already enabled, you can hold the B foot-switch to enable the Hold Function (freezing the wet sound to get the Infinite voice). In the interface of EXT external expression pedal module, long-pressing B foot-switch control on/off external pedal calibration function, Pressing to confirm each step. When the parameter interface of DURM is displayed on the screen, you can use the B foot-switch to Tap to obtain the BPM parameter. The B foot-switch's light will flash according to the BPM parameter. In the LOOP recording function interface, B foot-switch has record, play, stop, delete, superpose, undo/restore and other functions.

The following is the operation form for B foot-switch on the interface of LOOP.)

Loop/B foot-switch/situation	Function/status
pressing the foot-switch	Recording
pressing the foots-witch when the track is finished	Playing
pressing the foot-switch in play state	Superpose track (pressing on the foot-switch after the number of accurate beats, can be seamlessly connected to the previous track recording)
Long-pressing foot-switch while recording/playing	Delete/undo/restore a track (delete for a single track, undo/restore the last recording data when stacking tracks)
Double-pressing the foot-switch while recording/playing	Pause
Long-pressing after double-pressing while recording/pausing	Delete all recording data

效果模块功能介绍

一：FX多功能模块

1.Noise Gate降噪功能

- Gate：调节参数可控制降噪门限，调至0时为关闭降噪效果。

2.Compress压缩功能（可叠加降噪功能）

- Gate：调节参数可控制降噪门限，调至0时为关闭降噪效果。
- Sustain: 综合了压缩的阈值和压缩比例，数值越大，压缩效果越明显。
- Attact: 信号超过设置阈值后压缩器的启动时间。数值越大压缩启动时间越慢，数值越小启动时间越快。
- Level：控制模块的最终输出音量。

3.A Boost激励功能（可叠加降噪功能）

- Gate：调节参数可控制降噪门限，调至0时为关闭降噪效果。
- Gain：调节激励效果的增益度。
- Bass：调节激励效果的低频。
- Mid：调节激励效果的中频。
- Treble：调节激励效果的高频。
- Level：调节激励效果的音量。

4.B Boost激励功能(可叠加降噪功能)

- Gate：调节参数可控制降噪门限,调至0时为关闭降噪效果。
- Gain：调节激励效果的增益度。
- Bass：调节激励效果的低频。
- Mid：调节激励效果的中频。
- Treble：调节激励效果的高频。
- Level：调节激励效果的音量。

5.Boost OD 过载激励功能(可叠加降噪功能)

- Gate：调节参数可控制降噪门限,调至0时为关闭降噪效果。
- Gain：调节激励效果的增益度。
- Grit：调节激励效果的过载饱和度。
- Level:调节激励效果的音量。

二：AMP箱头前级模拟模块（1-50个为吉他音箱模拟，51-60个为贝斯音箱模拟）

- Gain
- Level
- Bass
- Mid
- Treble

三：Modulation周边效果模块

1. Chorus合唱效果

- Speed：调节效果速度。
- Depth：调节效果深度。
- Mix：调节效果湿声和干声的比例。

2. Phaser相移效果

- Speed：调节效果速度。
- ParamA：MidCut，中频削减，数值越大，效果的中频削减越多。此参数主要为失真音色设计。
- ParamB：Resonance，相位效果的共振强度调节。
- Feedback：调节湿声的反馈量。

