

FLAMMA

FV04

Harmony
Owner's Manual



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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 500mA ,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

- 12 pitches with 11 different harmony modes.
- Dedicated reverb effect designed for vocalists.
- Supports Guitar input with individual guitar reverb effect.
- Optional 48V phantom power support.
- Can be used as a microphone amplifier or a traditional stompbox.
- Two different output modes for mixed signal or individual signal from guitar and microphone.



Top Panel



Top Panel

- 01 **MODE:** 11 different harmony modes
- 02 **KEY:** Scale section
- 03 **LEVEL:** Harmony volume control/vocal or guitar reverb volume control
- 04 **SHARP LED button:** Semitone/vocal tone mode
- 05 **FOOTSWITCH:** Power pedal on/off
- 06 **GUITAR IN:** Guitar input
- 07 **GUITAR OUT:** Guitar output
- 08 **MIC:** Microphone input
- 09 **GAIN:** Microphone gain level adjustment
- 10 **LINE IN:** Line signal on/off
- 11 **48V:** phantom power on/off
- 12 **XLR OUT:** Balanced output
- 13 **LIFT/GND:** Ground switch
- 14 **DC IN:** Connect to power supply



Instructions

1. Select Different Key/Root Note

Select the correct scale root note to get the most accurate harmony effect. The FV04 provides 12 different keys to choose from.

- Rotate the KEY knob to select between C, D, E, F, G, A, B scale
- Press the SHARP button to modulate to higher semitone. (♯, F♯, A♯, etc.)

2. Select Major/Minor Scale

Fv04 provides major and minor scale selection. Press the SHARP twice quickly to select the minor scale of the current root note. The SHARP button will keep blinking. Press the SHARP key twice again quickly to toggle back to the major scale. The SHARP button will stop blinking.

3. Select Harmony Mode

Fv04 provides 11 different harmony modes

Num	Harmony mode	Num	Harmony mode
1	OCT-	7	OCT-&OCT+
2	5th L	8	5th L&3rd H
3	3rd L	9	5th L&5th H
4	3rd H	10	3rd L &3rdH
5	5th H	11	3rd H & 5th H
6	OCT+		



Instructions

For example, in the key of C...

Scale	Mode	C	Db	D	Eb	E	F	#F	G	Ab	A	Bb	Bb
Major	3rd L/H	E	F	F	G	G	A	B	B	C	C	D	D
Major	5thL/H	G	A	A	B	B	C	D	D	E	E	F	F
Min	3rd L/H	Eb	F	F	G	Ab	Ab	Bb	Bb	C	D	D	Eb
Min	5th L/H	G	Bb	Bb	Bb	C	C	D	D	Eb	F	F	G

4. Reverb Effects

FV04 has individual reverb effects for vocal and guitar.

Vocal reverb: Press and hold the SHARP button while rotating the LEVEL knob to adjust the reverb effect level

Guitar reverb: Press and hold the footswitch to enter hidden mode. The Footswitch LED will turn yellow when on. Rotate the LEVEL knob to adjust the reverb effect.

5. Vocal Tone Mode

Press and hold the footswitch to enter hidden mode. While in hidden mode, press the SHARP button to switch between three different vocal tone modes. The SHARP button LED will show the currently selected mode.

Normal (LED off) - Warm (Red LED) - Bright (Blue LED)

Press and hold the footswitch again to quit hidden mode. The SHARP LED will show as before.



Instructions

6. Footswitch Mode

When the FV04 is off, press the footswitch to turn on both harmony and reverb effects, the footswitch LED will stay green.

When the FV04 is on, press the footswitch twice quickly to turn off both harmony and reverb effects, the footswitch LED will turn off.

When the FV04 is on, press footswitch once to turn on/off harmony effect. Red footswitch LED for harmony off; Green footswitch LED for harmony on.

When the FV04 is on, press and hold the footswitch to enter hidden mode, the footswitch LED will turn yellow; Press and hold the footswitch

7. Line-In Mode

Toggle the LINE IN switch to turn on line in mode. When turned on, users can connect a microphone amplifier other different FV series pedals to the MIC IN jack.

8. Output Mode

Press and hold the footswitch while powering on the FV04 to switch between individual output mode or mixed output mode. The TONE button and footswitch LED will blink a while then turn off. The color of the TONE button and footswitch LED will indicate the current mode. Blue for individual mode, and red for mixed mode.

- **Individual mode**

Guitar signal will only go out from the GUITAR OUT. Microphone signal will go out from the XLR OUT.

- **Mixed mode**

Guitar and microphone signal will go through both GUITAR OUT and XLR OUT.



Specifications

GUITAR IN: 1/4" mono audio jack (impedance value : 1 Mohms)

GUITAR OUT: 1/4" mono audio jack (impedance value: 100ohms)

Mic: XLR balanced input jack (impedance value: 2.14k ohms)

XLR OUTPUT: XLR balanced output jack (impedance value : 300 ohms)

Power requirements: AC adapter 9V DC

Current Draw: 500mA

Dimension: 86.6x125x60mm

Weight: 0.371kg

Freq: 20Hz-20KHz

Accessories: Safety Instruction&Warranty Card, Sticker, quick guide



