



[Home](#) » [FLAMMA](#) » **FLAMMA FC11 Envelope Filter Pedal Owner's Manual** 

## Contents [ [hide](#) ]

- [1 FLAMMA FC11 Envelope Filter Pedal](#)
- [2 Product Usage Instructions](#)
- [3 Precautions](#)
- [4 MAIN FEATURE](#)
- [5 SETUP INSTRUCTION](#)
- [6 Lay out](#)
- [7 PANEL INSTRUCTION](#)
- [8 Suggested Settings](#)
- [9 SPECIFICATION](#)
- [10 FAQ](#)
- [11 Documents / Resources](#)
  - [11.1 References](#)

# FLAMMA

## FLAMMA FC11 Envelope Filter Pedal



## Specifications

- **Input:** 1/4 mono audio jack (Impedance: 1 MegOhms)
- **Output:** 1/4 mono audio jack (Impedance: 1kOhms)
- **Power supply:** AC adapter 9V center negative
- **Current Draw:** 20mA
- **Dimension:** 47mm (D) x 83mm (W) x 52mm (H)
- **Weight:** 153g
- **Accessories:** Quick Guide, sticker
- **Notice:** Recommend to use isolated/individual power supply. Sharing power supply with other pedals may cause unexpected noise.

## Product Usage Instructions

### Main Features

The Envelope Filter/Dynamic Autowah pedal is a pocket-sized pedal suitable for guitar and bass. It features a pure analog circuit that provides a lush warm sound.

### Setup Instructions

1. Connect the power using a 9V 20mA DC regulated power supply with center negative.
2. Connect your instrument to the input jack on the right side of the pedal with an instrument cable.
3. Connect the output jack on the left side of the pedal to your amplifier or other pedals.
4. Press the On/Off button and adjust the SENSITIVITY, TONE, DECAY, and Q knobs to set your favorite tone.
5. Enjoy your playing.

## Panel Instructions

- **True bypass footswitch:** Engages and disengages the effect.
- **ON/OFF LED:** Indicates the status of the pedal.
- **DC IN Power Jack:** Input for power supply, use a 9V DC 20mA regulated power supply with center negative.
- **INPUT Jack:** 1/4 audio jack for connecting to the input device or instrument.
- **OUTPUT Jack:** 1/4 audio jack, effect output for connection to amp or other devices.
- **DECAY:** Adjusts the release and closing of the filter. Clockwise gives a longer decay, counterclockwise gives a shorter decay.
- **Q:** Changes the Q of the wah effect. Clockwise for a higher Q value providing a more exaggerated wah sound, counterclockwise for a more subtle wah effect.
- **TONE:** Adjusts the overall tone and frequency range of the pedal.

