FLAMMA

FX200
Guitar Multi-Effect
Owner's Manual

Content

Cautions

Please read carefully before proceeding

Power supply

Please use the correct AC outlet to connect the power adapter.

Please use a 9V ⊕-◉-⊖ internal negative and external positive power adapter with a current of not less than 1A.Failure to do so will result in damage to the device, fire, or other problems.

Unplug the device when not in use or during thunderstorms.

Connections

Always switch off the power supply and other equipment before connecting or disconnecting the device, as this will help to avoid malfunctions and damage to other equipment.

Also. Always disconnect all connections and power cables before moving the device.

Important Safety Instructions

1. Read these instructions

2. Keep these instructions

3. Heed all warnings

4. Follow all instructions

5. Do not use this apparatus near water

6. Clean only with a dry cloth

7. Make sure to use it away from radio and television sets or other devices that generate magnetic fields to avoid interference

8. Do not use switches and controls by force

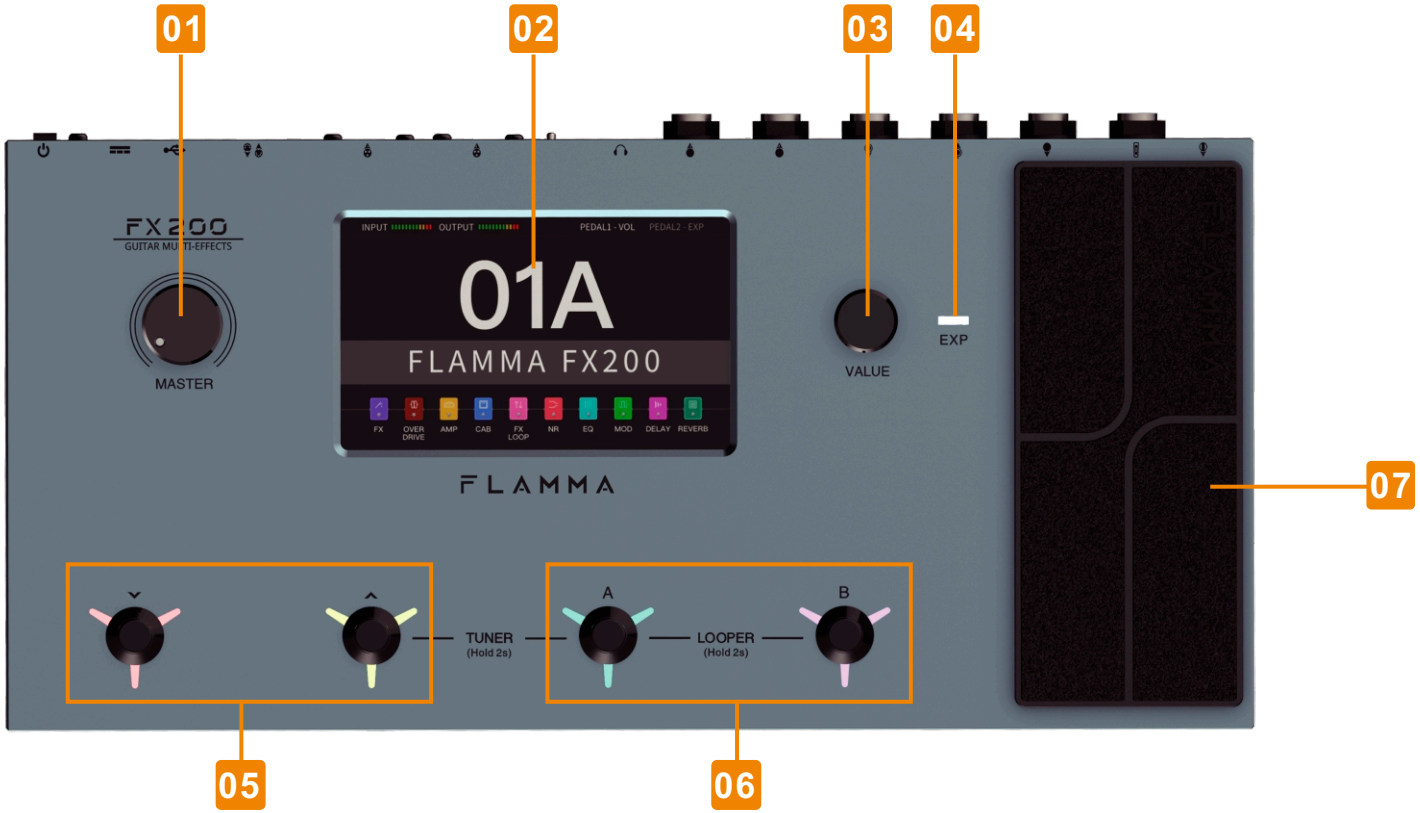
9. Do not allow paper, metal and other objects to fall into the machine

10. Do not drop the unit or subject it to shocks or excessive pressure

Features

- High-quality 5” LCD touch screen.
- 4 footswitches for controlling presets and guitar effects.
- 10 effects modules with 160 different types of effects in total.
- Up to 200 editable user preset slots.
- Editable effects chain allows users to change the order of modules.
- Extensive I/O that provides flexibility for studio, stage, or practice.
- Two different footswitch control modes for different situations.
- 58 Built-in preamp models based on non-linear sample modelling technology to recreate the feel of an authentic tube amplifier.
- 30 high-quality cabinet simulations (1024pts) with support for loading up to 50 third-party impulse response files.
- Programmable MIDI port for MIDI IN or MIDI OUT.
- Global EQ allows user to adjust the tone quickly according to different audio setups.
- Integrated 52-second looper can be set to pre mode or post mode.
- 80 drum machine variations and 10 metronome styles to choose from.
- CTRL footswitch allows user to set corresponding footswitch as the on/off switch or tap tempo switch.
- Spill-over function for delay/reverb to fade out naturally.
- Supports USB audio recording with specialized editor software for preset management and firmware updates.

Top Panel


01
02
03
04
07
05
06
FX200
GUITAR MULTI-EFFECTS
MASTER
INPUT
OUTPUT
PEDAL1 - VOL
PEDAL2 - EXP
01A
FLAMMA FX200
FX
OVER DRIVE
AMP
CAB
FX LOOP
NR
EQ
MOD
DELAY
REVERB
FLAMMA
VALUE
EXP
TUNER
(Hold 2s)
A
B
LOOPER
(Hold 2s)

Top Panel

01 **MASTER:** Control the volume level of 6.35mm output, XLR output, and headphone output.

02 **5"chromatic touch screen:** Display the status and detailed information of pedal.

03 **VALUE:** Rotate or press to navigate and select from options. You can use it to select preset, turn on/off module, move modules or edit parameters.

04 **EXP:** LED indicator for expression pedal, show the on/off status of it. Press the expression pedal to turn on/off the it.

05 **BANK UP/BANK DOWN:** Press to scroll up or down through the preset banks.

06 **A/B footswitch:** Press to switch between preset A and preset B.

07 **Expression pedal:** You can set expression pedal as the volume pedal, wah pedal, or control other parameters.

Back Panel

01 **AUX IN:** 1/8” stereo audio input jack, for connecting to external audio device.

02 **EXP2:** 1/4” stereo audio input jack, connect to external expression pedal (Notes: please use 1/4” TRS cable.)

03 **INPUT:** 1/4” mono audio input jack, connect to guitar or to the output of another pedal.

04 **SEND:** 1/4” mono audio output jack of FX LOOP, connect to the input jack of external pedal, or connect to the input of amplifier when using four-cable method.

05 **RETURN:** 1/4” mono audio input jack of the FX LOOP, connect to the output jack of an external pedal, or connect to the SEND of an amplifier when using four-cable method.

06 **OUTPUT:** 1/4” stereo audio output jack for unbalanced signal, please connect to L(MONO) for mono audio setup.

07 **PHONES:** 1/8” stereo headphone output.

08 **GND/LIFT:** Ground and lift switch for XLR output.

09 **XLR OUT:** XLR stereo audio output for balanced signal, please connect to L(MONO) for mono setup.

10 **MIDI IN/MIDI OUT:** 5 PIN MIDI port, can be set to MIDI IN or MIDI OUT.

11 **USB:** Type-C USB port, for connect to computer for preset management, import IR file, firmware update or use the unit as an audio interface.

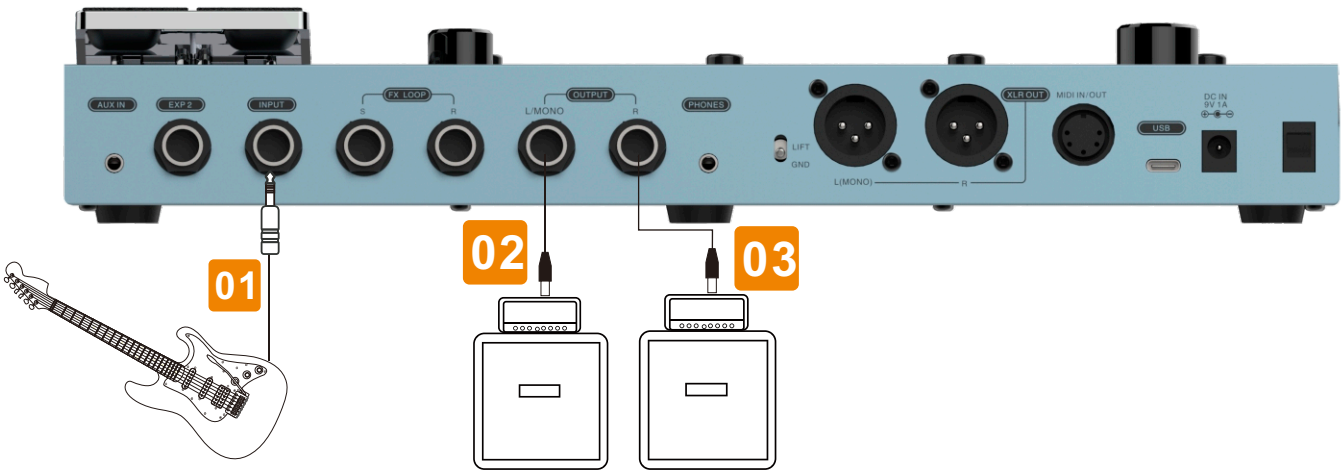
12 **DC IN:** Power port, recommend to use the original power supply for it.

