FLAMMA

FB200
INTELLIGENT COMBINED EFFECTS PEDAL

Owner's Manual

Content

Important Notes

Please read carefully before use.

To prevent electric shock, short circuits, damage, fire, or other accidents caused by improper use, please strictly follow the basic precautions below. These precautions include but are not limited to the following. Please read carefully before operating:

Power Adapter

- Use a power adapter with the same specifications specified by the manufacturer, approved by relevant authorities, and compliant with local regulations (e.g., UL, CSA, VDE, CCC).
- Do not use the power adapter in damp environments.
- Regularly inspect the power adapter plug and cable for damage. Clean dust and dirt from the plug to avoid poor contact that may harm the product.
- Unplug the power adapter from the socket when not in use for an extended period or during thunderstorms.

Battery

- Do not turn on or charge the device when wet to avoid short circuits, electric shock, equipment failure, or fire.
- Use the designated charger to charge the battery to avoid leakage, overheating, malfunction, or explosion.
- Charge within the specified temperature range to prevent leakage, overheating, damage, or explosion due to high temperatures.
- To prevent accidents, do not charge in environments where flammable or explosive materials are stored. Ensure the power socket is accessible for immediate disconnection

in case of failure or emergencies.

- If the battery emits odors, abnormal sounds, or other issues during charging, stop charging immediately and contact after-sales service for inspection or repair.
- Do not disassemble or modify the battery yourself. Improper handling may cause equipment failure, chemical burns, or explosions. Contact after-sales service for maintenance.
- If battery leakage occurs, avoid contact with skin or eyes. If contact causes discomfort, seek medical attention promptly.
- To prevent fire or explosions, do not disassemble, crush, or throw the battery into fire or water. Do not use if the battery swells.
- Avoid using or storing the battery in high-temperature environments. Do not use the battery if it has been submerged in water.

Cleaning

- Do not use abrasive cleaning powders, alcohol, paint thinners, wax, solvents, detergents, or chemical agents to clean the surface, as they may damage the finish.

Placement

- Avoid prolonged exposure to direct sunlight.
- Keep the device away from heat sources.
- Do not store the device in excessively humid or dry environments for extended periods.

Safety Instructions

- Choking hazard due to swallowing of small parts, especially for children + Note on proper disposal of plastic covers and packaging to prevent choking hazard.
- Definition of intended use and notice that any other use, as well as use under other operating conditions, is considered improper use
- Disposal notice for packaging (recycling of packaging by sighting the correct method of disposal) and Waste Electrical Equipment notice which prescribes that the regulations in force in the customer's country must be observed with regard to the disposal of waste electrical equipment.
- Fire hazard due to incorrect polarity
- External power supply (does the voltage specification on the device match your power supply network, is there an earth leakage circuit breaker, disconnect the device from the network when not in use)
- Definition of operating conditions (indoor use, maintenance by specialized personnel)
- Possible damage from leaking batteries.

Performance Overview

- Equipped with 20 Bass-specific AMP/CAB models and 19 effect models.
- Supports custom ambient light bar settings for color and footswitch indicator via the app.
- Supports third-party IR loading with 9 IR loading slots.
- Compatible with tone-sharing via the app.
- Offers two operation modes: LIVE and PRESET.
- Features 40 preset slots for storing custom settings.
- Includes a built-in drum machine with 40 essential rhythm patterns.
- Integrated tuner functionality.
- Supports stereo headphone output.
- Enables Bluetooth playback functionality.
- USB supports OTG recording.
- Powered by a built-in lithium battery for portable use.
- Three-character digital display for precise parameter information.
- Compatible with FLAMMA mobile app and computer software.

