

FLAMMA

FV05
RECORDER
Owner's Manual

Content

Precautions -----	01
Feature -----	02
Top Panel -----	03-04
Instructions -----	05
Operation instructions -----	06-10
Specifications -----	11

Precautions

Please read carefully before proceeding

Power Supply

Please connect the designated adapter to an AC outlet of the correct voltage, Please be sure the adapter supplies DC 9v 1.5A ,center negative . Unplug the adapter when not in use or during electrical storms

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.** Do not install near any ventilation openings. Install in accordance with the manufacturer's instructions
- 8.** Do not install near any heat sources such as radiators, heat registers, stoves or other apparati (including amplifiers)that produce heat
- 9.** Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade of the third prong are provided for your safety. If the provided plug does not fit into your outlet consult an electrician for replacement of the obsolete outlet
- 10.** Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point

FCC certification

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference
- This device must accept any interference received, including interference that may cause undesired operation

Feature

1. Unlimited number of dub tracks for the vocal, instrument signal
2. Up to 11 recording slots, 70 minutes total recording capacity
3. Auto-recording function can detect the input signal and start to record automatically
4. Three kinds of EQ for the vocal: FLAT, WARM, and BRIGHT
5. Individual noise gate and reverb effect for the vocal
6. Support 48V phantom powering
7. Specialized guitar input with individual reverb effect
8. Line in function supports signal from microphone amplifier or FV series pedals
9. XLR output and 6.35" unbalanced output

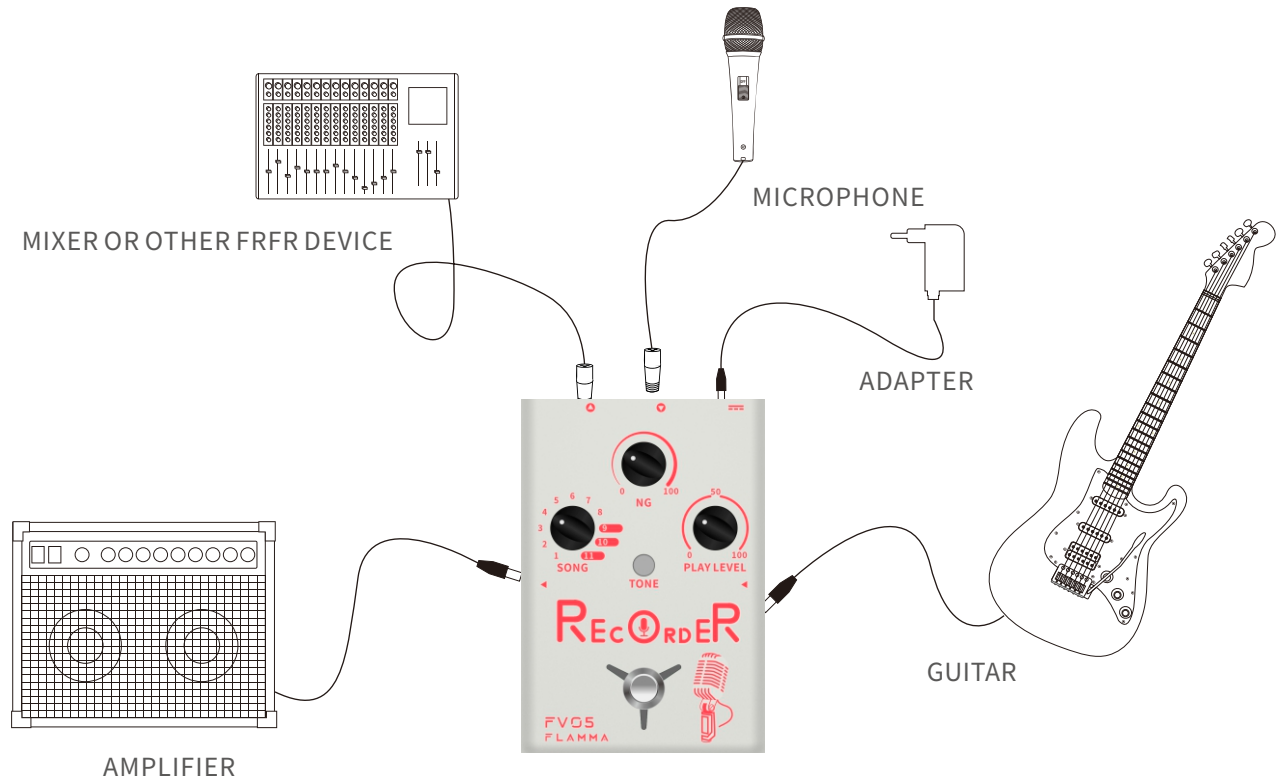
Top Panel



Top Panel

- 01 **SONG:** Recording slot selection
- 02 **NG:** The noise gate of the microphone input
- 03 **PLAY LEVEL:** The playback level of the recording
- 04 **TONE:** Press to select the TONE of microphone signal
- 05 **Control footswitch**
- 06 **GUITAR IN:** Guitar signal input jack
- 07 **OUT:** 6.35mm unbalanced mono audio output jack
- 08 **MIC:** Microphone input signal jack
- 09 **48V:** The power switch for 48V phantom power
- 10 **LINE IN:** The switch for line signal input
- 11 **GAIN:** Rotate to adjust the GAIN of the microphone input signal
- 12 **XLR OUT:** Balanced output jack
- 13 **LIFT/GND:** Grounding switch for balanced signal output.
- 14 **DC IN:** Power port

Connection



Operation instructions

1. Microphone setting

Connect to the microphone, and turn Off the LINE IN switch. Rotate the GAIN to adjust the gain value of the microphone signal. When using the condenser microphone, please turn On the 48V phantom power for use.