13 **Power Switch:** Toggle on/off the unit.

Recommend Setup

Power amp + Cabinet

This setup requests amplifier with built-in FX LOOP, or individual power amp section.
It is recommended to turn on the AMP module for best results.



1.Connect to guitar
2.Connect to the RETURN of the amplifier’s FX Loop
3.Connect to power amplifier

Recommend Setup

FRFR Device

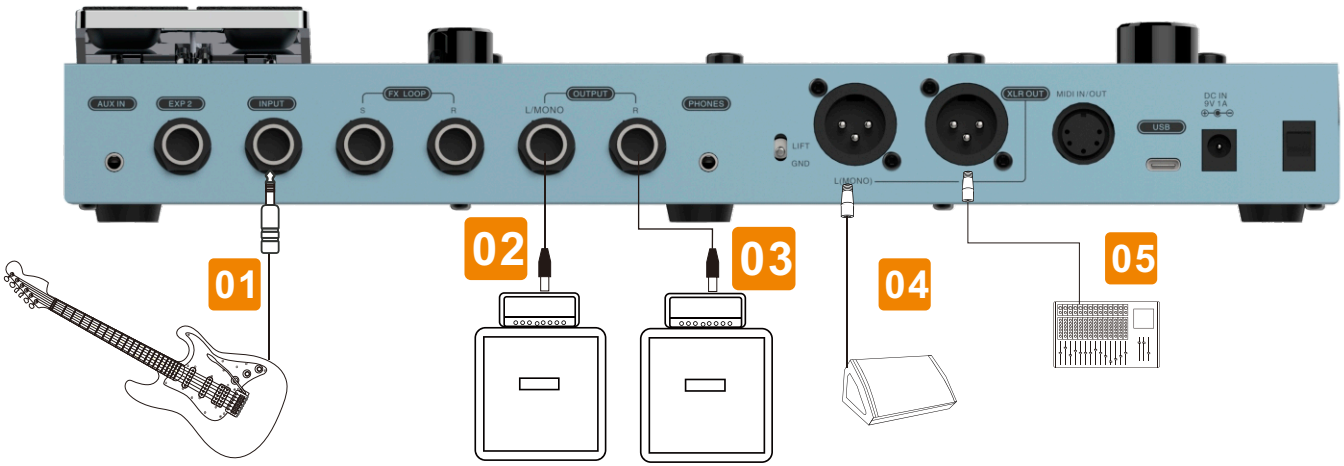
You can use this setup with your audio interface, powered stage speaker, PA system, studio speaker, headphone or any other FRFR (Full range, flat response) device. . It is recommended to turn on AMP and CAB modules for best results.

1.Connect to guitar
2.Connect to studio monitor or audio interface
3.Connect to headphone
4.Connect to stage monitor or PA system

Recommend Setup

FRFR Device + Amplifier

While using with an FRFR device and amplifier, please click on the icon on the editing page to enter the SYSTEM-GLOBAL CAB menu, turn off the cab sim for the output signal if the amp cabinet is connected, turn on the cab sim of the output signal without cabinet connected.



1.Connect to guitar
2.Connect to the RETURN of the amplifier's FX loop
3.Connect to power amplifier
4.Connect to stage monitor or PA system
5.Connect to mixer or FRFR device.

Recommend Setup

Input of amplifier

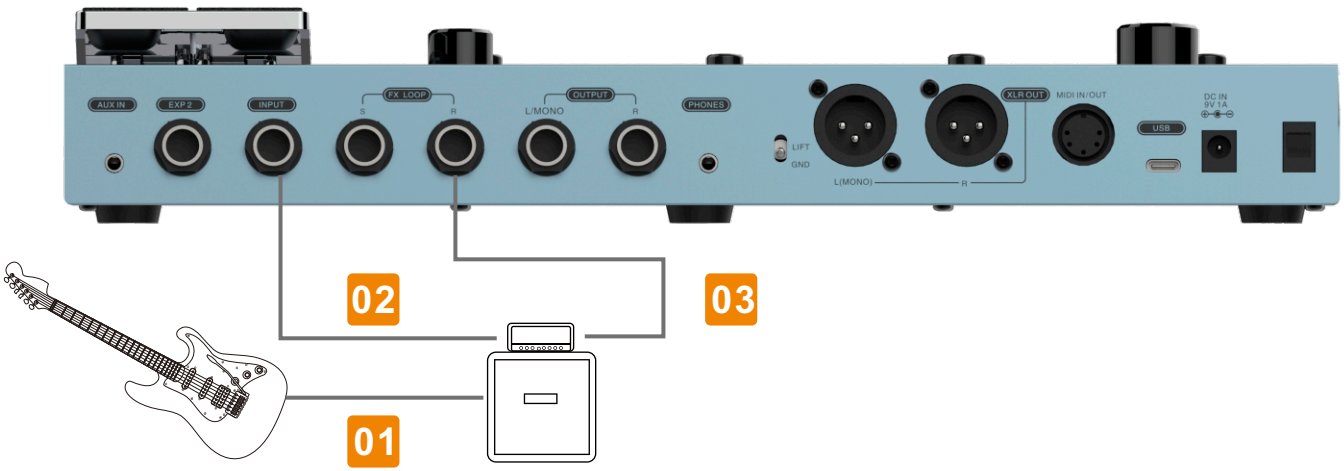
Connect FX200 to the input of an amplifier directly and use it as a pre-pedal before the amplifier. It is recommended to use this setup if the amplifier does not have an FX LOOP. Turn off the AMP and CAB module, as the amplifier signal will go through the preamp and cabinet of your amplifier.

1.Connect to guitar
2.Connect to the INPUT of amplifier

Recommend Setup

FX LOOP of Amplifier

In this setup, the FX200 is used as the post pedal in the FX LOOP of an amplifier. The effects of your FX200 will be placed between the preamp and the power amp of the amplifier. It is recommended to turn off the AMP and CAB module.

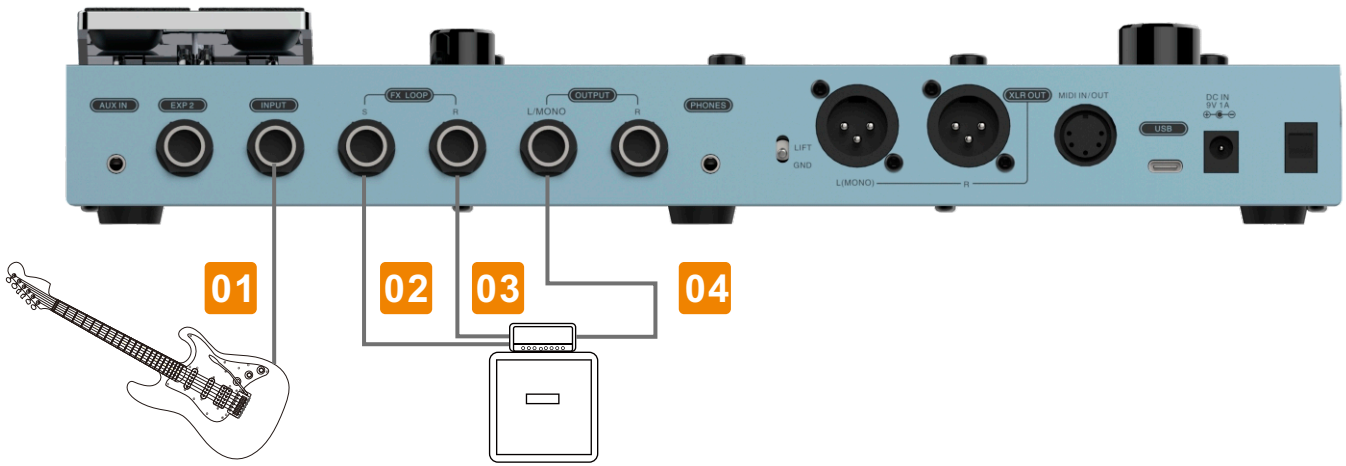


1.Connect to the INPUT of amplifier
2.The SEND of the amplifier connects to the INPUT of FX200
3.The RETURN of the amplifier connects to the OUTPUT of FX200

Recommend Setup

Four-Cable Method

You can use the FX200 with an amplifier via the four-cable method, as the FX200 has an integrated FX LOOP. The FX200 effects will play the role of pre-pedal and post-pedal.
Please follow the instructions below to set up:
1. Turn on the FX LOOP in the FX200 and set it to SERIAL mode.
2. Turn off the AMP and CAB module, to prevent unexpected results.
3. Select modules and change the order of them to place before or after FX LOOP.