Panel Description
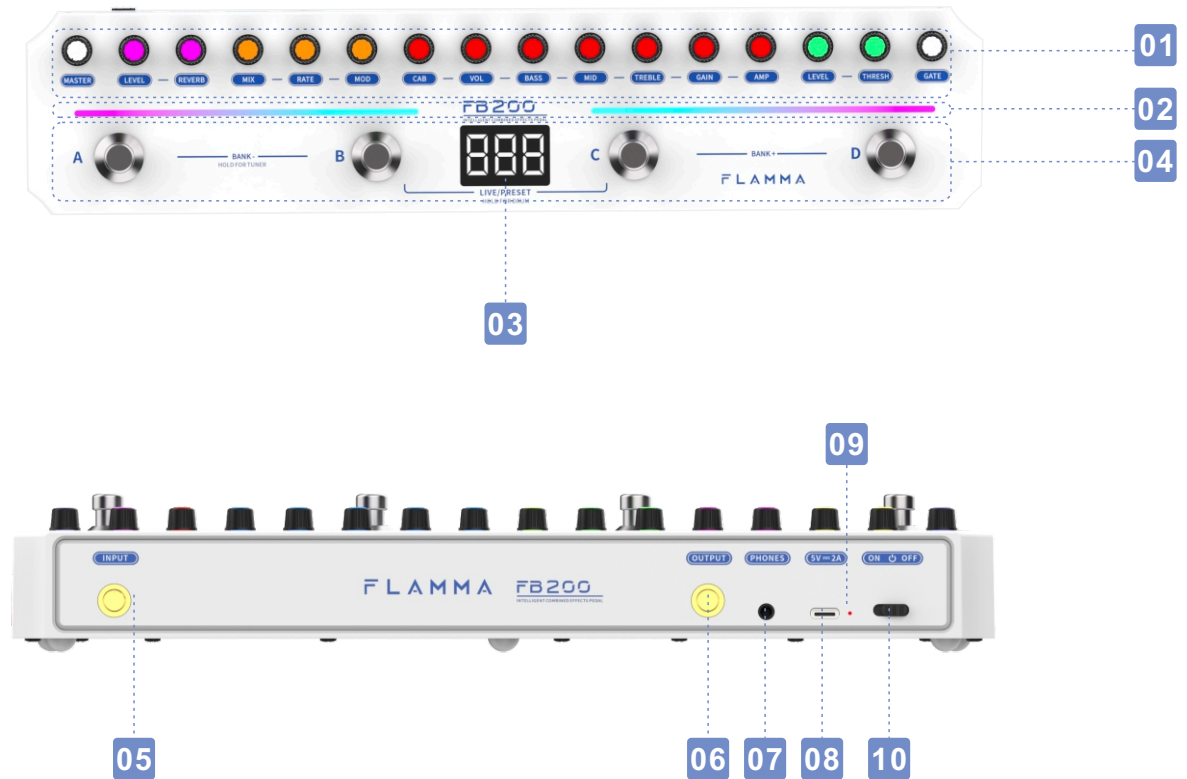
01 Module Knob

Rotate to turn effects on/off, select types, and adjust parameters.

02 Footswitch Light Bar

Indicates the footswitch status and allows color customization through the app.

03 Screen

Displays mode status, preset information, and parameter values via a three-character digital display.

04 A, B, C, D Footswitches

Switch between LIVE and PRESET modes and perform various control functions. Refer to the detailed manual for full descriptions.

05 INPUT Jack

1/4"mono input for connecting instruments.

06 OUTPUT Jack

1/4"mono output for connecting to amplifiers, audio devices, or other pedals.

07 PHONES Jack

1/8"stereo headphone output.

08 USB-C Port

For charging (5V/2A) or connecting devices for OTG recording.