3. Tremolo颤音效果，使用低频振荡器来调制声音的输出电平。

- Speed：调节效果速度。
- Depth：调节效果深度。
- Level：调节模块的输出音量。

4. Flanger弗朗格效果，跟合唱类似的声音，但是使用一个更短的延时时间并且增加反馈参数，产生一个强烈频率的扫描效果。

- Speed：调节效果速度。
- Depth：调节效果深度。
- Feedback：调节湿声里的扫频效果的反馈量。
- Mix：调节效果湿声和干声的比例。

㉒ **C function illuminated foot-switch,** this is a foot-switch with switch interface function , set way 1: the first to enter the target interface, you need to long press C foot-switch,when its lights flashing, successfully setting. Setting way 2: It can be set in the main interface through PARA editing knob. When the display is displayed in the other module parameters interface, you can switch to the target interface you just set by pressing C foot-switch. In the target interface or main interface, you can switch between the target interface and the main interface by pressing C foot-switch. (In BANK mode, C foot-switch is the third preset tone of the bank, so the switch interface function of C foot-switch cannot be used in BANK mode). In the main interface, if you long press C foot-switch can switch between BANK mode and normal mode, meaning that this allows you to choose, let C foot-switch become the CTRL function, or the preset tones selection function of BANK mode. In the main interface, if you long press C foot-switch can switch between BANK mode and normal mode, meaning that this allows you to choose, let C foot-switch become the CTRL function, or the preset tones selection function of BANK mode.In normal MODE, pressing B&C foot-switches to enter the tuner. Under BANK mode, long-pressing B&C foot-switches to enter the tuner mode. To exit the tuner mode, clicking the module button or pressing B&C foot-switches or pressing C foot-switch. In the LOOP function interface, if the DRUM function has been truned on, the C foot-switch will flicker with the BPM parameters of DRUM.

Tips: The tuning interface is shown in the picture. There are two items to choose from in this interface, the refer to item isto select the standard A's frequency 430-450Hz, the"Mode" item is to select the voice output status Bypass or Mute.

Turner
Ref
440Hz
Mode
Bypass

Effectors module

I: FX Module

1. Noise Gate

- Gate，Adjust the threshold of Noise Gate, When set to 0, the effect is turned off.

2. Compress(Noise Gate can be added)

- Gate，Adjust the threshold of Noise Gate, When set to 0, the Noise Gate is turned off.
- Sustain: This combines the compression threshold and the compression ratio; the higher the value, the more effective the compression is.
- Attact: The starting time of the compressor after the signal exceeds the set threshold. The larger the number, the slower the compression start time, and the smaller the number Faster startup time.
- Level, Use this parameter to adjust the output volume of this Module again.

3. A Boost(Noise Gate can be added)

- Gate: The noise reduction threshold can be controlled by adjusting the parameter. When it is set to 0, the noise reduction effect will be turned off.
- Gain: Adjust the gain degree of the excitation effect.
- Bass: The low frequency that modulates the effect.
- Mid: The middle frequency of adjusting the effect.
- Treble: modulates the high frequency of the effect.
- Level: Adjusts the volume of the incentive effect.

4. B Boost(Noise Gate can be added)

- Gate: The noise reduction threshold can be controlled by adjusting the parameter. When it is set to 0, the noise reduction effect will be turned off.

5. Vibrato震音效果，信号的音调会有周期性的升高降低，其结果与声乐家使用的颤音技术相似。与合唱或 Flanger效果相反，没有直接信号与音高调制信号相结合。
- Speed：调节效果速度。
- Depth：调节效果深度。

6. Univibe多谐振荡器效果，一种独特的音色，合唱和相移两种效果的结合。
- Speed：调节效果速度。
- Depth：调节效果深度。
- Mix：调节效果湿声和干声的比例。

7. Autofilter自动滤波器，通过设定的频率使哇音有规律地进行工作，吉他和贝斯都可以使用。
- Speed：调节效果速度。
- Min：滤波器扫频的频率最小值，数值开大后可让湿声的中低频部分更加突出。
- Max：滤波器扫频的频率最大值，数值开大后可让湿声的中高频部分更加突出。
- Mix
- Feedback

8.Wah-Wah自动哇音效果，通过设定的频率参数进行有规律的波纹运动音色。
- Speed：调节效果速度。
- Q：中心频率和波形宽度的比例。
- Mix：调节效果湿声和干声的比例。
- Width：调节波形的宽度综合参数比。
- Level：调节模块的输出音量。

四：Delay延时效果模块

1. Analog模拟延时效果，模拟电子管的信号的延迟效果，音色具有复古、温暖等特点。
- Time，延时效果时间速度参数，600-60bpm。
- Feedback，调节延迟的反馈次数。
- Mix，调节干湿比。
- Phaser，可在在Delay湿声增加相移效果，此参数可调节相移效果的使用量。
- Pitch：调节失谐效果的PITCH参数，相当于在延迟湿声加入了一点失谐效果，是一种轻微移调的声音，一种复古且迷人的声音。