1.Connect to guitar
2.The SEND of the FX200 connects to the INPUT of amplifier
3.The RETURN of the FX200 connects to the SEND of amplifier
4.The OUTPUT of the FX200 connects to the RETURN of amplifier

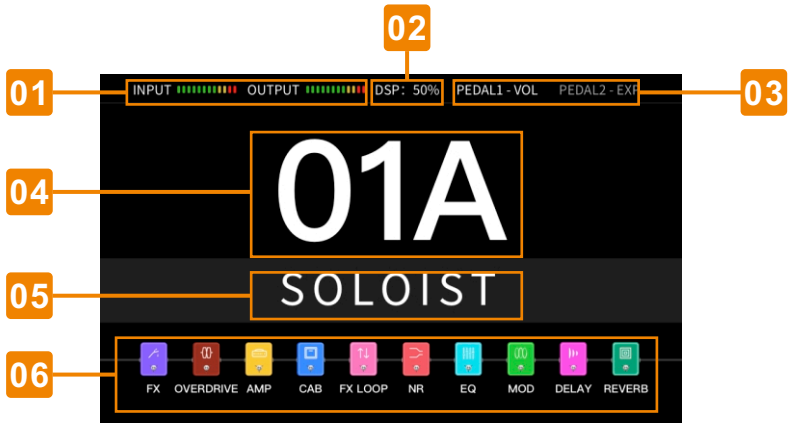
Quick Tour

Start up

Set up the connections following the recommended setup above according to your situation.
Rotate the MASTER knob to its minimum value.
Plug in the power cord, press the power switch to turn it on;
After the FX200 boots up successfully, rotate the MASTER knob to adjust the volume level.

Home Display

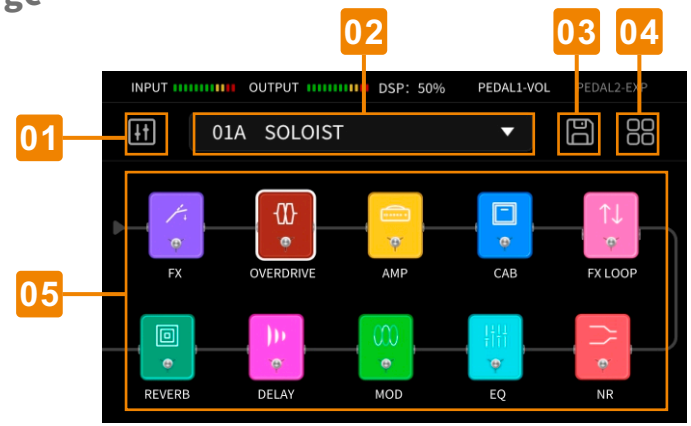
Home display after boot up.



1.Input level indicator
2.DSP source display. Indicates current DSP usage.
3.Expression pedal display. Shows current function of PEDAL 1 (internal pedal) and PEDAL 2 (external pedal).
4.Number of currently selected preset patch.
5.Name of currently selected preset patch
6.Effects chain
Touch the screen to edit parameters.

Quick Tour

Editing Page



1.Quick setting menu
2.Preset patch list
3.Preset saving button
4.Setting menu
5.Effects chain of currently selected preset patch

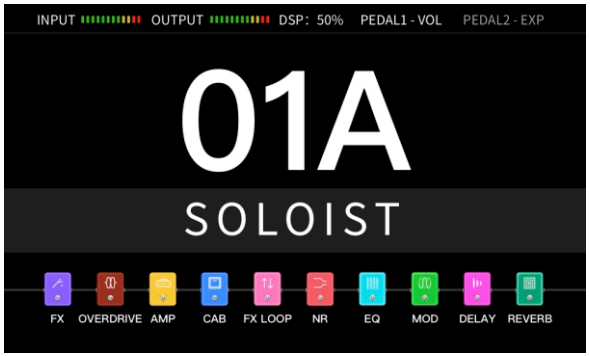
EdiIf the editing page is idle for 10 seconds, the FX200 will return to the home display.ting Page

Select Preset

The FX200 has 10 effects modules. Users can adjust the order of the effects chain, change module type, edit parameters, customize expression pedal controls, Footswitch, and save settings as a preset patch for use. There are 100 preset banks with two preset patches per bank, for 200 preset patches in total.
You can adjust the preset patch via the following methods below:

1.VALUE Knob

Rotate the VALUE to switch between preset patches.

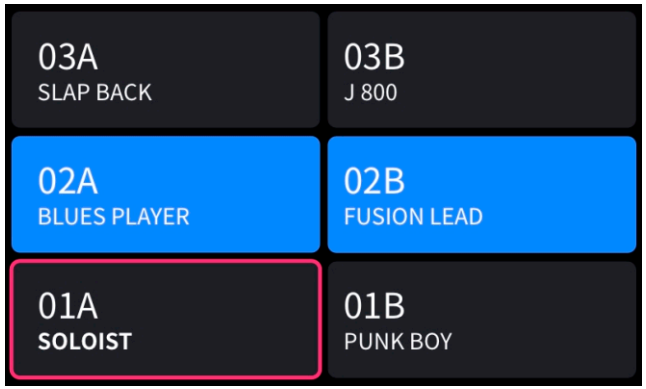


2.Footswitch

In NORMAL mode, press the ⌄ or ⌃ buttons to select between preset patches. The PINK cursor will show currently selected preset patch. The BLUE highlighted preset bank is the currently selected bank. After bank is selected, press Footswitch A or Footswitch B to select a preset patch from the current bank and quit the preset mode. You can switch between two preset patches in the same bank by pressing Footswitch A and Footswitch B directly.

Press the ⌄ and ⌃ simultaneously to quit preset select mode without selecting preset.

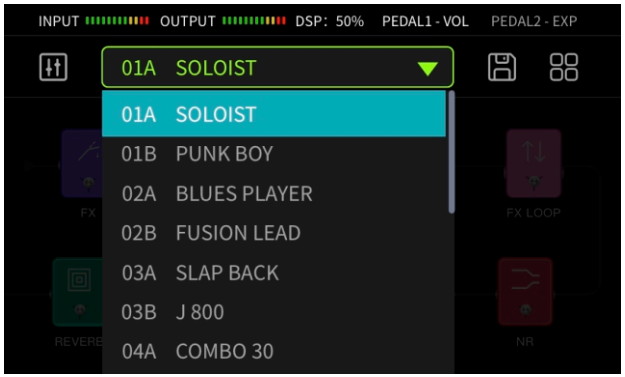
Select Preset



In the FAVORITE preset mode, users can access four preset patches directly via four footswitches.

3.Preset list

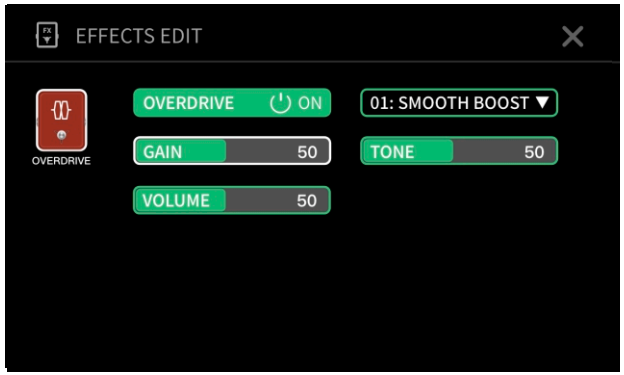
Click on the preset name on the home page to open the drop-down preset list, scroll up/down or rotate VALUE to select a preset.



Preset Editing

On/Off: In the editing page, click to select a module, press the VALUE, or click on the power switch icon in the parameter page to turn on/off current module.

Parameter editing: In the editing page, click to select a module, click on the module again to enter parameter editing menu.



In the parameter page, click on the power switch to turn On/Off current module.
Click on the module type to open the drop-down menu, you can scroll up/down or rotate the VALUE to select a module type.
Click and drag on the parameter area to adjust the values, or you can rotate VALUE to adjust them.

Click on the ✕ at the top right corner to quit the parameter editing page.

Quick Tour

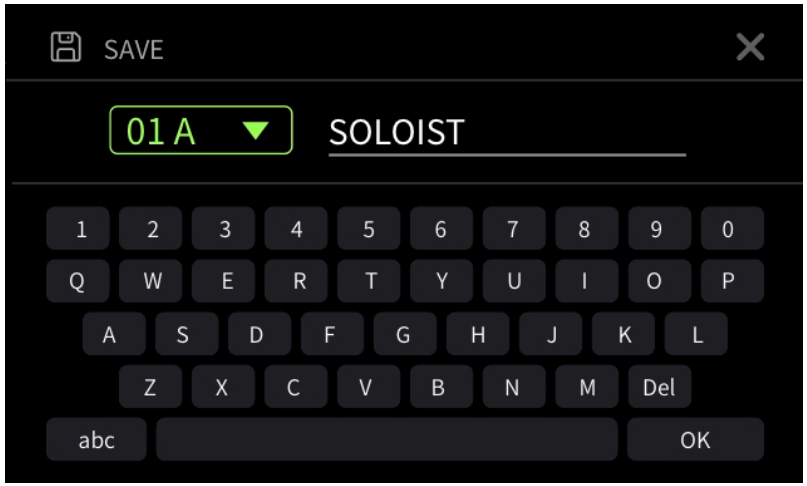
Order of Effect Chain

In the editing page, click to select a module, then you can adjust the order of it by rotating VALUE knob.

Notes:
1.Any effects chain order changes need to be saved manually.
2.When the LEFT and RIGHT settings of GLOBAL CAB are different, the CAB module will be placed at the end of the effect chain.