09 **Battery and Charging Indicator**

- Green/Yellow/Red light indicates battery level.
- Red flashing light means charging is needed.
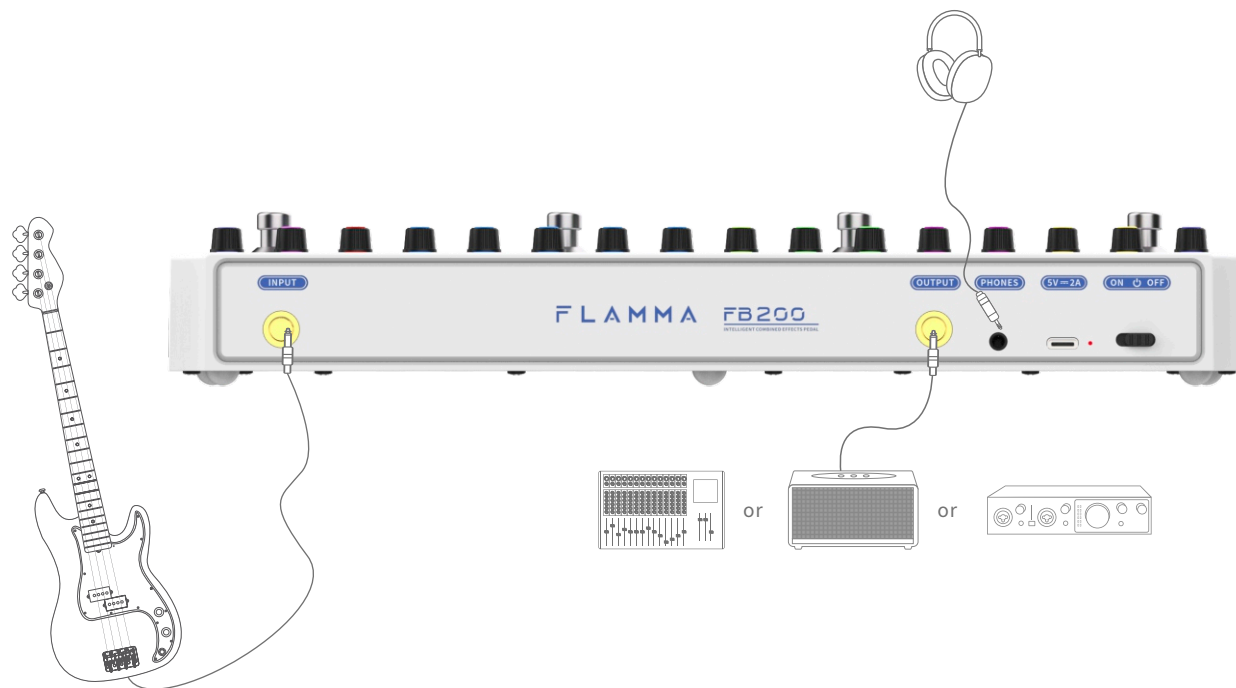- Solid red indicates charging in progress; solid green indicates full charge.

10 **Power Switch**

Slide to ON to power on, and OFF to power off.

# Device Connections

Standard Connection

Follow the diagram below to properly connect the device.

or   or

OTG Connection

Connect the device to a smartphone or tablet using a USB cable for OTG recording. Depending on the device's port type, an OTG adapter may be required. Adjust the OTG recording volume via the app. Monitoring is supported through the headphone or OUTPUT jack.

or   or
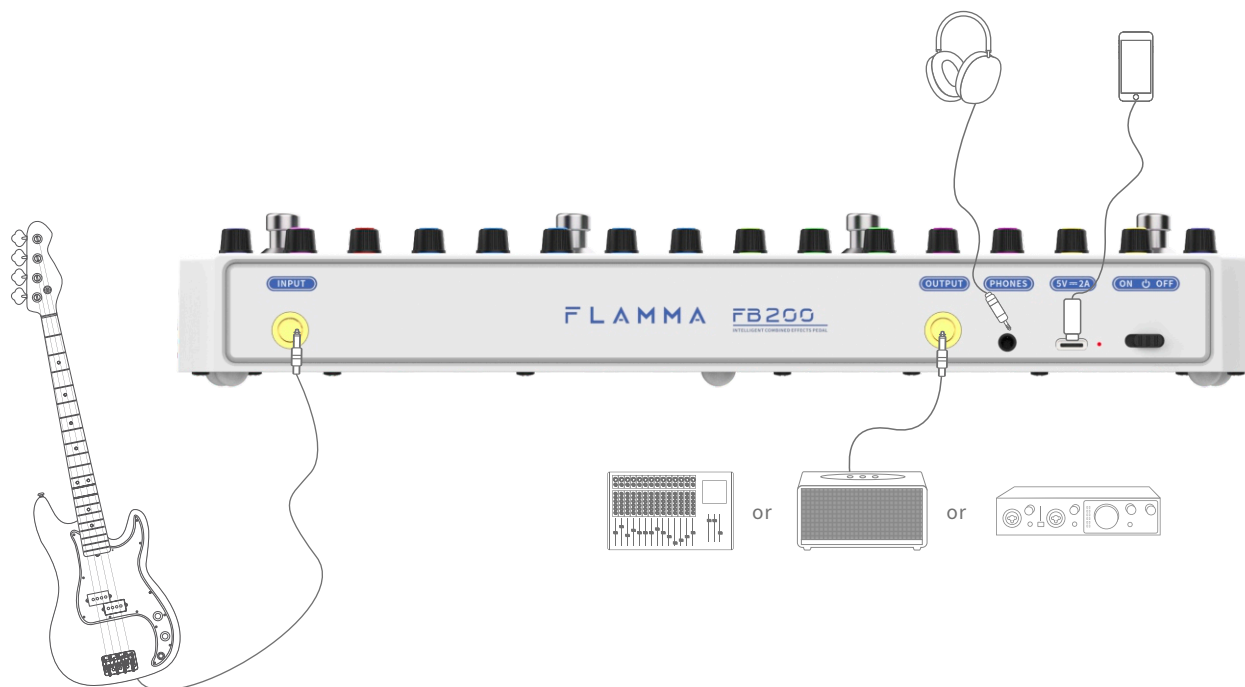
Effect Modules

GATE Module

Rotate the knob to turn the noise gate on/off or adjust the threshold. The screen displays precise threshold values (1–100).