2. Ducking闪避延迟，我们在处理延时湿音时候，在湿音发声前部分加入了降噪效果，从而抑制湿音的前部分声音，达到一种前面闪避的效果，有慢慢增大的声音听感。通过非常轻微的闪避，延迟的动态更多的是“感觉到”而不是“听到”。
- Time，延时效果时间速度参数，600-60bpm。
- Feedback，调节延迟的反馈次数。
- Mix，调节干湿比。
- Unpack 解除，参数调大后，可解除湿声后部分音量的突然上升感觉，从而达到一种更平缓的延时动态。
- Speed，可在在Delay湿声增加合唱效果，此参数可调节合唱效果的速度。
- Depth，合唱的深度。

3. dTape磁带延时，它复刻了磁带机特有的延时风格，你不仅能获得专业级别磁带机的温暖和丝滑，而且能模拟磁带在褶皱、偏差等等真实情况下的声音特效。
- Time，延时效果时间速度参数，600-60bpm。
- Feedback，调节延迟的反馈次数。
- Mix，调节干湿比。
- Grit，这个参数调整磁带机的偏差，从欠偏差到过偏差，听起来就像湿音过载的感觉。它用于调整延迟湿音的动态范围和余量。

- Gain: Adjust the gain degree of the effect.
- Bass: The low frequency that modulates the effect.
- Mid: The middle frequency of adjusting the effect.
- Treble: modulates the high frequency of the effect.
- Level: Adjusts the volume of the incentive effect.

5. Boost OD (Noise Gate can be added)
- Gate: The noise reduction threshold can be controlled by adjusting the parameter. When it is set to 0,the noise reduction effect will be turned off.
- Gain: Adjust the gain degree of the effect.
- Grit: Regulates the overdrive saturation of the effect.
- Level: Adjusts the volume of the incentive effect.

II: AMP Module (1-50 is guitar preamp, 51-60 for bass preamp)

● Gain ● Level ● Bass ● Mid ● Treble

III: Modulation Module

1. Chorus

● Speed ● Depth ● Mix: Adjust the dry and wet ratio.

2. Phaser
- Speed
- ParamA: MidCut, the larger the value, the greater the midfrequency reduction of the effect, this parameter is mainly designed for distortion timbre.
- ParamB: Resonance, resonance intensity adjustment of phase effect.
- Feedback: Adjust the feedback amount of Phaser.

3. Tremolo, it is basically a change of the signal level controlled by an Low-frequency Oscillator.

● Speed ● Depth
- Level: Use this parameter to adjust the output volume of this Module again.

4. Flanger, it is use the same principle as Chorus, but it uses a shorter delay time and adds regeneration(or repeats) to the modulating delay. This results in an exaggerated up and down sweeping motion to the effect.
- Speed
- Depth
- Feedback: Adjust the amount of feedback for the sweep effect in wet sound.
- Mix: Adjust the dry and wet ratio.

5. Vibrato, The vibrato effect modulates the pitch of the incoming signal. The result is similar to the Tremolo technique used by vocalists. In contrast to a Chorus or Flanger effect, no direct signal is combined with the pitch-modulated signal.

● Speed ● Depth

6. Univibe, a unique timbre, a combination of chorus and phaser.

● Speed● Depth● Mix

7. Autofilter, Wah sounds work regularly by setting the frequency, both guitar and bass can be used.
- Speed
- Min: Minimum frequency of the filter sweep frequency, when the value is turned up, the middle and low frequency parts of the wet sound are more prominent.
- Max: Maximum frequency of the filter sweep frequency, when the value is turned up, the middle and high frequency parts of the wet sound are more prominent.

● Mix● Feedback

8. Wah-Wah,automatic wow sound effect, through the set frequency parameters for regular rippling motion timbre.
- Speed: Adjusts the effect speed
- Q: Ratio of center frequency and waveform width.
- Mix: Adjust the ratio of wet and dry sound for the effect.