Preset Saving

After preset editing is finished, click on  in the right corner to enter preset saving page.

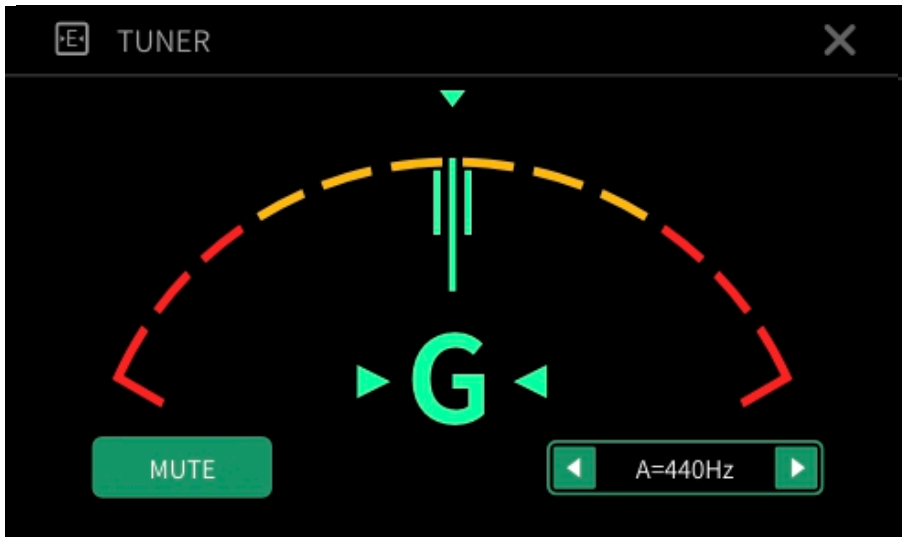


Click on the preset number on the top left corner to open the preset list, scroll up/down or rotate VALUE to select a preset slot for saving.

You can then rename your preset. It supports up to 15 characters. Click on OK to confirm save and go back to the editing page. You can also click on the  on the top right corner to cancel save and go back to the editing page.

Tuner

Press and hold the ^ and Footswitch A simultaneously to enter the TUNER page.



Play a note and the screen will display the current note name and pitch. The cursor stays at the middle denoting the target for in tune.

Click on the MUTE at the bottom left to switch between MUTE and BYPASS. It is set to MUTE by default.

Click on the arrow icon at the right bottom corner to adjust the frequency. It is set to 440Hz as default. It can be adjusted from 435Hz TO 445Hz.

You can click on the X on the top right corner and press any footswitch to quit the tuner.

Looper

Fx200 has an integrated 52-second stereo looper. Press and hold the Footswitch A+B for 2 seconds to enter looper function.

Click on the preset name on the top left corner, then rotate VALUE to select a preset tone.

Click and drag on the REC VOL, or rotate via VALUE to adjust the recording volume level.

Click and drag on the PLAY VOL, or rotate via VALUE to adjust the playback volume level.

When the looper is empty, press the button to start recording the first layer. The footswitch LED indicator will stay RED, REC will be highlighted on the screen, and the progress bar and timer will start.

In REC mode, press the to dub another layer. The footswitch LED indicator will turn PURPLE and DUB will be highlighted on the screen. The progress bar will be shown in PURPLE.

Looper

In the REC or DUB mode, press ^ in to start PLAY. The footswitch LED indicator will turn BLUE. PLAY will be highlighted on the screen and the progress bar will be shown in BLUE. Press ^ to STOP playing, the footswitch LED indicator will blink in YELLOW, and STOP will be highlighted on the screen. The progress bar and timer will be cleared.

Press Footswitch A to turn on the ONE SHOT function, the footswitch LED indicator will turn YELLOW. If you start to PLAY, the recorded track will be played only once and then stop. The ONE SHOT will be off after playing is finished. You can press Footswitch A during the first playback to cancel ONE SHOT, and the recorded track will begin looping.

Press and hold Footswitch A for 2 seconds to clear all of the recorded track. After it is cleared, the footswitch LED indicator will turn WHITE and CLEAR will be highlighted on the screen.

Notes:

1.When the recording capacity is full (52 seconds), the looper will stop recording and switch to PLAY automatically.

2.Looper data will be cleared after the FX200 is powered off.

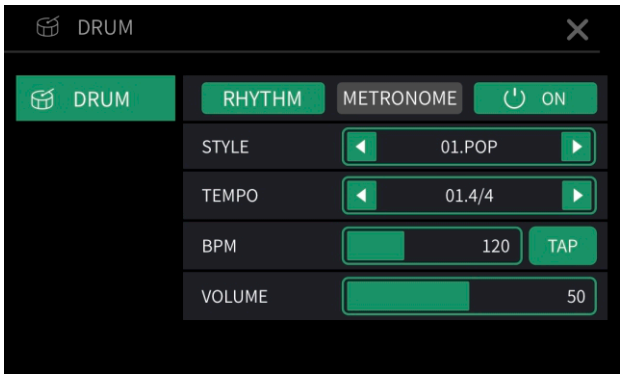
3.You can set up the looper mode in the MENU-SYSTEM-LOOPER. PRE mode for putting the looper at the first position of the effects chain, which allows you to record the dry guitar signal for parameter adjustment; or POST mode for putting the looper at the end of the effects chain, where adjusting effects will not affect the recorded signal playback.

DRUM

The FX200 has 8 different styles of drum grooves. Each style has 10 different rhythm types.

In the looper menu, press Footswitch B to turn on/off drum machine. The footswitch LED indicator will turn BLUE.

Press and hold Footswitch B for 2 seconds to enter TAP TEMPO mode. The footswitch LED indicator will blink in GREEN. In this mode, press the footswitch for more than two times to set the speed of drum machine. The BPM value and the blinking rate will indicate current playing speed.



On this page, press RHYTHM or METRONOME to select it.

Press the power switch icon to turn on/off the drum machine or metronome (same as pressing Footswitch B).

STYLE: Select a style of drum machine. Click on the left or right arrow, or rotate VALUE to select a style.

TEMPO: Select a rhythm type of the drum machine or the metronome.

DRUM

BPM: Set up the playing speed of the drum machine or metronome. Press and drag, or rotate VALUE to adjust speed, ranges from 40 to 260 BPM. Click on the TAP icon for times to set up a speed with TAP TEMPO (The same as pressing Footswitch B via TAP TEMPO).

VOLUME: Adjust the volume level of the drum machine or metronome. Press and drag or rotate VALUE to adjust volume level, it is set to 50 as default, ranging from 0 to 100.

Click on the  at the top right corner to return to the looper page.

LOOPER & DRUM

The FX200 supports turning on DRUM and LOOPER simultaneously for practice or recording. Please follow the instructions below to let the recorded track sync with drum machine.

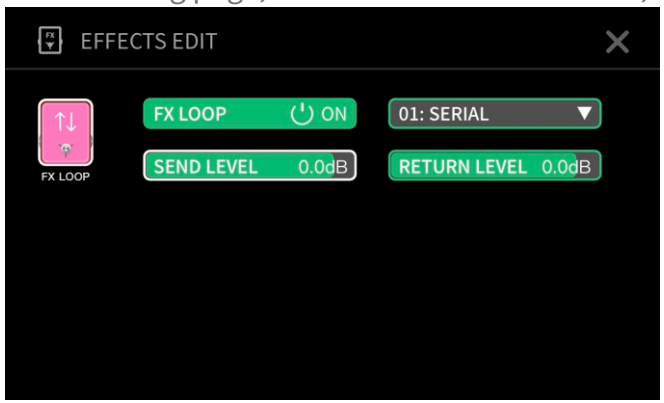
- Turn on drum machine and select a rhythm type;
- In the looper page, start recording then the drum machine will restart and sync with looper.
- When you do the PLAY or DUB around the end of a bar, the looper will sync with drum machine for play.
- If you do the PLAY or DUB when it is less than ½ of current bar, the drum machine and looper will restart from the beginning. The last bar of the recorded track will be deleted.
- If you do the PLAY or DUB when it is more than ½ of current bar, the recording will last until current bar finishes then it will start to PLAY or DUB.
- If you stop the looper then PLAY, the drum machine will sync with the looper and start from the beginning.
  For example: The Rhythm is set as 4/4. Turn on the drum machine - if you start to REC through the first beat of the third bar then hit PLAY or DUB, the looper and drum machine will restart from the beginning, and the first beat of the third bar will be deleted. Therefore, only two bars are recorded.

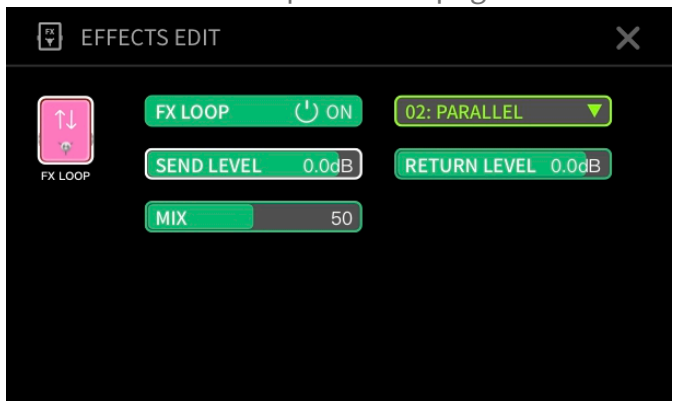
If you hit PLAY or DUB at the third beat of the third bar, the looper will keep recording until the third bar finishes, then PLAY or DUB. Therefore, these three bars will be recorded completely.

