

## FLAMMA FX50

# FLAMMA FX50 Portable Guitar Multi-Effects Pedal

Instruction Manual

## 1. INTRODUCTION

The FLAMMA FX50 is a compact and versatile multi-effects pedal designed for guitarists. It integrates a wide range of effects, drum rhythms, and a tuner into a portable unit, suitable for practice, recording, and small gigs. This manual provides detailed instructions to help you get the most out of your FX50 pedal.

## 2. PRODUCT OVERVIEW

The FX50 features an intuitive layout with dedicated knobs for various effects and functions. Below is an overview of the pedal's main components and controls.

# MINI & VERSATILE

**15** EFFECTS | **40** DRUM RHYTHMS | **32** PATCHES

CAB SIM | TUNER



Figure 1: FLAMMA FX50 Portable Guitar Multi-Effects Pedal

## Controls and Connections:

- **VOL Knob:** Adjusts the overall output volume.
- **MOD Knob:** Selects and adjusts modulation effects (Chorus, Flanger, Phaser, Tremolo).
- **DLY/REV Knob:** Selects and adjusts delay and reverb effects (Echo, Room, Hall, Delay).
- **DRUM/VALUE Knob:** Selects drum rhythms and adjusts their volume. Press and hold for Tuner function.
- **GAIN Knob:** Adjusts the gain level for drive effects.
- **DRIVE Knob:** Selects and adjusts various drive effects (Distortion, Overdrive, Crunch, Fuzz, Clean).
- **TONE Knob:** Adjusts the overall tone, from bass-heavy to treble-heavy.
- **Patch Buttons:** Navigates through preset and user patches.

- **Store Button:** Saves user-defined patches.
- **Power Switch:** Turns the unit on/off.
- **Cab Sim Switch:** Toggles cabinet simulation on/off.
- **DC IN Jack:** For 9V DC power adapter.
- **PHONES Jack:** 1/8" stereo audio jack for headphones.
- **OUTPUT Jack:** 1/4" mono audio jack for connecting to a guitar amplifier.
- **AUX In Jack:** 1/8" stereo audio jack for connecting external music players.
- **INPUT Jack:** 1/4" mono audio jack for connecting your guitar.



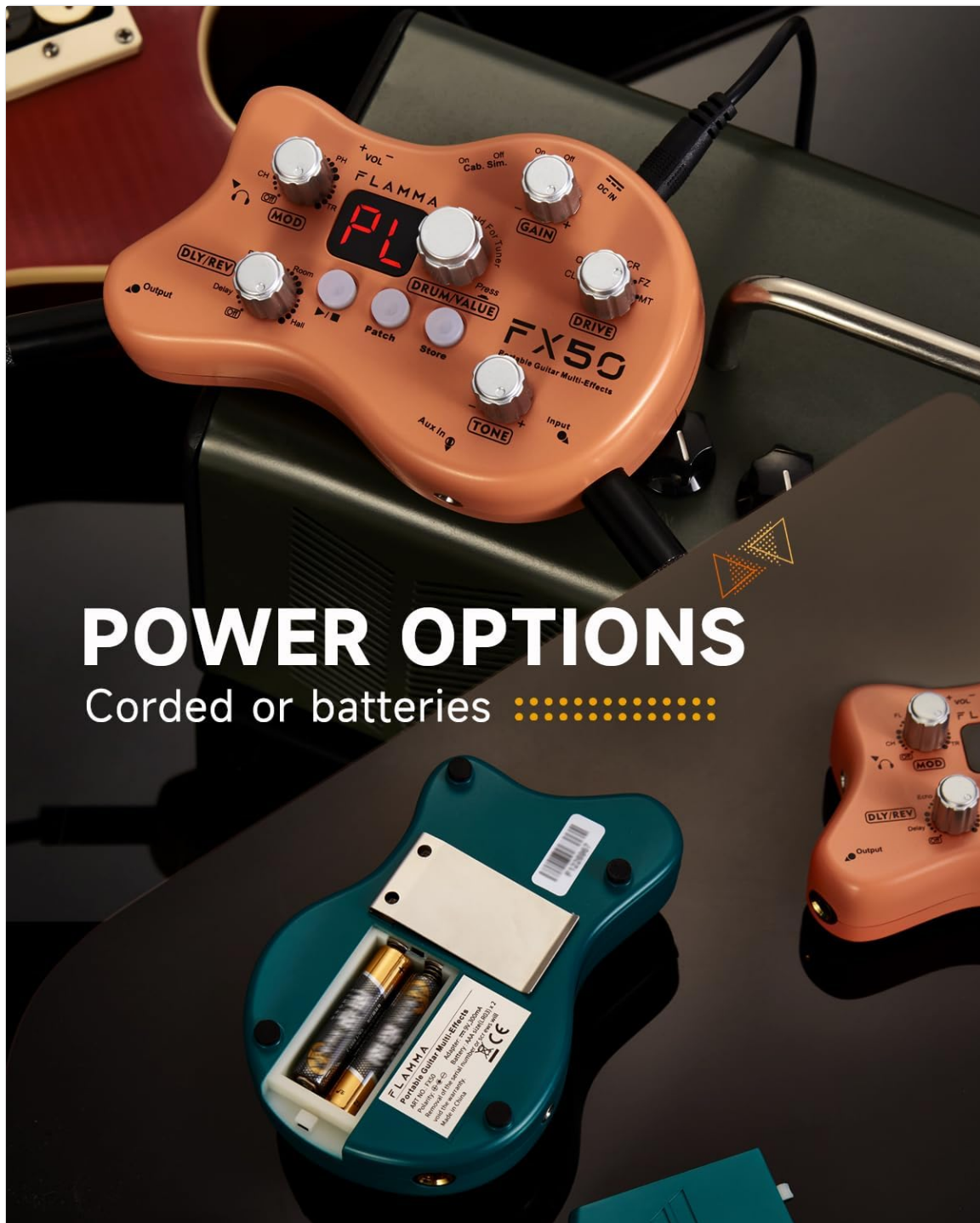
Figure 2: FLAMMA FX50 Input/Output Jacks