COMP Module

Compression Effect. Features two parameter adjustment knobs. In LIVE mode, the footswitch D controls on/off.

THRESH Knob: Compression Threshold Control. Screen displays precise values (1–100).

LEVEL Knob: Effect level control. Screen displays precise values (1–100).

AMP Module

Bass Amp Sim, In LIVE Mode use footswitch C to toggle on/off. Screen displays precise values (1–100).

GAIN Knob: Adjust gain. Screen displays precise values (1–100).

TREBLE Knob: Adjust high frequencies. Screen displays precise values (1–100).

MID Knob: Adjust mid frequencies. Screen displays precise values (1–100).

BASS Knob: Adjust low frequencies. Screen displays precise values (1–100).

VOL Knob: Adjust overall volume. Screen displays precise values (1–100).

CAB Module

Bass Cab Sim, In LIVE Mode use footswitch C to toggle on/off. Rotate the knob to select CAB types, the screen displays the selected cabinet model number (1–10) or third-party IR numbers (IR1–IR9).

MOD Module

Rotate the knob to select modulation effects. The screen displays the effect number (1–12). In LIVE mode, use footswitch C to toggle on/off.

RATE Knob: Adjust modulation rate. Screen displays precise values (1–100).

MIX Knob: Adjust the instrument/effect mix ratio. Screen displays precise values (1–100).

REVERB Knob

Rotate the knob to select reverb effects. The screen displays the effect number (1–5). In LIVE mode, use footswitch A to toggle on/off.

LEVEL Knob: Adjust reverb volume. Screen displays precise values (1–100).

MASTER Module

Adjust the master volume. Screen displays precise values (1–100).

Operation Modes

FG 200 features two operation modes: LIVE mode and PRESET mode. The device defaults to PRESET mode upon startup. Switch between modes by pressing footswitches B + C simultaneously.

PRESET Mode

In PRESET mode, the screen displays the letter "P" and the preset number. Use footswitches A/B/C/D to quickly switch between presets.

To navigate preset groups, press footswitch combinations A + B or C + D. Once the group is selected, press A/B/C/D to switch presets within the group. LED indicators show the active modules in the selected preset.

To save presets, press BANK +/- to choose the target group. The screen will flash to confirm selection. Press and hold any footswitch (A/B/C/D) to save. The light bar will flash rapidly to indicate successful saving.

LIVE Mode

In LIVE mode, the screen displays the letter "L" and the preset number. Each footswitch (A/B/C/D) independently controls a specific module. Non-footswitch-controlled effects can be adjusted via knobs. LED indicators show module status (on/off).

To save settings, edit the desired parameters (knobs will flash to indicate edits). Select the target group using BANK +/- and press and hold any footswitch (A/B/C/D). The flashing will stop, and the light bar will flash rapidly to confirm saving.

Additional Functions

Drum Machine

- Press and hold footswitches B + C until the screen displays the letter "d" to enter drum machine mode.
- Use footswitches A and B to switch drum types.
- Press footswitch C twice or more to set the BPM. The footswitch light will flash to indicate the BPM.
- Use footswitch D to turn the drum machine on/off.
- Press and hold footswitches B + C again to exit drum machine mode.
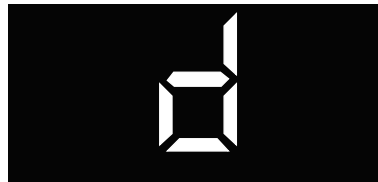
Tuner

In any mode, press and hold footswitches A + B to activate the tuner. The screen will display "—". Input a signal to see the tuning status on the screen. To exit tuner mode, repeat the same operation.

Flat: Displayed when pitch is too low.

Sharp: Displayed when pitch is too high.

Half-Step Up: Indicates tuning in semitone steps.

