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## FLAMMA FC20

# FLAMMA FC20 Distortion Pedal User Manual

Model: FC20

## INTRODUCTION

Thank you for purchasing the FLAMMA FC20 Distortion Pedal. This manual provides essential information for the safe and effective use of your new pedal. Please read this manual thoroughly before operation and retain it for future reference. The FLAMMA FC20 is a compact distortion pedal designed to deliver classic rock tones. It features intuitive controls for Gain, Volume, and Tone, allowing for a wide range of distorted sounds. The pedal is powered by a 9V DC power supply, which is included to ensure optimal performance and minimize noise interference.

## IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- The power supply included is specifically designed for this pedal. Using an incorrect power supply may damage the unit and void the warranty.

## PACKAGE CONTENTS

Please check the package contents upon opening to ensure all items are present and undamaged.

- FLAMMA FC20 Distortion Pedal
- 9V 300mA Power Supply Adapter
- User Manual (this document)

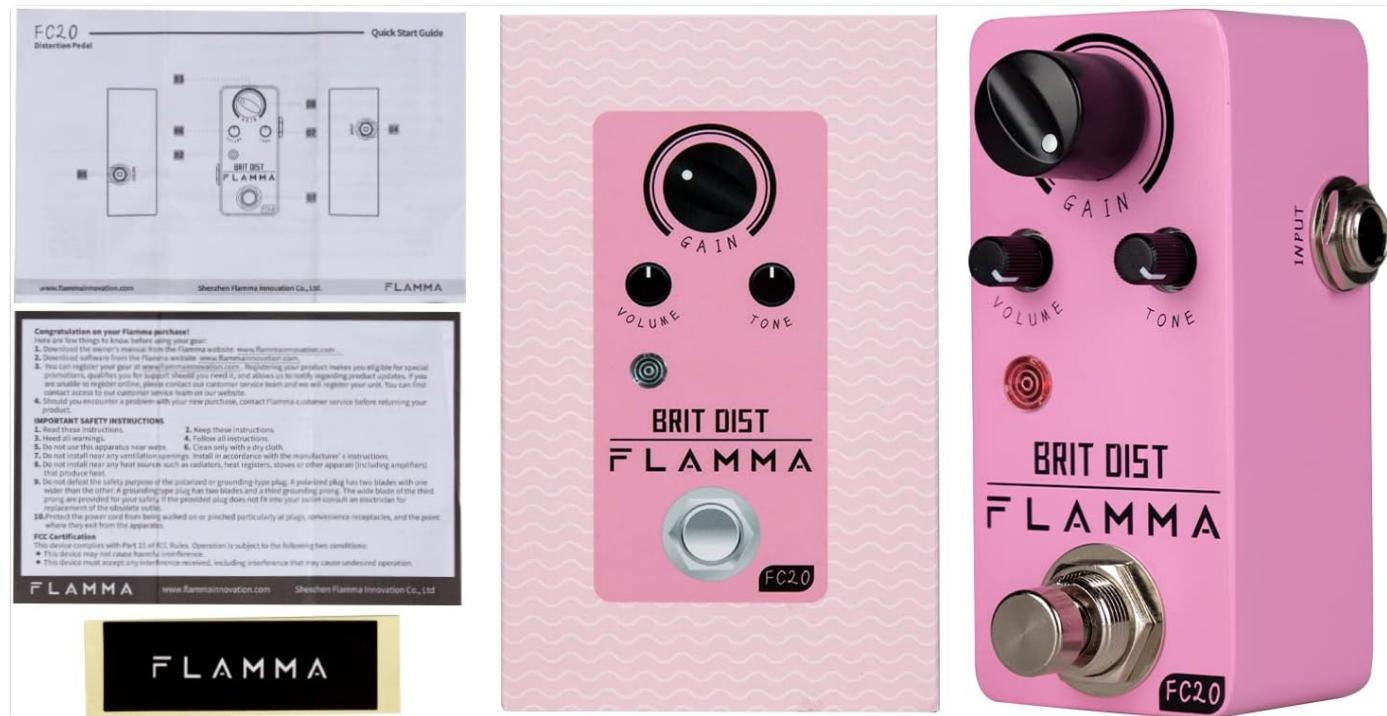


Image: Contents of the FLAMMA FC20 package, showing the pink distortion pedal, its accompanying 9V 300mA power supply, and the quick start guide.

## PRODUCT OVERVIEW

The FLAMMA FC20 Distortion Pedal features a robust metal casing and intuitive controls for shaping your guitar tone. Below is an overview of the pedal's components and controls.





Image: A detailed view of the FLAMMA FC20 Distortion Pedal, highlighting its pink finish and control knobs. The pedal features 'GAIN', 'VOLUME', and 'TONE' knobs, an LED indicator, and the 'BRIT DIST FLAMMA FC20' branding.