### 3. SETUP

#### 3.1 Power Supply

The FX50 can be powered by either a DC 9V adapter (included) or two AAA batteries (not included).

- **DC 9V Adapter:** Connect the included 9V DC adapter to the DC IN jack. Ensure the adapter's plug polarity is positive on the barrel and negative in the center.
- **Batteries:** To use batteries, open the battery compartment on the back of the pedal and insert two AAA batteries, observing the correct polarity.



# POWER OPTIONS

Corded or batteries

Figure 3: Power Options (Corded and Battery)

## 3.2 Connecting Your Gear

1. **Guitar Connection:** Connect your electric guitar to the **INPUT Jack** using a 1/4" mono audio cable.
2. **Output Connection:**
  - For headphones, connect to the **PHONES Jack** (1/8" stereo audio jack).
  - For an amplifier, connect to the **OUTPUT Jack** (1/4" mono audio jack).



3. **External Music Player:** Connect an external music player (e.g., smartphone, MP3 player) to the **AUX In Jack** (1/8" stereo audio jack) to play along with backing tracks.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

Flip the **Power Switch** to the 'On' position to power on the unit. Flip it to 'Off' to power down.

### 4.2 Volume Control

Adjust the **VOL Knob** to set the desired output volume. This controls the overall loudness of your guitar signal and any active effects.

### 4.3 Effects Modules

The FX50 features 5 effects modules with a total of 15 effects. Each module has a dedicated knob to select and adjust the effect intensity.

- **MOD (Modulation):** Turn the **MOD Knob** to select between Chorus (CH), Flanger (FL), Phaser (PH), and Tremolo (TR) effects. The position of the knob also adjusts the intensity of the selected effect.
- **DLY/REV (Delay/Reverb):** Turn the **DLY/REV Knob** to select between Echo, Room, Hall, and Delay effects. The knob position also controls the intensity of the selected effect.
- **DRIVE:** Turn the **DRIVE Knob** to select between Distortion (DS), Overdrive (OD), Crunch (CR), Fuzz (FZ), and Clean (CL) tones. The knob position adjusts the intensity of the drive.
- **GAIN:** Use the **GAIN Knob** to fine-tune the input gain for the drive effects.
- **TONE:** Use the **TONE Knob** to adjust the overall tonal character, from darker (bass-heavy) to brighter (treble-heavy).
- **Cab Sim:** Use the **Cab Sim Switch** to toggle cabinet simulation on or off. This is particularly useful when connecting directly to a mixer or audio interface for a more natural amplified sound.