The sync function does not support the situation below:
Before turning on the drum machine, the looper is already recording.
When the drum machine syncs with looper, the speed of the drum machine is changed.
When the drum machine syncs with the looper, the style of the drum machine, or the rhythm type is changed.

FX LOOP

Fx200 has an integrated FX LOOP, for connecting to external pedal or four-cable-method.
In the editing page, select the FX LOOP module, and click to enter the parameter page.





Click on the power switch icon to turn FX LOOP module on/off.

Click to select from SERIAL or PARALLEL mode.

Click and drag the SEND LEVEL to adjust the output volume level of the FX LOOP, range from -60dB to 6dB. It is set to 0dB as default.

Click and drag the RETURN LEVEL to adjust the input volume level of the FX LOOP, range from -60dB to 6dB. It is set to 0dB as default.

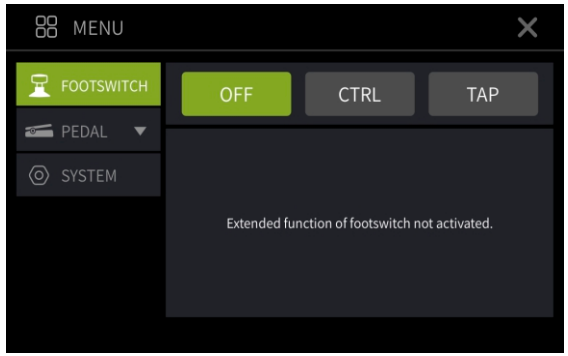
In PARALLEL mode, adjust the MIX to set up the mix rate of the internal signal and the external signal, ranges from 0 to 100 - 0 for 100% internal signal, 100 for 100% external signal, and it is set to 50 as default. (The volume level of the internal signal and external signal are the same.)

Like other modules, you can change the position of the FX LOOP in the effects chain. Select FX LOOP module and rotate the VALUE to change its position.

FOOTSWITCH

You can extend the function of footswitch to let the footswitch control more parameters/functions. Click on the on the top right corner to enter the MENU page. Select FOOTSWITCH to set up it. You can select from OFF, CTRL and TAP.

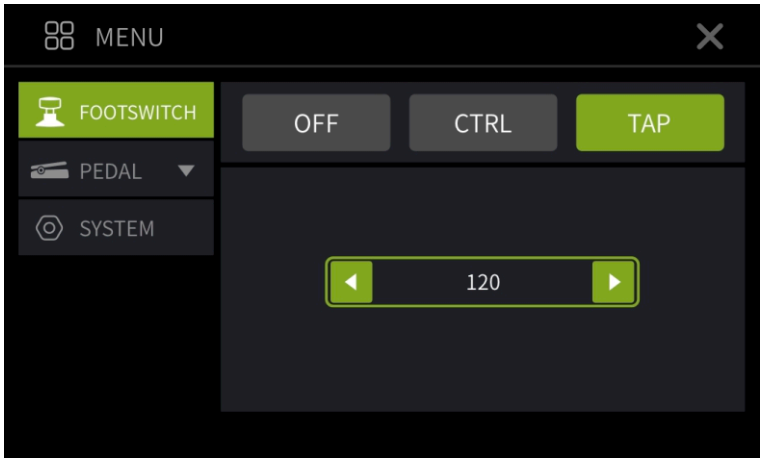
OFF: Turn off the extended function of the footswitch. Pressing the footswitch will not activate the CTRL or TAP function. The footswitch LED indicator will stay GREEN.



CTRL: Select to set the footswitch as the CTRL function. Select a module below to set up. The selected one will be highlighted. You can then press the currently selected preset footswitch to turn on/off a module. The footswitch LED indicator will switch between BLUE and PURPLE to indicate if a module is on/off.

FOOTSWITCH

TAP: You can set the footswitch as the TAMP TEMPO function for setting the speed of the delay effect. The footswitch LED indicator will blink in RED. Press the footswitch more than two times to set up the delay time. Click on the arrow icon or rotate the VALUE to adjust the delay time precisely. The number below represents the BPM value. The footswitch LED indicator will blink according to the current speed.



Notes:

1.Footswitch settings need to be saved to the current preset patch after any changes.
2.Users can switch between CTRL and TAP functions via press and hold preset footswitch.
3.Before using the TAP function, please turn on the SUB-D function in the DELAY effect.

PEDAL

The FX200 has an internal pedal, and it also allows users to connect an external pedal via the EXP2 input for use. It is recommended to use ¼” TRS cable for connecting.

In the MENU page, select PEDAL to set up the pedal. PEDAL 1 for internal pedal, PEDAL 2 for external pedal.

EXPRESSION: You can utilize the expression pedal to control single parameters or multi-parameters at the same time.

Set the internal pedal: Select PEDAL 1 on the left area, then select EXPRESSION on the top, the LED indicator of EXP will illuminate. Select the module, parameters, and the range you wish to control. After the setting is complete, the parameter will be highlighted, now you can control the parameter via moving the external expression

Set the external pedal: The expression pedal setting of PEDAL 2 is the same as PEDAL 1.

If you would like to cancel a parameter controlled by expression pedal, you can click to select the parameter, then click on DELETE to cancel it. The parameter will no longer be highlighted.

PEDAL

WAH:
Select FX in editing page, then choose the 95 CRY or 535 CRY module.
Select EXPRESSION then set to FX and select POSITION.
In this mode, you can press the expression pedal heavily to turn it on/off.

Note: Once the expression pedal function has been set up, a save needs to be executed.

VOLUME: Set the internal pedal as the volume pedal. You can utilize this function to control the master output volume level via the internal pedal

Select PEDAL, and then select VOL. The LED indicator of EXP will be off. You can set up the minimum value and the maximum value. 0 for on output signal, 100 for maximum volume level.

Notes: When the EXP LED indicator is On, the pedal works as an expression pedal.When the EXP LED indicator is Off, the pedal works as the volume level pedal.

PEDAL

CALIBRATE: Please calibrate the pedal before using for the first time. When the pedal does not work properly, to try to calibrate it again for use.

Select CALIBRATE. Select from PEDAL 1 (internal pedal) and PEDAL 2 (external pedal) for calibrating.

MIN: Set up the minimum position. Click to select MIN, then move the pedal to heel down position.

MAX: Set up the maximum position. Click to select MAX, then move the pedal to toe down position.

PRESS: Set up the pressure of turn the pedal on/off. Click to select PRESS, then press the pedal heavily according to your preference.

Click on OK to finish the calibration. “Pedal setting complete” comes up for calibrating successfully. “Please set again” comes up for failure, if this happens, please try to calibrate it again according to the instructions above.

SYSTEM

In the MENU page, select the SYSTEM to enter the system setting menu. You can adjust the global setting in this menu.
Click the arrow at the bottom to scroll through the pages.

BRIGHTNESS

Adjust the brightness of the display. It is set to 100 as default.

INPUT LEVEL

Adjust the global input level, ranging from -60dB to + 6dB. It is set to 0 as default (no enhancement or damping)

GLOBAL EQ
Global EQ setting for all outputs (OUTPUT/XLR OUT/PHONES). It allows users to adjust tones quickly according to the situation.

Click the power switch icon to turn on. The three bands have the same range: 40~20000Hz, with GAIN ranges from -12dB to 12dB.

HIGH CUT can be turned on/off, ranges 20000-3000Hz, it is set to off as default.

LOW CUT can be turned on/off, ranges 40-1000Hz. It is set to off as default.

Notes: When the global EQ is off, the parameters cannot be adjusted.

CAB SYNC

Press CAB SYNC to toggle the SYNC function between the AMP and CAB modules.
When it is on, if you switch to a different amp model in the parameter page, the cabinet simulation will switch to the corresponding selection to pair with the currently selected amp model.
When it is off, cabinet simulations will not sync with amp model if the amp model is changed.

GLOBAL CAB

This function is for the signal of all of the outputs (OUTPUT/XLR OUT/PHONES). You can decide if the CAB SIM is on/off in the left/right channel. If it is highlighted, it means the current channel goes through the CAB SIM, otherwise the current channel bypasses the CAB SIM.

Notes: If the setting of left channel and right channel are different, the CAB will be placed at the end of the effects chain, which means it cannot be moved in the effects chain.

FS MODE

NORMAL: Traditional footswitch mode, press ⌄ or ⌃ to cycle through preset banks, then press footswit
A or B to select preset patch.

FAVORITE: You can assign four favorite preset patches into four footswitches. In this mode, press and hold a footswitch, then select a preset patch. Press and hold the VALUE to confirm, then you can press the footswitch to access your favorite preset patch that you just set up.

DLY REV SPILL-OVER

You can set up the trail function of the delay/reverb effects.

When it is set to on, when you turn on/off delay/reverb effect, or switching between two presets which both have delay/reverb effect, the preset tone will fade out naturally.

Notes:

1.When switching between two preset patches with delay/reverb, to get the best result, the parameter setting of those delay/effect module should not be extremely different.

2.If the delay/reverb types of two preset patches are different, the trail of preset tone will not fade out naturally if you switch between these presets.

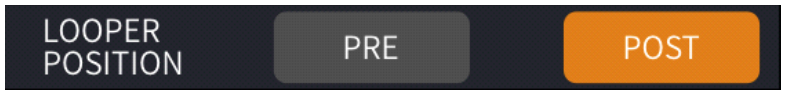
LOOPER POSITION

Set up the position of the looper module.