## Suggested Settings

- Funky
- Vocal Sweep
- Subtle Vowel
- Money For Nothin Filter

## 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 130mA,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

## **MAIN FEATURE**

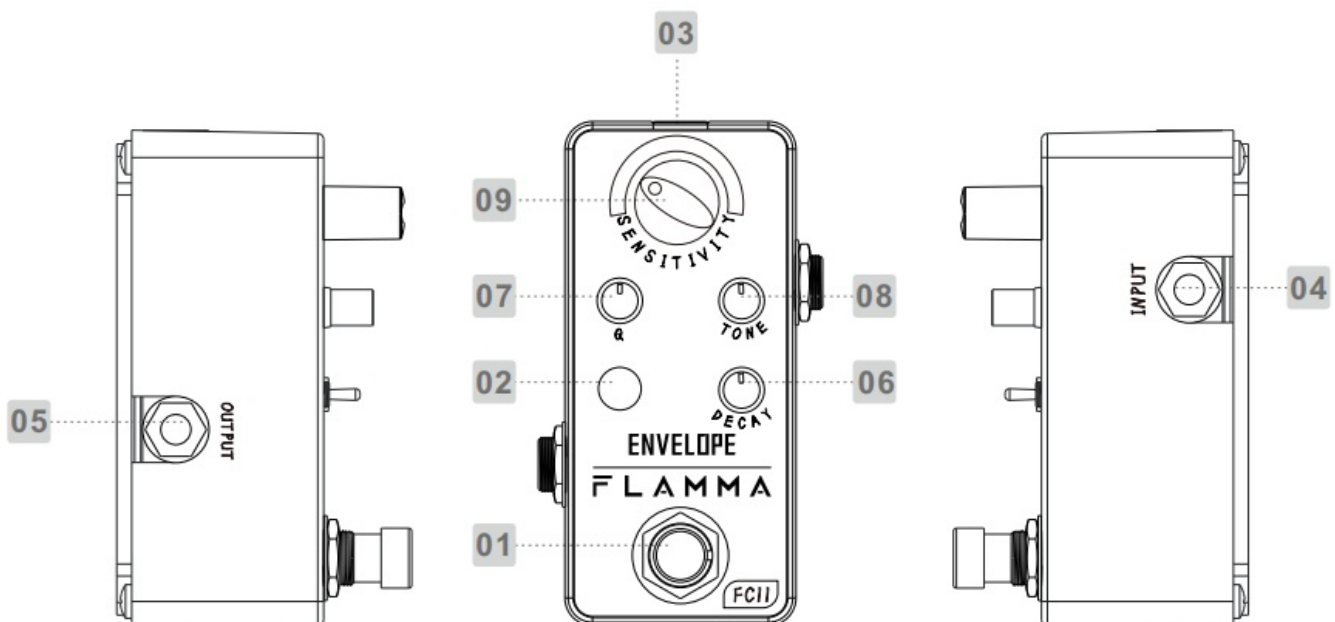
1. Envelope filter/dynamic auto wah pedal in pocket size
2. Suitable for guitar and bass

3. Pure analog circuit provides a lush warm sound

## SETUP INSTRUCTION

1. Connect the power, use a 9V 20mA DC regulated power supply, center negative.
2. Connect your instrument to the input jack on the right side of the pedal with an instrument cable.
3. Connect the output jack on the left side of the pedal to your amplifier or other pedals.
4. Press the On/Off button, adjust the SENSITIVITY, TONE, DECAY and Q knobs to set your favorite tone.
5. Enjoy your playing.

## Lay out



## PANEL INSTRUCTION

1. **True bypass footswitch:** Engages and disengages the effect.
2. **ON/OFF LED:** Indicates the status of the pedal.
3. **DC IN Power Jack:** Input for power supply, use a 9V DC 20mA regulated power supply.  
Center negative.
4. **INPUT Jack:** 1/4" audio jack for connecting to the input device or instrument.
5. **OUTPUT Jack:** 1/4" audio jack, effect output for connection to amp or other devices
6. **DECAY:** The decay control adjusts the release and closing of the filter. Clockwise

gives a longer decay and counterclockwise gives a shorter decay.

7. **Q** This control changes the Q of the wah effect. Clockwise will make the Q value higher providing a more narrow frequency band with a higher peak. This results in a very exaggerated and pronounced wah sound. Counterclockwise will lower the Q value, providing a wider frequency band and a lower peak. This results in a more subtle wah effect.
8. **TONE:**The tone control adjusts the overall tone and frequency range of the pedal. Clockwise will give a brighter tone and a higher frequency range. Counterclockwise will give a rounder tone and lower frequency range. Counterclockwise will give a rounder tone and lower frequency range. Counterclockwise is perfect for using with a bass guitar.