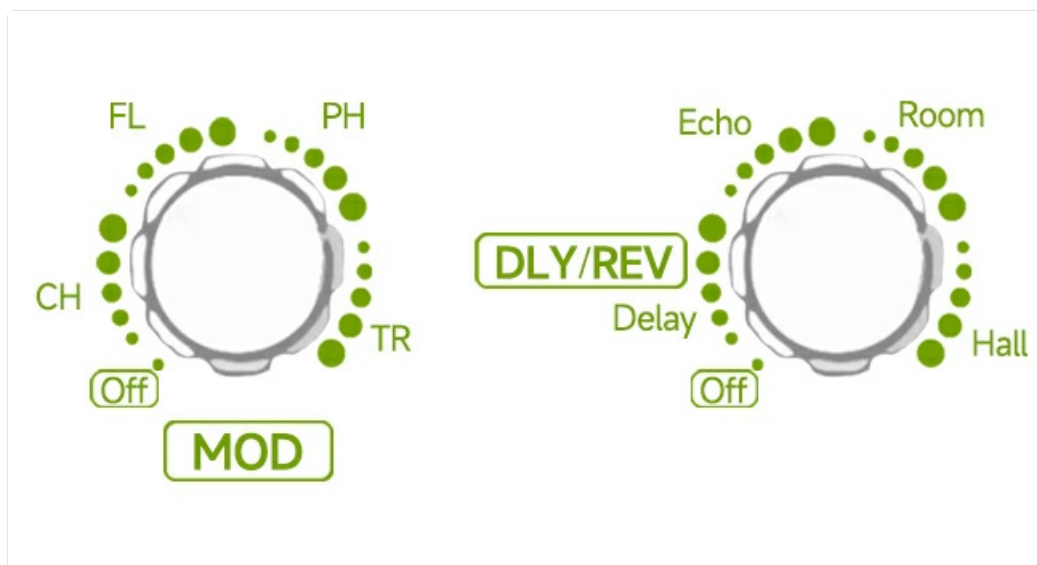


Figure 4: Modulation and Delay/Reverb Controls

### 4.4 Drum Machine

The FX50 includes a drum machine with 40 rhythms and a tempo range of 60-270 BPM.

1. **Select Drum Rhythm:** Press the **DRUM/VALUE Knob** to enter Drum status. Rotate the knob

to select a rhythm type (01-40).

2. **Adjust Drum Rhythm Volume:** Press the **DRUM/VALUE Knob** again. Rotate the knob to change the rhythm volume (00-09).
3. **Start/Stop Drum Machine:** Use the dedicated Play/Pause button to start or stop the drum rhythm.



Figure 5: Drum Rhythm Selection



Figure 6: Drum Rhythm Table

## 4.5 Patches

The FX50 offers 32 patches: 16 preset patches and 16 user patches. These allow you to save and recall your favorite effect combinations and settings.

- **Select Patch:** Use the **Patch Buttons** to cycle through the available patches.
- **Store Patch:** After adjusting effects to your preference, press the **Store Button** to save your settings to a user patch location.