## Controls and Connections:

- **GAIN Knob:** Adjusts the amount of distortion. Turning clockwise increases the distortion level.
- **VOLUME Knob:** Controls the overall output level of the pedal.
- **TONE Knob:** Shapes the tonal character of the distortion, from darker to brighter sounds.
- **Input Jack:** Connect your guitar or previous effect pedal here.
- **Output Jack:** Connect to your amplifier or next effect pedal here.
- **DC IN Jack:** Connect the included 9V DC power supply here.
- **Footswitch:** Engages or bypasses the effect.
- **LED Indicator:** Illuminates when the effect is active.



Image: The FLAMMA FC20 Distortion Pedal shown alongside its 9V 300mA power supply. This image provides a complete view of the product and its essential accessory.

## SETUP

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### Power Supply Connection:

The FLAMMA FC20 requires a 9V DC power supply with a center-negative polarity and a current rating of at least 300mA. The included power supply meets these specifications.

1. Connect the barrel connector of the 9V power supply to the DC IN jack on the pedal.
2. Plug the power supply into a standard AC wall outlet.



Image: A close-up view of the black 9V 300mA power supply adapter. This adapter is designed to provide stable power to the FC20 pedal.

# Connector 5.5x2.1mm



Center Negative



Image: A detailed diagram of the power supply connector, indicating its 5.5x2.1mm size and crucial center-negative polarity. This ensures correct power connection to the pedal.



Image: The 9V power supply with its cable extended, showing a total length of 59.1 inches. This provides ample reach for various setup configurations.

## Connecting to Your Audio Setup:

1. Connect your guitar to the **Input Jack** of the FC20 pedal using a standard 1/4-inch instrument cable.
2. Connect the **Output Jack** of the FC20 pedal to your amplifier's input (or the input of the next pedal in your signal chain) using another 1/4-inch instrument cable.
3. Ensure all connections are secure before powering on your amplifier.

## OPERATING INSTRUCTIONS

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### Basic Operation:

1. After connecting the pedal as described in the Setup section, ensure your amplifier is on and set to a clean channel for best results.
2. Press the footswitch to engage the distortion effect. The LED indicator will illuminate when the effect is active. Press again to bypass the effect.

3. Adjust the **GAIN** knob to control the amount of distortion. Start with a lower setting and gradually increase to find your desired level of saturation.
4. Use the **VOLUME** knob to set the overall output level of the pedal. This allows you to match the volume with your bypassed signal or boost it for solos.
5. Adjust the **TONE** knob to shape the frequency response of the distorted sound. Turning it clockwise will make the sound brighter, while turning it counter-clockwise will make it darker.

## Tips for Optimal Tone:

- Experiment with different combinations of GAIN, VOLUME, and TONE settings to discover a wide range of distortion sounds.
- The FC20 works well with both single-coil and humbucker pickups. Adjust the GAIN accordingly.
- Placing the FC20 early in your signal chain (before modulation or time-based effects) typically yields the best results for distortion pedals.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Do not use abrasive cleaners, solvents, or waxes.
- **Storage:** When not in use for extended periods, disconnect the power supply and store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power Supply:** Always use the original or a compatible 9V DC center-negative power supply with at least 300mA current. Using an incorrect power supply can damage the unit.
- **Connections:** Periodically check all cable connections for wear and tear. Replace damaged cables to ensure optimal signal integrity.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound when pedal is engaged.	No power to the pedal. Incorrect cable connections. Volume knob set too low.	Ensure power supply is connected and plugged into a working outlet. Check LED indicator. Verify guitar is connected to INPUT and amplifier to OUTPUT. Increase the VOLUME knob on the pedal.
Weak or distorted sound even when bypassed.	Faulty cables. Incorrect power supply.	Try different instrument cables. Ensure you are using the correct 9V DC center-negative power supply.
Excessive noise or hum.	Ground loop. Interference from other electronics. Faulty power supply.	Ensure all equipment is on the same power circuit. Move the pedal away from other electronic devices. Verify the power supply is the isolated type provided.

## SPECIFICATIONS

Feature	Detail
Model	FC20
Effect Type	Distortion
Signal Format	Analog
Power Requirement	9V DC, 300mA (Center Negative)
Power Source	Adapter (included)
Color	Clear
Dimensions	Not specified
Weight	Not specified

## WARRANTY AND SUPPORT

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FLAMMA products are designed and manufactured to the highest quality standards. For warranty information and customer support, please refer to the official FLAMMA website or contact your local distributor.

For further assistance, you may visit the [FLAMMA Store on Amazon](#).

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