PRE: Pre mode. The looper will be placed as the first module in the effect chain. Looper will record the dry signal directly. You can change the result via adjusting the parameters of the effects chain.

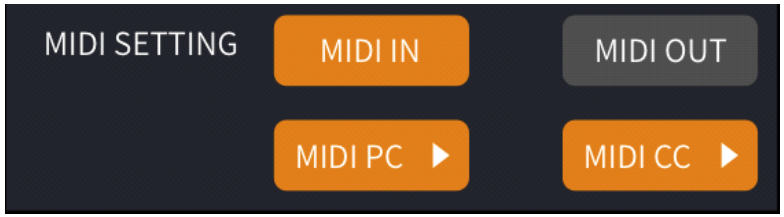
POST: Post mode. The looper will be placed at the end of the effects chain. Looper will record the signal processed by the effects chain like a traditional looper does. It is set to POST as default.

The possibility of switching between the two modes at any time during the use of the phrase loop function.



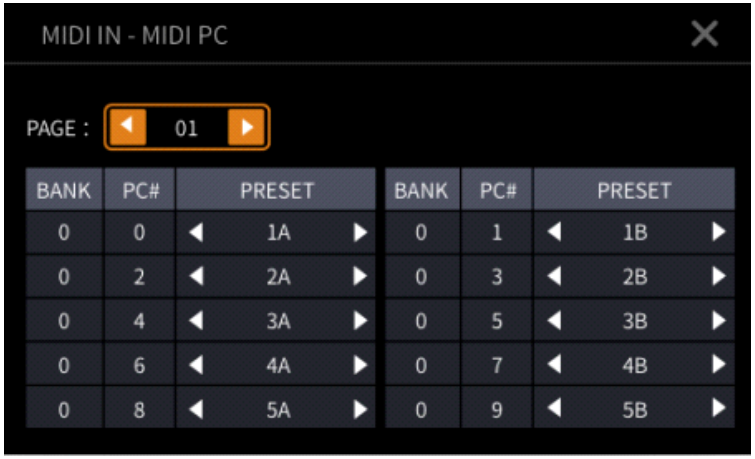
MIDI SETTING

Set up the MIDI port of the FX200.

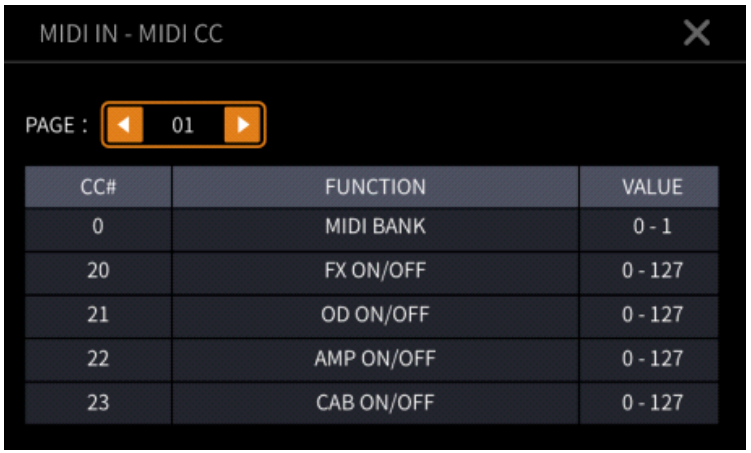


Select from MIDI IN and MIDI OUT. When it is set to MIDI IN, the FX200 can be controlled by external devices via MIDI, changing presets, or control parameters. When it is set to MIDI OUT, FX200 can control other external devices via MIDI for preset switching (MIDI PC#);

In the MIDI IN mode, click to select MIDI PC to access the MIDI mapping list. You can scroll between pages to look through all the MIDI codes.



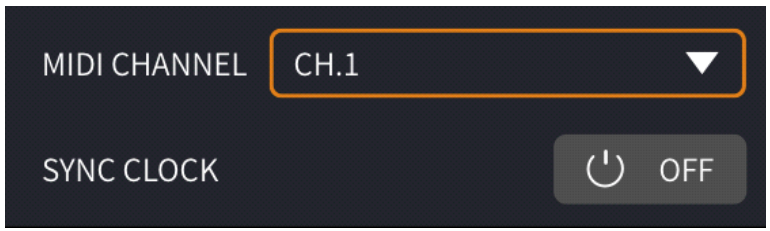
Click the MIDI CC to access the CC code list. You can scroll between pages to look through all the MIDI codes.



In the MIDI OUT mode, click MICI PC to enter PC code list. You can scroll between pages to look through all the PC codes.

MIDI CHANNEL:
Click on the MIDI CHANNEL block to open the drop-down menu of the MIDI channel. You can select from 16 channels, or set it as OMNI (All the channels are selected, but only available in MIDI IN mode).

SYNC CLOCK:
Turn On/Off the MIDI clock function. When it is On, in the MIDI IN mode, the FX200 can receive the MIDI clock signal and sync with external devices. In the MIDI out mode, the FX200 can also send the MIDI clock signal for syncing the external device controlled by the FX200.



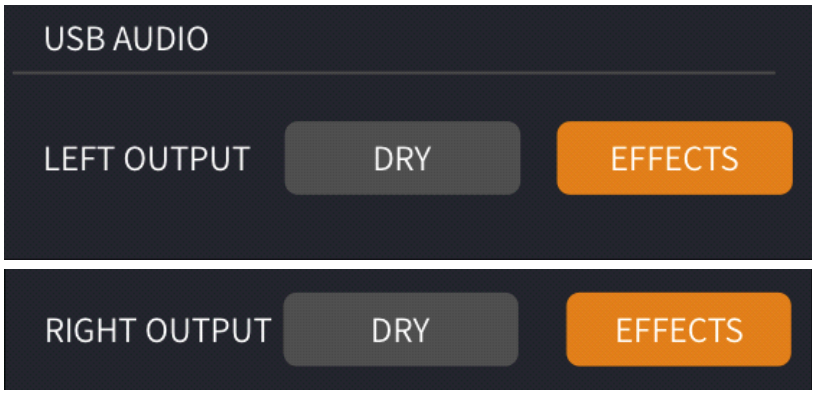
USB AUDIO:

The FX200 can work as a 24 bit 44.1kHz audio interface for low-latency recording. This can work with most DAW on Windows and MacOS platforms.

Windows users need to install the ASIO drivers for direct recording/monitoring. Please visit the FLAMMA official website www.flammainnovation.com, and find the FX200 page to download. Mac users do not need to install it for use.

LEFR/RIGHT OUTPUT:

Set up the left/right channel of the USB audio output. Dry for signal from the guitar directly, with any effects. EFFECTS for the signal that goes through the FX200.



REC VOL:
Recording volume level. It is set to 50 as default, and the volume level of USB audio and the DSP signal are the same; when it set to 0, the USB audio output will be muted.

PLAY VOL:
Playback volume level. It is set to 50 as default, the volume level of the USB audio and the DSP signal are the same; when it is set to 0, the DSP signal will be muted.

MIX:
The mix rate of the direct monitoring and the USB audio playback. It is set to 50 as default, and the volume level of direct monitoring and USB audio playback will be 1:1. When it is set to 0, only the direct monitoring works. When it is set to 100, only the USB audio playback works.

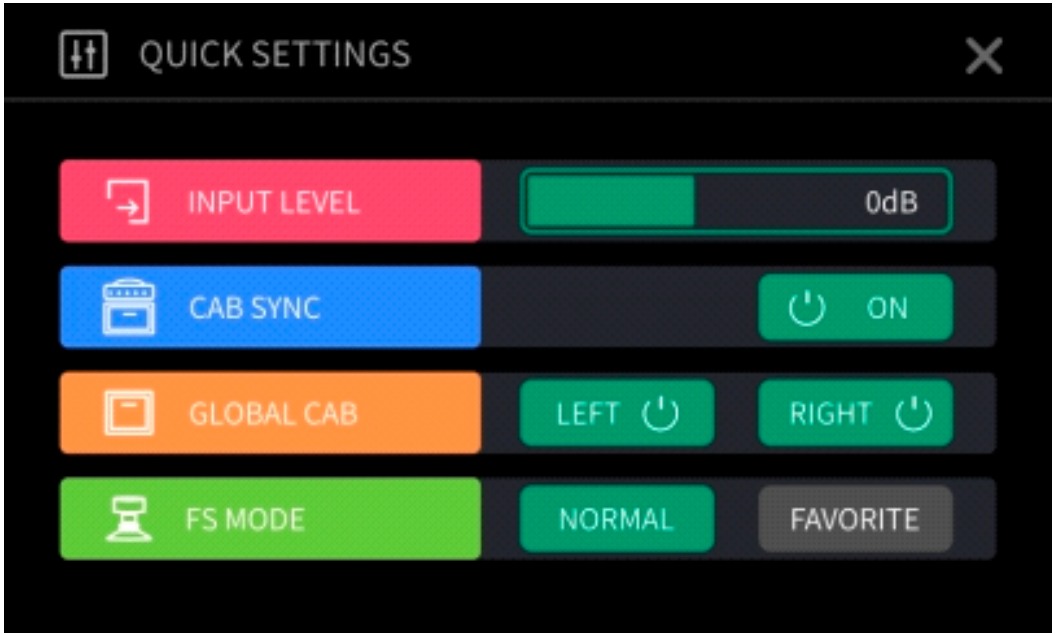
LANGUAGE:
You can choose between Chinese and English as the display language.

RESET:
Click on RESET, then select YES to reset your FX200 to factory settings. Select NO to cancel reset.