Notes: While using the 48V phantom power, the current value will overdrive and be higher than the working value in a short time, therefore, the original power supply is recommended to avoid the unexpected issue of the microphone.



2. Microphone Effect

FV05 has built-in EQ, noise gate, and reverb for microphone signal.

EQ: FV05 provides three different EQ modes with a compressor. Press the TONE button to switch between three different modes. The color of the TONE button indicates the currently selected mode: RED for WARM; BLUE for BRIGHT; Off for FLAT.

Noise gate: Rotate the NG knob to reduce the background noise. Rotate the knob clockwise for a higher ratio of noise gate; rotate counterclockwise for a lower ratio of noise gate.

Operation instructions

Reverb: FV05 has a built-in reverb effect for the microphone input or instrument input. For detailed information please refer to the REVERB part.

3. Reverb effect adjustment

FV05 has built-in reverb effects for the microphone and instrument. Please follow the instructions below for adjustment.

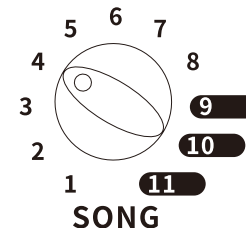
Hidden mode: Press and hold the TONE knob, and the TONE LED will blink in RED for entering the hidden mode; press and hold the TONE knob again, and the TONE LED will stop blinking for quitting from the hidden mode.

Microphone reverb: In the hidden mode, rotate the NG to adjust the reverb for the microphone reverb.

Instrument reverb: In the hidden mode, rotate the PLAY LEVEL to adjust the instrument reverb.

4. Recording slots

FV05 has 11 saving slots for recording tracks. 1-8 slots support up to 5 minutes capacity; 9-11 slots support up to 10 minutes capacity. Rotate the SONG to select a slot for recording and saving. After the recording is complete, the audio file will be saved in the selected slot, it will not lose if you switch to another slot or power the pedal Off.



Operation instructions

5. Recording procedure

AUTO REC: Unplug the power cord, and press and hold the footswitch while plugging in the power cord, the footswitch LED will blink in RED for a few seconds, the AUTO REC function is On; repeat the procedure, if the footswitch LED blinks in GREEN for a few seconds, the AUTO REC function is Off. With the AUTO REC On, the FV05 will start recording automatically if the input signal is detected. For detailed information about recording, please refer to the following instructions.

Empty: If the footswitch LED is Off, it indicates the currently selected slot is empty, without any recorded file.

Recording: When AUTO REC is On, press the footswitch to enter STANDBY mode, and the footswitch LED will blink in RED. When the first note is detected, the pedal will start recording and the footswitch LED will stop blinking and stay RED.

Cancel recording: When the AUTO REC is On and it is in the standby mode, press the footswitch again to quit standby mode; due to the protective circuit design, if the recording is interrupted in 1 second, the pedal will cancel the recording and quit the STANDBY mode.

Playback: In the REC/DUB/STOP status, press the footswitch, the footswitch LED will turn GREEN, and FV05 will start to play the recorded tracks for times. The footswitch LED will blink when every time the track is finished and back to the beginning.

Dub: In the PLAY status, press the footswitch to start recording the new layer of tracks (dub), and the footswitch LED will turn RED. The FV05 will keep recording until you press the footswitch again and start to playback.

Operation instructions

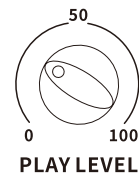
Undo/redo: When the DUB is finished, press and hold the footswitch for 1 second to delete the last layer you have just recorded; press and hold the footswitch for 1 second again to recall the deleted layer. The footswitch LED will blink when UNDO/REDO is done.

STOP: In the REC/PLAY/DUB status, press the footswitch twice quickly to stop recording, the footswitch LED will blink in GREEN.

Delete: In the STOP status, press and hold the footswitch for 1 second to delete all the recorded tracks in the currently selected slot. The FV05 will quit the STANDBY mode after the delete is done.

6. Playback volume level

Rotate the PLAY LEVEL to adjust the playback volume level. When it is set to the "°50" position, the volume level of the microphone and that of the instrument input are the same.



Operation instructions

7.Linear input

FV05 supports the LINE-IN function for connecting to an external microphone amplifier, or connecting with the other FV series pedals in the effect chain for use. Toggle the LINE-in switch to turn it On. Then connect to the microphone amplifier or FV series pedal with the MIC input via XLR balanced cable. While using the LINE-IN signal, the GAIN control will not affect the GAIN level.



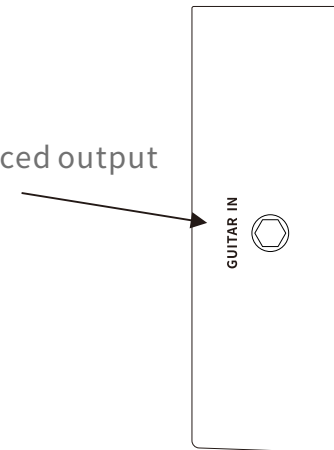
8.Output mode

FV05 has two output modes, the XLR OUT balanced mode, and the 6.35mm unbalanced mode. Please select it according to the amplifier/speaker device. While using the XLR OUT balanced output, please set the LIFT/GND to reduce the background noise according to the actual situation, and switch to GND for grounding.

Balanced output



Balanced output



Specifications

GUITAR IN: Impedance value 1M ohms

OUT Unbalanced output: Impedance value 100 ohms

MIC IN: Impedance value 2.14k ohms

XLR output: 300 ohms

Working voltage: DC 9V

Current draw: 1.5A

Dimension: 86.6mm(D) x 125mm(W) x 60mm(H)

Frequency range: 20hz-20khz

Accessories: Power supply, warranty card, logo sticker, quick guide.