- Speed，使用 speed 参数来控制磁带不规则的量和严重程度，包括摩擦、折痕、拼接和污染物。使用最小值以获得清新、干净的磁带延时，也可使用最大值来获得多年来被破坏和腐蚀的磁带声音。
- Depth，该参数改变与机械相关的磁带速度波动的量。这也导致自然磁带机产生带类似合唱的声音。在参数最小值时，可以获得更和谐的音色，类似一个状态很好的磁带机。参数最大值时，听到一个感觉需要维修的磁带机的声音。在中间的参数，实现了比较自然的磁带音色。

4. Dual双延迟，两个独立的延时回音，第一个回音和第二个回音的时差比例可达到非常有趣的延迟节奏效果。
- Time，延时效果时间速度参数，1200-120bpm。
- Feedback，调节延迟的反馈次数。
- Mix，调节干湿比。
- Time-Mode时间模式，调节两个回音之间的时差，最小值时候就相当于没有时差，数值越大时差越大。
- Speed，可在在Delay湿声增加合唱效果，此参数可调节合唱效果的速度。
- Depth，合唱的深度。

5. Lofi低保真延时，一种特殊、复古且具有破坏性的延时效果，延时湿音里体现了过滤器，黑胶唱片，噪音低保真等多种感觉。
- Time，延时效果时间速度参数，600-60bpm。
- Feedback，调节延迟的反馈次数。
- Mix，调节干湿比。
- Grit， 当参数调大时，听起来像是湿音过载的感觉。
- Speed，可在在Delay湿声增加合唱效果，此参数可调节合唱效果的速度。
- Depth，合唱的深度。

五：Reverb混响效果模块

1. Room房间混响效果，房间混响模拟结构简单的房间声音，其中许多反射被房间中的软材料吸收,声音被墙壁反射。
- Decay，调整回声效果的持续时间。
- Mix，调节干声和混响湿音的音量比例。
- HPass，HIGH PASS高通,仅作用于湿音。
- LPass，LOW PASS低通,仅作用于湿音。
- Depth，使混响湿音产生音调的小幅度周期性升高降低,得到一种复古迷人的背景声音。

2. Hall大厅混响效果，大厅混响给人一种宽阔的,轻微散射的感觉。它能模拟宏大的环境声音。
- Decay
- Mix
- HPass
- LPass
- Depth

3. SWELL膨胀混响，在干信号之后逐渐带入混响效果，两个信号间进行自然的衔接，以获得轻微的上升效果和演变氛围感，就像有个可以控制混响湿音的音量踏板。
- Decay
- Mix，如果把干音去除，再把RiseT参数调到0，可以模仿提琴等弦乐乐器的音色。
- HPass
- LPass
- RiseTime上升时间，当参数加大时，上升时间会变长，听觉上的膨胀效果会减弱，适合用于演奏和弦节奏；反之上升时间变短时候，适合用于演奏旋律。

- Width: Adjusts the width of the waveform to synthesize the parameter ratio.
- Level: Use this parameter to adjust the output volume of this Module again.

IV: Delay Module

1. Analog, it is the delay effect of the signal of the analog tube, and the timbre has the characteristics of retro and warm.
- Time, adjust the feedback speed of echo repeats, 600-60bpm.
- Feedback, the feedback times of echo repeats.
- Mix, Adjust the dry and wet ratio.
- Phaser, the Phaser effect is increased in the Delay wet sound. This parameter can adjust the amount of Phaser used.
- Pitch, We add a little detuning effect to the delay wet sound, this parameter adjusting the pitch of the detuning effect, which is a slightly shifted sound, a retro and charming sound.

2. Ducking Delay, When we process the delayed wet sound, we add the Noise Gate to the part before the wet sound. Thus, the front part of the wet sound is suppressed to achieve a front evasive effect, and the sound is gradually increased, the dynamics of the delay are more ‘felt’ than ‘heard’.
- Time, adjust the feedback speed of echo repeats, 600-60bpm.
- Feedback, the feedback times of echo repeats.
- Mix, Adjust the dry and wet ratio.
- Unpack, After this parameter is turned up, the sudden rise in the volume of the wet rear part can be unpacked, so as to achieve a smoother delay dynamic.
- Speed, the Chorus effect is increased in the Delay wet sound. This parameter can adjust the speed of Chorus used.
- Depth, this parameter adjusts the depth of the Chorus.