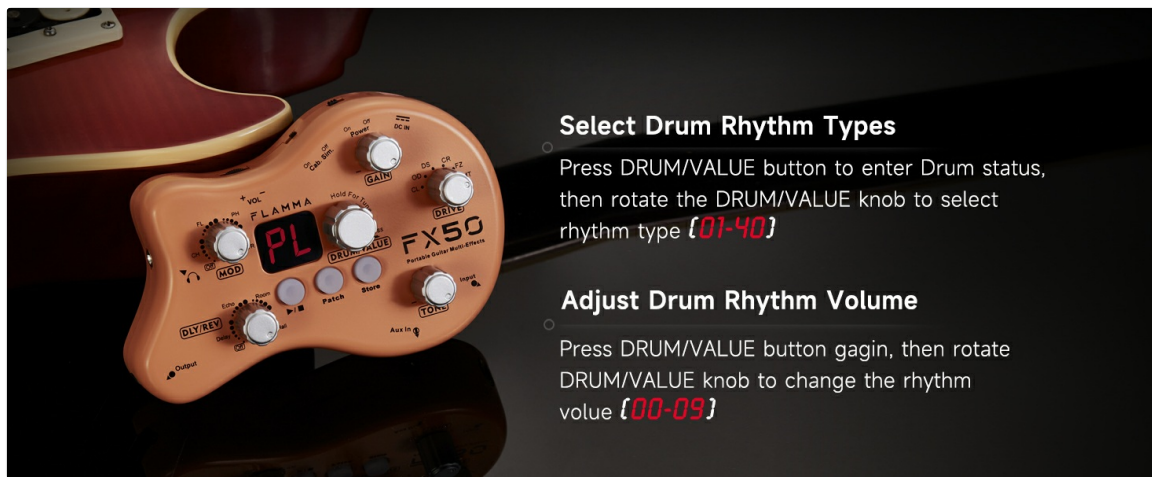


Figure 7: 32 Patches Overview

## 4.6 Tuner Function

The built-in tuner allows for precise tuning of your guitar.

1. **Activate Tuner:** Press and hold the **DRUM/VALUE Knob** for approximately 2 seconds to access the tuner mode.
2. **Tune Guitar:** Play a single string. The display will show the current pitch (A-G) and indicate whether the note is flat, correct, or sharp. Adjust your guitar's tuning pegs until the display shows a correct pitch.
3. **Exit Tuner:** Press the **DRUM/VALUE Knob** again to exit tuner mode.



Figure 8: Tuner Display

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your FLAMMA FX50 pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's surface. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, remove the batteries to prevent leakage.
- **Battery Replacement:** When the pedal's performance degrades or the power indicator light dims, replace the AAA batteries. Ensure correct polarity when inserting new batteries.
- **Handling:** Avoid dropping the pedal or subjecting it to strong impacts. Do not attempt to

disassemble the unit, as this will void the warranty.

## 6. TROUBLESHOOTING

If you encounter any issues with your FLAMMA FX50, refer to the following common problems and solutions:

• **No Sound:**

- Check all cable connections (guitar, output, power).
- Ensure the pedal is powered on and the power adapter is functioning correctly, or batteries are fresh and correctly inserted.
- Verify the VOL knob is turned up.
- Check if the guitar's volume knob is turned up.

• **Unexpected Effects/Sound:**

- Check the settings of the MOD, DLY/REV, DRIVE, and TONE knobs.
- Ensure the correct patch is selected.
- If using headphones, ensure they are properly connected to the PHONES jack.

• **Tuner Not Responding:**

- Ensure the guitar is properly connected to the INPUT jack.
- Make sure you are playing a single note clearly.

• **Drum Machine Not Playing:**

- Verify a drum rhythm is selected and the volume is turned up.
- Press the Play/Pause button to start the rhythm.

If the issue persists, please contact FLAMMA customer support for further assistance.

## 7. SPECIFICATIONS

Feature	Specification
Model Number	FX50
Dimensions	5"L x 1.8"W x 3.3"H (12.7 x 4.57 x 8.38 cm)
Item Weight	4.16 ounces (118 grams)
Effects Modules	5 (DELAY, REVERB, MODULATION, DRIVE, CAB SIM)
Total Effects	15
Drum Rhythms	40 (Tempo: 60-270 BPM)
Patches	32 (16 Preset, 16 User)
Tuner Range	A to G
Power Source	DC 9V adapter (included) or 2 x AAA batteries (not included)