Notes:
1. Factory reset will clear all user preset patches and imported third-party IR files. We recommend backing up your FX200 with the computer editor software before reset.
2. Please do not power off the FX200 during reset procedure to avoid unexpected issue.

QUICK SETTINGS

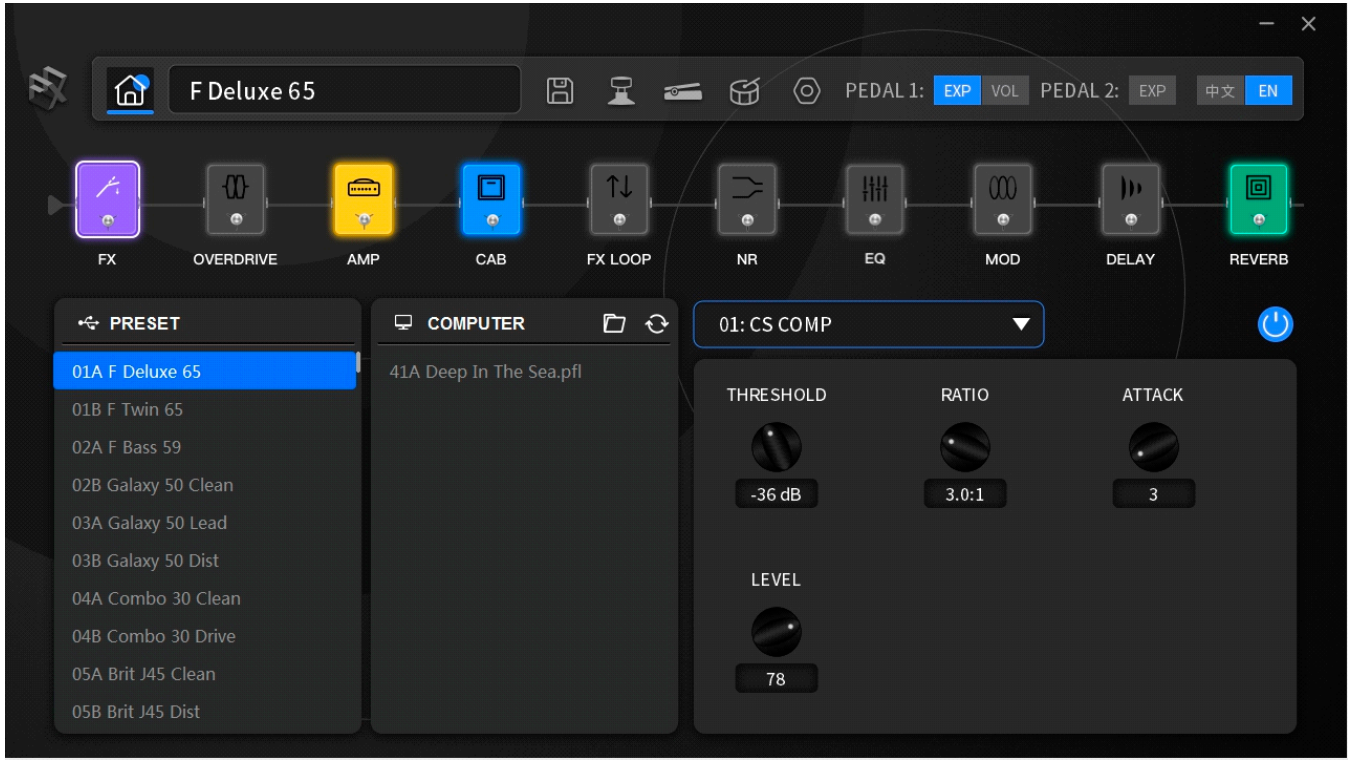
Click on the icon in the editing page to enter the quick settings menu. In this menu, you can set up the system settings quickly, including INPUT LEVEL, CAB SYNC, GLOBAL CAB, and FS MODE.



FX 200 Editor Software

FX200 allows users to use editor software on their computer for tone editing, preset management, preset backup, firmware updates, and loading third-party IR files.

Please log in to the FLAMMA official website www.flammainnovation.com and enter the FX200 page to get the editor software.



Effect List

FX		
Num	**Effect Name**	**Description**
1	CS COMP	Based on BOSS® CS-3 compressor effect
2	JR COMP	Based on Diamond® Comp Jr compressor effect
3	AUTO WAH	Automatic wah effect
4	95 CRY	Based on Dunlop® GCB 95 wah effect
5	535 CRY	Based on Dunlop® Cry Baby 535Q wah effect
6	TALK AH	Mimic the voice of "AH" wah effect
7	TALK OH	Mimic the voice of "OH" wah effect
8	DYNAMIC WAH	According to the dynamic of play to generate a wah effect automatically

Effect List

OVERDRIVE		
Num	**Effect Name**	**Description**
1	SMOOTH BOOST	Based on Xotic® AC Booster
2	CLEAN BOOST	Based on Xotic® RC Booster
3	DARK RAT	Based on Pro Co® Rat distortion effect
4	GOLD BOX	Based on Klon® Centaur Gold overdrive effect
5	RIOTER	Based on Suhr® Riot distortion effect
6	SCREAMER 808	Based on Ibanez® TS808 overdrive effect
7	TUBE OD	Based on B.K.Butler® Tube Drive tube overdrive effect
8	ML ZONE	Based on BOSS® Metal Zone distortion effect
9	ML MASTER	Based on Digitech® Metal Master distortion effect
10	TIGHT GAIN	Based on Amptweaker® TightRock distortion effect

Effect List

11	TIGHT METAL	Based on Amptweaker® TightMetal distortion effect
12	VX SILVERY	Based on VOX® Tube OD overdrive effect
13	DIRECT OD	Based on Barber® Direct Drive overdrive effect
14	OBSESSIVE OD	Based on Fulltone® OCD distortion effect
15	UK SHREDDER	Based on Marshall® Shred Master distortion effect
16	FULL DS	Based on Fulltone® Full-Drive 2 distortion effect
17	RED 500	Based on Fulltone® GT-500 distortion effect
18	JIMMY DRIVE	Based on Paul Cochrane® Timmy OD overdrive effect
19	BEEBEE PREAMP	Based on Xotic® BB Preamp overdrive effect
20	BEEBEE PLUS	Based on Xotic® BB Plus distortion effect
21	ROUND FUZZ	Based on Dunlop® Fuzz Face fuzz effect
22	SILVERY FUZZ	Based on EHX® Big Muff fuzz effect

Effect List

AMP		
Num	**Effect Name**	**Description**
1	US 65 DR	Based on Fender® 65 Deluxe Reverb preamp section
2	US 65 TR	Based on Fender® 65 Twin Reverb preamp section
3	59 BASSGUY	Based on the Fender® 59 Bassman preamp section.
4	GALAXY 50 CL	Based on Supro® Galaxy Combo channel 1
5	GALAXY 50 OD A	Based on Supro® Galaxy Combo channel 2 (Boost on).
6	GALAXY 50 OD B	Based on Supro® Galaxy Combo channel 2 (Boostoff)
7	UK COMBO CL	Based on Vox® AC30 clean channel
8	UK COMBO OD	Based on Vox® AC30 overdrive channel
9	BRIT J45 CL	Based on Marshall® JTM 45 clean tone
10	BRIT J45 DS	Based on Marshall® JTM 45 overdrive tone

Effect List

11	BRIT J800	Based on Marshall® JCM 800 preamp section
12	BRIT J900 CL	Based on Marshall® JCM 900 clean tone
13	BRIT J900 DS	Based on Marshall® JCM 900 distortion tone
14	BRIT J410 CL	Based on Marshall® JVM 410 clean channel
15	BRIT J410 DS	Based on Marshall® JVM 410 distortion channel
16	BRIT PLEXI	Based on Marshall® Plexi 100 preamp section
17	BRIT M9004 CL	Based on Marshall® MGP 9004 preamp clean tone
18	BRIT M9004 CR	Based on Marshall® MGP 9004 preamp Crunch tone
19	BRIT M9004 DS	Based on Marshall® MGP 9004 preamp distortion tone
20	FRYMAN 50 CL	Based on Friedman® BE50 clean tone
21	FRYMAN 50 CR	Based on Friedman® BE50 Crunch tone
22	FRYMAN 50 DS	Based on Friedman® BE50 distortion tone

Effect List

23	FRYMAN 100 CL	Based on Friedman® BE100 clean tone
24	FRYMAN 100 OD	Based on Friedman® BE100 Crunch tone
25	FRYMAN 100 DS	Based on Friedman® BE100 distortion tone
26	Archean 100 CL	Based on Paul Reed Smith® Archon 100 clean channel
27	Archean 100 DS	Based on Paul Reed Smith® Archon 100 Lead channel
28	CITRUS 100 CL	Based on Orange® TH100 clean channel
29	CITRUS 100 DS	Based on Orange® TH100 distortion channel
30	CUSTOM 100 CL	Based on Custom Audio Amplifiers® OD100 clean tone
31	CUSTOM 100 DS	Based on Custom Audio Amplifiers® OD100 distortion tone
32	US CLASSIC CL	Based on Peavey® Classic 50 clean channel
33	US CLASSIC DS	Based on Peavey® Classic 50 distortion channel
34	5153 GREEN	Based on EVH® 5150 III clean channel