3. dTape, Tape delay, it replicates the unique delay style of tape machine, you can not only get the warmth and silky of professional grade tape machine, but also simulate the sound effects of tape in real situations such as CRINKLE, BIAS, and so on.

- Time, adjust the feedback speed of echo repeats, 600-60bpm.
- Feedback, the feedback times of echo repeats.
- Mix, Adjust the dry and wet ratio.
- Grit, the GRIT takes on the function of TAPE BIAS. This parameter adjusts tape machine bias, from under biased to over-biased, it sounds like an overdrive of wet sounds. Bias sets the dynamic range and headroom of the wet signal.
- Speed, the SPEED takes on the function of TAPE CRINKLE. This parameter adjusts the amount and severity of tape irregularities, including friction,creases,splices and contaminants. Tape Crinkle characteristics track accordingly to tape speed. Set to minimum for a fresh,clean tape. Set to maximum for a tape that has been mangled and chewed for years.
- Depth, This parameter control varies the amount of mechanically related tape speed fluctuations. This also results in natural tape machine style modulation, it's like a chorus. Parameter minimum for a more tuned,cleaned and serviced tape machine. Parameter maximum to hear the sound of a tape machine in need of service. In between the extreme settings, a natural tape modulation is achieved.

4. Dual Delay, two independent delay echoes, the time-lag of the first echo and the second echo achieves a very interesting delay rhythm effect.
- Time, adjust the feedback speed of echo repeats, 1200-120bpm.
- Feedback, the feedback times of echo repeats.
- Mix, Adjust the dry and wet ratio.
- Time-Mode, Adjust the time-lag between the two echoes, the minimum is the equivalent of no time-lag, and the greater the number, the greater the time-lag.
- Speed, the Chorus effect is increased in the Delay wet sound. This parameter can adjust the speed of Chorus used.
- Depth, this parameter adjusts the depth of the Chorus.

5. Lofi Delay, a special, retro and destructive delay effect, the wet sound reflects the filter, the vinyl record, the noise lo-fi and many other senses.

4. Spring弹簧混响效果，弹簧混响是常见的混响类型，声音信号放大到弹簧上，然后拾音器捕捉到弹簧的共振声，从而形成人们在空间中听到的混响，弹簧混响的特点是来自弹簧的独特颤抖感。

- Decay
- Mix
- HPass
- LPass
- Combs，控制弹簧的数量。

5. Shimmer微光混响效果，微光混响，是一种在混响湿音中存在音高偏移的声音。通过PITCH参数的调节，可调整微光声音的音高，可调出不和谐音程，营造出恐怖的背景声音，这是非常创造性的用法。也可调出和谐音程，创造出一种自带美颜的声音，在混响尾音部分会听到犹如微光汲汲传动的美妙声音，如一种天堂中的声音，给人感觉像在开阔的土壤上，遇见日出从微光到全面灿烂的过程。

- Decay
- Mix
- Tone，调节混响湿声的明亮度。
- Pitch，调节微光声音的音高，最小值为音高跟原声一致，最大值为比原声高两个八度。
- Amount，控制微光声音的用量。

6. Cloud云混响效果，一种华丽的大型环境混响，听起来像是声音从云层卷积而来，仅仅弹一个音符，在混响湿音中就出现非常多的声音从各处传来，声音听起来非常宽广。

- Decay
- Mix
- HPass
- LPass
- Diffusion扩散度，可调节环境维度感，当参数增大时，早期反射的混响湿音被软化，听起来更平滑，模糊了延迟和混响之间的界限。

六：IR CAB箱体模块（1-15为电吉他箱体模拟，16-20为贝斯箱体模拟）

- Level，箱体输出音量。
- Low cut，调节低切频点，可选择20-300赫兹。如果您选择 300 赫兹，意味着 300 赫兹以下的低频都被抑制。
- High cut，调节高切频点，可选择18000-5000赫兹。如果您选择5k 赫兹，意味着 5000 赫兹以上的高频都被抑制。