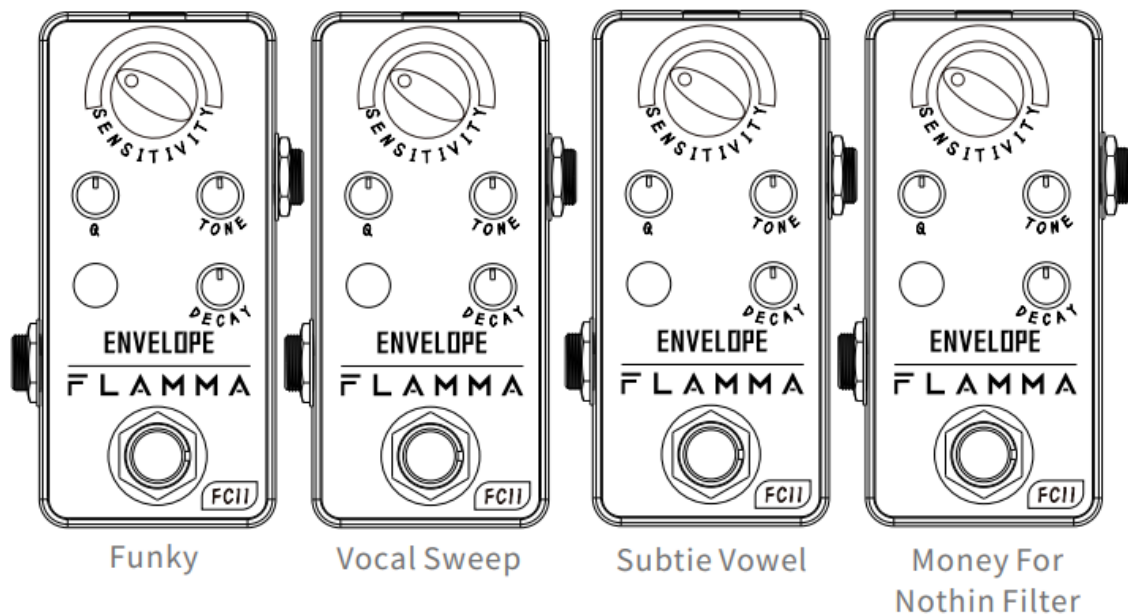
**Note:** When the 'SENSITIVITY' is set to 0 the 'TONE' control can be used as a static frequency filter.

9. **SENSITIVITY:**The sensitivity control adjusts the dynamic response of the envelope filter in relation to the input from the instrument. Clockwise makes the pedal more sensitive and responsive to pick attack and makes it easier to open the filter. Counterclockwise makes the pedal less sensitive to pick attack and makes it more difficult to open the filter.

**(Note:** Sensitivity is set differently depending on which guitar pickups you use and what the desired response from the pedal is of the user. Recommended starting position is 12 o'clock and adjust from there accordingly.)

**Note:** For best results it is recommended to put the 'Envelope' before the overdrive and distortion pedals in your effects chain.

## Suggested Settings



**Note:** Sensitivity varies depending on instrument used.

## SPECIFICATION

- **Input:** 1/4" mono audio jack. (Impedance: 1 Meg Ohms)
- **Output:** 1/4" mono audio jack. (Impedance: 1k Ohms)
- **Power supply:** AC adapter 9V center negative
- **Current Draw:** 20mA
- **Dimension:** 47mm(D) x 83mm(W) x 52mm(H)
- **Weight:** 153g
- **Accessories:** Quick Guide, sticker

**Notice:** Recommend to use isolated/individual power supply. Sharing power supply with other pedals may cause unexpected noise.

[www.flammainnovation.com](http://www.flammainnovation.com)

## FAQ

**Q: What power supply should I use with the FC11 Envelope Filter Pedal?**

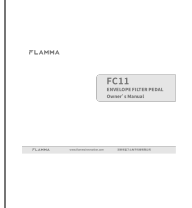
**A:** Please connect the designated adapter to an AC outlet of the correct voltage. Ensure the adapter supplies DC 9V 130mA, center negative. Unplug the adapter when not in use or during electrical storms.

**Q: What is the purpose of the DECAY knob on the pedal?**

**A:** The DECAY knob adjusts the release and closing of the filter.

Clockwise gives a longer decay, counterclockwise gives a shorter decay.

## Documents / Resources

	<a href="#">FLAMMA FC11 Envelope Filter Pedal [pdf]</a> Owner's Manual FC11 Envelope Filter Pedal, FC11, Envelope Filter Pedal, Filter Pedal, Pe dal
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## References

- [User Manual](#)

Envelope Filter Pedal, FC11, FC11 Envelope Filter Pedal, Filter Pedal, FLAMMA,  
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