Effect List

35	5153 BLUE	Based on EVH® 5150 III Crunch channel
36	5153 RED	Based on EVH® 5150 III distortion channel
37	SOLO 100 DS A	Based on Soldano® SLO 100 Crunch channel
38	SOLO 100 DS B	Based on Soldano® SLO 100 distortion channel
39	CALI TEXAS CL	Based on Mesa Boogie® Lone Star channel 1
40	CALI TEXAS OD	Based on Mesa Boogie® Lone Star channel 2
41	CALI REC CL	Based on Mesa Boogie® Triple Rectifier clean channel
42	CALI REC DS	Based on Mesa Boogie® Triple Rectifier distortion channel
43	CALI V CR	Based on Mesa Boogie® Mark V Crunch tone
44	CALI V DS	Based on Mesa Boogie® Mark V distortion tone
45	SHIVANI CL	Based on Bogner® Shiva clean channel
46	SHIVANI OD	Based on Bogner® Shiva distortion channel

Effect List

47	ECSTATIC GREEN	Based on Bogner® Ecstasy clean channel
48	ECSTATIC BLUE	Based on Bogner® Ecstasy Crunch channel
49	ECSTATIC RED	Based on Bogner® Ecstasy distortion channel
50	HERBART CH2	Based on Diezel® Herbert channel 2
51	HERBART CH3	Based on Diezel® Herbert channel 3
52	DIZZY V4 CL	Based on Diezel® VH4 clean tone
53	DIZZY V4 CR	Based on Diezel® VH4 Crunch tone
54	DIZZY V4 DS	Based on Diezel® VH4 distortion tone
55	SEVERE DS A	Based on ENGL® Savage 120 Mark II Crunch channel
56	SEVERE DS B	Based on ENGL® Savage 120 Mark II Lead channel
57	POWER DS A	Based on ENGL® Powerball Crunch channel
58	POWER DS B	Based on ENGL® Powerball Lead channel

Effect List

CAB		
Num	**Effect Name**	**Description**
1	65 DR 112	Based on Fender® 65 Deluxe Reverb 112 cabinet
2	65 TR 112	Based on Fender® 65 Twin Reverb 212 cabinet
3	BASSGUY 410	Based on Fender® 59 Bassman 410 cabinet
4	GALAXY 112	Based on Supro® Galaxy Combo 112 cabinet
5	COMBO 212	Based on Vox® AC30 212 cabinet
6	1936 212	Based on Marshall® 1936 212 cabinet
7	1960 412 A	Based on Marshall® 1960A 412 cabinet
8	1960 412 B	Based on Marshall® 1960B 412 cabinet
9	FRYMAN 112	Based on Friedman® Small Box 112 cabinet
10	FRYMAN 412	Based on Friedman® 412 cabinet

Effect List

11	ARCHEAN 212	Based on Paul Reed Smith® Archon 212 cabinet
12	ARCHEAN 412	Based on Paul Reed Smith® Closed Back 412 cabinet
13	CITRUS 112	Based on Orange® PPC 112 cabinet
14	CITRUS 212	Based on Orange® PPC 212 cabinet
15	CITRUS 412	Based on Orange® PPC 412 cabinet
16	CUSTOM 412	Based on Custom Audio Amplifiers® 412 cabinet
17	US CLASSIC 212	Based on Peavey® Classic 50 212 cabinet
18	5153 412 A	Based on EVH® 5150III® 412 cabinet
19	5153 412 B	Based on EVH® 5150III® S EL34 412 cabinet
20	SOLO 412	Based on Soldano® Slant Classic 412 cabinet
21	CALI TEXAS 212	Based on Mesa Boogie® Lone Star 212 cabinet
22	CALI REC 412 A	Based on Mesa Boogie® Rectifier® STD OS Straight 412 cabinet

Effect List

23	CALI REC 412 B	Based on Mesa Boogie® Rectifier® STD OS Slant 412 cabinet
24	CALI V 412	Based on Mesa Boogie® Rectifier® Traditional Slant 412 cabinet
25	BOGNAR 412 A	Based on Bogner® SL 412 cabinet
26	BOGNAR 412 B	Based on Bogner® ST 412 cabinet
27	DIZZY 412 A	Based on Diezel® Rear-Loaded G12 412 cabinet
28	DIZZY 412 B	Based on Diezel® Rear-Loaded V30 412 cabinet
29	SEVERE 412	Based on ENGL® E412VSB 412 cabinet
30	POWER 412	Based on ENGL® E412XXL 412 cabinet
31~80	EMPTY	For loading third-party IR file via editor software on computer.

Effect List

NR		
Num	**Effect Name**	**Description**
1	SUPPRESSOR	Noise gate for after the distortion
2	REDUCER	Noise gate for before the distortion
3	GATE	Noise gate for after the distortion

EQ		
Num	**Effect Name**	**Description**
1	6 BAND EQ 1	6-band guitar equalizer, each band provides ±12dB gain.
2	6 BAND EQ 2	6-band guitar equalizer, each band provides ±12dB gain.
3	6 BAND EQ 3	6-band guitar equalizer, each band provides ±12dB gain.
4	4 BAND CUSTOM	4-band customized equalizer, each band provides ±12dB gain.

Effect List

MOD		
Num	**Effect Name**	**Description**
1	70S CHORUS	Classic analog chorus effect
2	TRI CHORUS	treble chorus effect
3	ANA FLANGER	Standard analog flanger effect
4	JET FLANGER	Jet flanger effect
5	70S PHASER	Standard sine wave phaser effect
6	STEP PHASER	Based on square wave phaser effect
7	HI-CUT PHASER	High-frequency-cut phaser effect
8	PITCH VIBRATO	Standard vibrato effect
9	VIBE ROTARY	Mimic the vibe rotary effect
10	TREMOLO	Classic tremolo effect

Effect List

11	STAMMER	Based on square wave shutter effect
12	DETUNE	Based on pitch shifter effect
13	RING	Ring sound modulation effect
14	LOFI	Low sample rate effect
15	SLOW GEAR	Slow attack effect
16	BAND-PASS	Band-pass filter effect
17	LOW-CUT	Low-frequency-cut filter effect
18	HI-CUT	High-frequency-cut filter effect
19	PITCH MONO	Mono pitch shifter effect
20	PITCH POLY	Polyphonic pitch shifter effect

Effect List

DELAY		
Num	**Effect Name**	**Description**
1	ANALOG	Warm and soft analog delay effect
2	REAL	Real echo delay effect
3	TAPE	Tape delay effect
4	DIGITAL	Standard digital delay effect
5	PINGPONG	Stereo-like Ping Pong delay effect
6	MOD	Delay effects with modulated tones
7	REVERSE	Delay effect with reverse playback
8	DYNAMIC	Digital dynamic delay effect
9	DUAL	Double delay effect with two independent delay times

Effect List

REVERB		
Nmb	**Effect Name**	**Description**
1	SPRING	Classic spring reverb effect
2	ROOM	Room reverb in small spaces
3	HALL	Hall reverb in larger spaces
4	CHURCH	Church reverb in a wide space
5	PLATE	Clear and bright reverb on metal panels
6	CAVE	Cave reverb with diffuse reflections on irregular surfaces
7	MOD	Reverb with modulated tones

Notes: All product names belong to their owners and are only used in this product and manual as a reference to tone types. This list is just for description.

Firmware Update

You can download the latest version of the FX200 editor software from the official FLAMMA website to update the firmware of your FX200. Here is the update procedure:

1.Download the latest version of the FX200 editor software.
2.Unzip the file and install it. If you have installed the old version, please ensure the install location of the new one is the same as that of the old one.
3.After the installation is complete, connect the FX200 to your computer via USB cable.
4.Press and hold VALUE, power on the FX200 by pressing the power switch. You can see the FX200 is booted to update mode.
5.Open the FX200 editor software, click on START to confirm updating.
6.Wait for a few seconds for loading.
7.After the update completes, the FX200 will reboot automatically. Then you can have connect it to a computer, where you can export your backup files.

Notes:

1. If the firmware version of FX200 does not change after the update is done, please check if the new version of the FX200 editor is installed successfully or not. If you find it is still the old editor software, we recommend uninstalling the editor software completely, then try installing the new version software for update.

2. Please do not power off the unit during the update, or interrupt the update, to avoid unexpected issues.

Specifications

Effects	
Type	**Description**
Num. of Effect Module	10
Num. of Effect	160
Num. of Preset Patch	200

Impulse Response	
Type	**Description**
File Format	.WAV
Sample Rate	44.1 kHz
Sample Accuracy	24 bit
Sample Point	1024 points

Specifications

Hardware	
Type	**Description**
AUX IN	1*1/8” unbalanced stereo input jack, impedance value 47kΩ
EXP 2	1*1/4” TRS jack, impedance value 10kΩ
INPUT	1*1/4” unbalanced mono input jack, impedance value 1MΩ
SEND	1*1/4” unbalanced mono output jack, impedance value 510Ω
RETURN	1*1/4” unbalanced mono input jack, impedance value 1MΩ
OUTPUT	2*1/4” unbalanced mono output jack, impedance value 600Ω
PHONES	1*1/8” stereo output jack, impedance value 47Ω
XLR OUT	2*balanced XLR output jack, impedance value 600Ω
MIDI	1*5-PIN MIDI female port
USB	1*USB TYPE-C port, for data transfer and USB AUDIO
DC IN	DC 9V 1A, center negative
SNR	A/D Converter 24-Bit 112 dB；D/A Converter 24-Bit 110 dB

Specifications

Others	
Type	**Description**
Dimensions	343x170x55mm (D×W×H)
Weight	1780g
Accessories	Power Supply, USB Cable, Quick Guide