七：EXT外接表情踏板效果模块（带有外接踏板校准功能）

1. VOL音量踏板，在演出的时候可以通过踏板去控制音量输出。

- VOL，踏板音量值。
- Min，踏板模块音量最小值。
- Max，踏板模块音量最大值。

2. X-Wah哇音效果，作用在低频至中频之间。 你也可以调出冷偏和清晰的音色，整体更加的透明和平滑。

- POS(Position)，滤波峰值。
- Min，最小峰值。
- Max，最大峰值。

3. Funk-Wah哇音效果，作用在高频，比较突出而不抢频，融合度较高。

- POS(Position)，滤波峰值
- Min，最小峰值
- Max，最大峰值

4. Slide-Wah哇音效果，高增益失真，不仅音色穿透，甜美而丰富了高频。

- POS(Position)，滤波峰值
- Min，最小峰值
- Max，最大峰值

5. Cry-Wah哇音效果，作用在低频至中频之间，幅度适中，音色中性。

- POS(Position)，滤波峰值
- Min，最小峰值
- MAX，最大峰值

- Time, adjust the feedback speed of echo repeats, 600-60bpm.
- Feedback, the feedback times of echo repeats.
- Mix, Adjust the dry and wet ratio.
- Grit， When the parameter is turned up, it sounds like a overdrive wet sound.
- Speed, the Chorus effect is increased in the Delay wet sound. This parameter can adjust the speed of Chorus used.
- Depth, this parameter adjusts the depth of the Chorus.

V: Reverb Module

1. Room reverb, it simulates a relatively small,simple-structured room sound where many reflections are absorbed by soft material in the room, and sound is reflected by walls.

- Decay, Adjust the duration of echo.
- Mix, Adjust the ratio of wet and dry.
- HPass，HIGH pass, only used to regulate wet sound.
- LPass，Low pass, only used to regulate wet sound
- Depth, the pitch of wet sound produces a small cyclical rise and fall, you will hear vintage and charming background sound.

2. Hall reverb, it gives a wide,slightly scattering feeling, it simulates a grand ambient sound.

- Decay
- Mix
- HPass
- LPass
- Depth

3. SWELL reverb, the Swell machine brings in the reverb gradually behind the dry signal for subtle evolving textures, like having a volume pedal on the wet sound.

- Decay
- Mix, If the dry sound is removed, and set the RiseT parameter to 0, it can mimic the sound of string instruments such as the violin.
- HPass
- LPass
- RiseTime, it adjusts the rise time of the swelled signal, I suggest you choose shorter times for single-line soloing or longer times for ambient chord work.

4. Spring reverb, it is a common type of reverberation.The sound signal is transmitted to the spring tank, and the pickup picks up the resonant sound of the spring tank, to mimics the reverberation effect produced in space.

- Decay
- Mix
- HPass
- LPass
- Combs, control the number of springs.

5. Shimmer reverb, there is a pitch-shift sound in the wet sound. Adjust the pitch of the pitch-shift sound, you can get the dissonant interval, create a scary background sound. You also can get the harmonic interval, it's a wonderful sound, a resplendent and unearthly ambience. The Amount parameter allow for a range of shimmer effects from laid-back and subtle to full-blown majestic splendor.

- Decay
- Mix
- Tone, Adjust the brightness of the reverb wet sound.
- Pitch, Adjust the pitch of the pitch-shift sound, the minimum value is the same as the original sound, the maximum value is two octaves above the original sound.
- Amount, adjust the amount of pitch-shift sound.

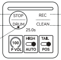
6. Cloud reverb, is a gorgeous large ambient reverberation, it sounds like the music come from all sides of the cloud. Cloud reverb can take any modest guitar or synth sound and turn it into a gorgeous ensemble.

- Decay
- Mix
- HPass
- LPass
- Diffusion, softens the early reflections to create a more diffused reverb. As Diffusion is increased, the reverb is smoothed and softened, the delay and reverberation mix together more naturally.