Connector Type	Micro USB (for data/firmware, not power)
Signal Format	Analog

## 8. WHAT'S IN THE BOX

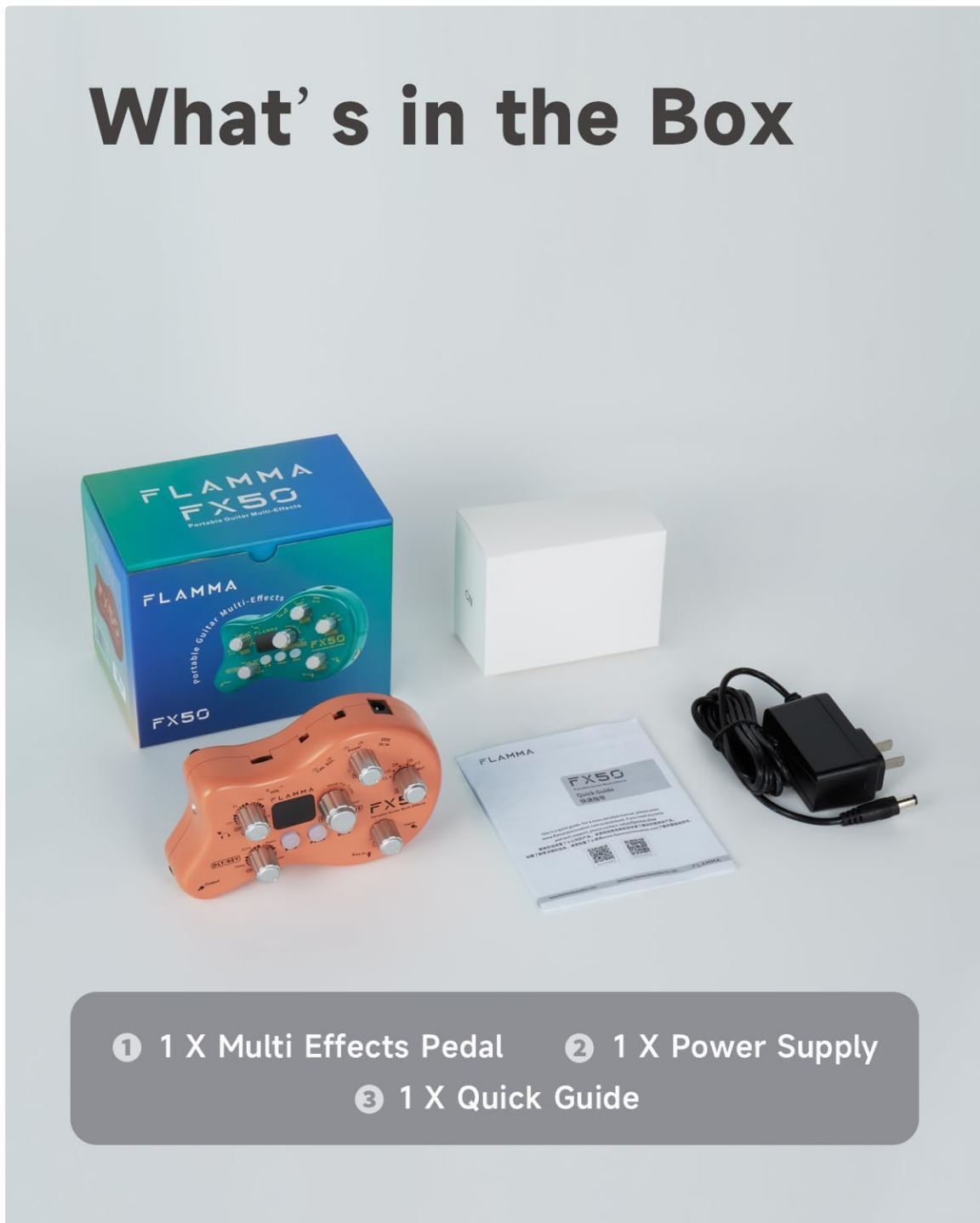


Figure 9: What's in the Box

- 1 x FLAMMA FX50 Multi-Effects Pedal
- 1 x AC Adapter (9V DC)
- 1 x Safety Instruction & Warranty Card
- 1 x Sticker
- 1 x USB Cable

## 9. OFFICIAL PRODUCT VIDEO

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Your browser does not support the video tag.

Video 1: FLAMMA FX50 Review by Mike Hermans. This video provides an overview and demonstration of the FLAMMA FX50 pedal's features and sound capabilities.

## 10. WARRANTY AND SUPPORT

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The FLAMMA FX50 comes with a manufacturer's warranty. Please refer to the included Safety Instruction & Warranty Card for detailed information regarding warranty coverage and terms. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please visit the official FLAMMA website or contact their customer service department.