In Tune: Indicates accurate tuning.

lBluetooth Playback

Use the FLAMMA app to enable Bluetooth playback on the FB200. The Bluetooth indicator on the screen will flash during pairing. Connect your smartphone or other device via Bluetooth to FB200 for audio playback. Once connected, the indicator will remain solid. Disconnecting will turn the indicator off.

Bluetooth Disconnected   Bluetooth Connected

FLAMMA APP & Computer Software Support

The FB200 supports the FLAMMA mobile app for cloud access, effect editing, drum machine functions, and system settings. It also offers PC software for importing/deleting third-party IR files and firmware updates. Download the software from the FLAMMA official website: https://flammainnovation.com/download.html or App Store for full functionality

Tone Description

Compressor		
No.	**Name**	**Description**
1	**CS Comp**	Based on Boss CS-3

Amplifier Models		
No.	**Name**	**Description**
1	**Ampog 2OD**	Based on Overdrive pedal + Ampeg SVT preamp
2	**Ampog B18 CL**	Based on Ampeg B18 clean channel
3	**Ampog SVT 4**	Based on Ampeg SVT4 Pro preamp
4	**Ampog SVT VALVE**	Based on Ampeg SVT7 Pro preamp
5	**Mvrkbass 500**	Based on Markbass R500 preamp
6	**Mvrkbass 501**	Based on Markbass TA501 preamp
7	**Akuila 750 CL**	Based on Aguilar DB751 low gain channel
8	**Akuila 750 DS**	Based on Aguilar DB7510 high gain channel
9	**Akuila 751**	Based on Aguilar DB751 OD preamp
10	**BASSER CRUNCH**	Based on Dark Glass B7K

Cabinet		
No.	Name	Description
1	SV810 U47	Based on Ampeg SVT-810E & Neumann U47 cab sim
2	SV810 121	Based on Ampeg SVT-810E & Royer R-121 cab sim
3	SV810 7B	Based on Ampeg SVT-810E & Shure SM7B cab sim
4	HK U47	Based on Hartke 45XL & Neumann U47 cab sim
5	HK 7B	Based on Hartke 45XL & Shure SM7B cab sim
6	HK 121	Based on Hartke 45XL & Royer R-121 cab sim
7	HK 421	Based on Hartke 45XL & Sennheiser MD421 cab sim
8	Akuila U47	Based on Aguilar DB115 & Neumann U47 cab sim
9	Akuila 7B	Based on Aguilar DB115 & Shure SM7B cab sim
10	Akuila 121	Based on Aguilar DB115 & Royer R-121 cab sim

Modulation		
No.	**Name**	**Description**
1	**Phaser**	Flowing phaser sound.
2	**Step Phaser**	Based on square wave modulation.
3	**Flanger**	Dreamy flanger sound.
4	**Jet Flanger**	Flanger with a jet airplane effect.
5	**Tremolo**	Tremolo effect with cyclic volume changes.
6	**Stutter Tremolo**	Cyclic volume changes with a stuttering effect.
7	**Vibrato**	Cyclic pitch variation effect.
8	**Rotary**	Simulates a rotating speaker effect.
9	**Analog Chorus**	Classic analog chorus effect.
10	**Multi Chorus**	Modern multi-layered chorus effect.
11	**Ring Modulator**	Bell-like tone from ring modulation.
12	**Filter**	Modulated filter effect.

Reverb		
No.	**Name**	**Description**
1	**Room**	Simulates room-like reverberation characteristics.
2	**Hall**	Simulates hall-like reverberation characteristics.
3	**Plate**	Bright reverb effect from a metal plate simulation.
4	**Spring**	Vintage-style spring reverb effect.
5	**Modulated Reverb**	Reverb with modulated tonal characteristics.

Technical Specifications

Input:	6.35mm, 2MΩ
Output:	6.35mm, 100Ω
Headphone Output:	3.5mm, 32Ω
USB:	USB-C, for charging or OTG recording
Bluetooth:	Version 5.0
Battery:	2000mAh
Battery Life:	Up to 6 hours
Charging Time:	Approximately 2.5 hours
Charging Standard:	DC 5V/2A, supports USB-C to USB-A cables only

Impulse Response (IR)

Format:	WAV
Sample Rate:	44.1kHz (supports importing full-sample-rate IR files)
Bit Depth:	24-bit
Sample Points:	512 points

Physical Specifications

Weight:	578g
Dimensions:	311mm × 67.5mm × 49.7mm
Included Accessories:	Quick Start Guide, USB Data Cable