VI: IR CAB Module（1-50 is guitar CAB simulator, 51-60 is bass CAB simulator）

八：Loop循环录音功能

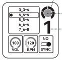
- ● VOL，LOOP循环录音模块总音量。
- ● AUTO(OFF/LOW/MID/HIGHG)，自动录音触发灵敏度。
- ● POS(HEAD/TAIL)，LOOP模块在效果链的位置（前端/尾端）。



短踩A踩钉的功能
长踩A踩钉的功能
短踩B踩钉的功能
长踩B踩钉的功能
LOOP和DRUM
智能对齐同步灯
(若没对齐此灯不会出现)

九：鼓机功能模块

- ● VOL，鼓机功能模块的总音量。
- ● BPM，鼓机播放的速度。
- ● SYNC，鼓机与L0OP智能对齐开关（对齐成功开关变绿）。



每小节的拍数
每小节的第一拍此处会变绿
小节数

技术参数

输入	标准1/4" 单声道接口/TS，1/4"TRS踏板接口
输出	标准1/4" 单声道接口/TS, 1/8"立体声输出 XLR平衡输出卡侬接口
采样率	44.1KHz/24bit
尺寸	200(L)x100(W)x46.2(H)mm
重量	644.5g
电源供给&USB数据传输	Type-C、5V≥300mA
电池额定容量	2000mAh
电池型号规格	103450
电池标称电压	3.7V
续航	续航8小时
充电电流限制	约408毫安
动态范围	105dB
总效果数量	65+ 个
效果槽/效果模块	可同时使用 7+1个，可自定义效果顺序

预设数量	54+66个
USB音频(OTG内录)	44.1K/24Bit，内录 Loopback 可以独立开关
BT伴奏	支持
音色编辑软件支持	WINDOWS,MAC,IOS,Android
第三方IR文件格式要求	44.1K/24Bit，单声道 WAV 文件，1024采样点
供电方式	内置蓄电池或USB 5V
AMP 音箱模拟	60种（50 个电吉他音箱& 10 个贝斯音箱）支持加载第三方AMP 音色
IR CAB 箱体模拟	60种（50 个电吉他箱体& 10 个电贝斯箱体）支持加载第三方 IR 文件
工作电流	约250mA
出厂附带	USB连接线X1
修订	2024-12-03

- ● Level
- ● Low cut, Adjust the low cut point, optionally 20-300 Hz. If you choose 300 Hz, it means that low frequencies below 300 Hz are suppressed.
- ● High cut, Adjust the high cut point, optionally 18000-5000 Hz. If you choose 5k Hz, it means that high frequencies above 5000 Hz are suppressed.

VII: EXT External expression pedal effect module (with external pedal calibration function)

1.VOL, Volume pedal.

- ● VOL, Pedal current volume.
- ● min, Pedal minimum volume.
- ● max, Pedal maximum volume.

2.X-Wah, the effect is between low frequency and medium frequency. You can also make the tone cool and clear, the overall more transparent and smooth.

- ● POS(Position), Peak of filtering.
- ● min, Minimum peak value.
- ● max, maximum peak value.

3.Funk-Wah, function in high frequency, more prominent but not frequency of preemption, high degree of fusion.

- ● POS(Position)
- ● min
- ● max

4.Slide-Wah, high gain distortion, not only timbre penetration, sweet and rich high-frequency.

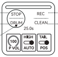
- ● POS(Position)
- ● min
- ● max

5.Cry-Wah, the effect is between low frequency and middle frequency, moderate amplitude and neutral timbre.

- ● POS(Position)
- ● min
- ● max

VIII: Loop recording function

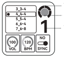
- ● VOL, volume control of the loop module.
- ● AUTO(OFF/LOW/MID/HIGHG), trigger sensitivity of automatic recording.
- ● POS(HEAD/TAIL), the LOOP module is at the HEAD or TAIL of effect chain .



Function of pressing A foot-switch
Function of long-pressing A foot-switch
LOOP and DRUM intelligent synchronization light (this light will not appear if not synchronized)
Function of pressing B foot-switch
Function of long-pressing B foot-switch

IX: Drum function module

- ● VOL, the volume of the DRUM module.
- ● BPM, speed of DRUM.
- ● SYNC, DRUM and LOOP intelligent synchronization switch (Synchronization success switch turns green).



The number of beats per measure
It turns green here on the first beat of each measure
The number of measures

其他设备支持

CN

- 手机 APP 连接步骤：在操作前需确认手机和KPT PRO的BT功能都已经开启，然后打开 M-EFCS，点击左上角“☰”按键，点击“当前设备”选择KPT PRO，再扫描附近设备，即可连接使用。
- 支持有线表情踏板（表情踏板需要另购）
- 可支持有线/无线连接 MIDI 踏板（MIDI 踏板需另购，以 Chocolate Plus 为例），从而达到拓展踩钉的目的。实现以下功能：可实现 4 个预设为一个 Bank，可 Bank+和 Bank-，可自由跳跃预设音色。可通过踩钉，一键开关7 个模块。可使用第一个踩钉代替 Home 键，第二个踩钉代替 PARA 按键的“按下”的动作，第三和第四个踩钉代替 PARA 按键的“逆时针转”和“顺时针转”。
- 我们将不断改进我们的产品并保留修改某些功能和规格(包括但不限于外观、包装设计、操作手册、配件、尺寸、规格参数、显示屏等)的权利,恕不另行通知。购买前请与当地经销商确认产品功能及规格。产品图片及颜色因拍照光线误差及屏幕设定可能与实物产品效果有所差异。请以实物为准。

扫描二维码下载

User Manual

Technical parameters

EN

Input	Standard 1/4" jack MONO/TS,1/4" TRS pedaljack
Output	Standard 1/4" jack MONO/TS,1/8" Stereo jack,Canon(male head)XLR jack
Sample rate	44.1KHz/24bit
Size	200(L)x100(W)x46.2(H)mm
Weight	644.5g
Power supply& USB data transmit	Type-C、5V≥300mA
Battery capacity	2000mAh
Battery Model/Type	103450
Battery Nominal Voltage	3.7V
Battery life	8+ hours
charging current limit	about 408 mA
Dynamic Range	105dB

Total effects	65+
Effects Slots/ Effects, Modules	Total of 7+1 simultaneous effects slots, it can customized the order
Presets amount	54+66
USB AUDIO（OTG）	44.1K/24Bit, support Loopback ON/OFF
BT music	support
Software support	WINDOWS,MAC,IOS,Android
IR processing	44.1K/24Bit Mono WAV files, 1024 sampling points
Power supply	built-in battery or USB 5V
AMP modeler	totally 60 (1-50 is electric guitar preamp, 51-60 for bass preamp)
IR slots	totally 60 (1-50 is electric guitar CAB, 51-60 for bass CAB)
working current	about 250mA
Attachment	USB cableX1

Other device suppor

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- APP using tips: Before operation, make sure that the BT of the cellphone and KPT PRO are both turned on, then run the APP and click the “ ☰ ”button,click the "Current Device" and select KPT PRO then scan nearby devices,you can connect to use.
- Support wired expression pedals (expression pedals need to be purchased separately)
- Can support wired/wireless connection MIDI pedal (MIDI pedals need to be purchased separately, Chocolate Plus pedal as an example), so as to achieve the purpose of expanding the Footswitches. 1. The following functions can be achieved: 4 Presets can be realized as a Bank, Bank+ and Bank-, all the Presets can be freely loaded. 2.seven modules can be switched on and off by pressing the external footswitches. 3. You can use the first footswitch to replace the Home button, the second Footswitch to replace the PARA button "press" action, and the third and fourth to replace the PARA button "turn counterclockwise" and "turn clockwise".
- We will continue to improve our products and reserve the right to modify certain functions and specifications (including but not limited to appearance, packaging design, operation manual, accessories,dimensions, specifications, displays, etc.) without prior notice.Please confirm the product functions and specifications with the local distributor before the purchase. Product pictures and color due to the light error and screen admiration setting.It may be different from the physical product effect. Please refer to the physical object accordingly.

scan the QR code

User Manual

（PD51）中英文说明书排版----M-VAVE					
版本	V03	比例	1:1	日期	2024-12-05
排版	关关	印刷	黑白	尺寸	折后130x50m
材质	80g书纸	工艺	骑马订		
审核	陈景然			公司	珠海笙科智能

FCC Warning Statement

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★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.

FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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.
(2)This device must accept any interference received, including interference that may cause undesired operation.

	备注
	1.更改ParamA和ParamB得内容 2.更改了P20页和P43页
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