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FLAMMA FX100

FLAMMA FX100 Guitar Multi-effects Pedal User Manual

Model: FX100

1. PRODUCT OVERVIEW

The FLAMMA FX100 is a versatile guitar multi-effects pedal designed for musicians seeking a comprehensive range of tones and functionalities in a compact unit. It integrates various effects, amp models, and utility features for practice, performance, and recording.



Figure 1: Top view of the FLAMMA FX100 Guitar Multi-effects Pedal, showcasing its display, control knobs, and footswitches.

Key Features:

- **9 Effects Blocks:** Fxcomp, Distortion, Overdrive, Amp, Cab, Noise Gate, EQ, Modulation, Delay, Reverb, covering over 150 effects. Up to 9 effects can be used simultaneously.
- **55 Classic & Modern High-Quality Guitar AMP Models:** Utilizes non-linear digital amp modeling technology for authentic tube amp tone, feel, and response.
- **200 Presets:** Provides a wide array of sound options.
- **80-Second Looper:** For recording and creative sound layering.
- **40 Drum Machine Options & 10 Metronomes:** Enhances practice and creative sound development.
- **OTG Function:** Supports compatible mobile phone or tablet connection for direct video/audio recording and live streaming.
- **Expression Pedal:** Can be configured to control volume or various effects parameters.
- **USB Connectivity:** For software updates and preset editing via dedicated editor software on Windows PC or MAC.



Figure 2: Visual summary of the FLAMMA FX100's core features, including 151 effects, 55 amp models, 200 presets, 80-second looper, 40 drum machine options, 10 metronomes, software editing, and OTG function.

2. SETUP

2.1 Unboxing and Initial Inspection

Upon opening the package, ensure all components are present and in good condition. The FLAMMA FX100 package typically includes:

- FLAMMA FX100 Multi-effects Pedal
- Power Supply
- USB Cable
- Quick Guide



Figure 3: Contents of the FLAMMA FX100 package, including the pedal, power supply, USB cable, and quick guide.

2.2 Power Connection

Connect the provided 9V DC power supply to the 'DC IN' port on the rear of the FX100. Ensure the power supply is securely connected to a compatible power outlet.

2.3 Connecting Your Instrument and Audio Output

The FX100 offers multiple connectivity options:

- **Guitar Input:** Connect your electric guitar to the 'INPUT' 1/4" mono audio jack.
- **Audio Output:** Connect the 'OUTPUT' 1/4" mono audio jack(s) to your amplifier, mixer, or audio interface. The FX100 supports both mono (LEFT/MONO) and stereo (LEFT/MONO and RIGHT) output.
- **Headphone Output:** For silent practice, connect your headphones to the 'Headphone Output' 1/8" stereo audio jack.
- **AUX IN:** Connect external audio devices (e.g., MP3 player, phone) to the 'AUX IN' 1/8" stereo audio jack for playback.

THE EXPRESSION PEDAL

CAN BE USED TO CONTROL THE VOLUME OR THE EFFECTS



Figure 4: Rear panel of the FLAMMA FX100, illustrating the various input and output ports for guitar, amplifier, headphones, AUX, USB, and power.

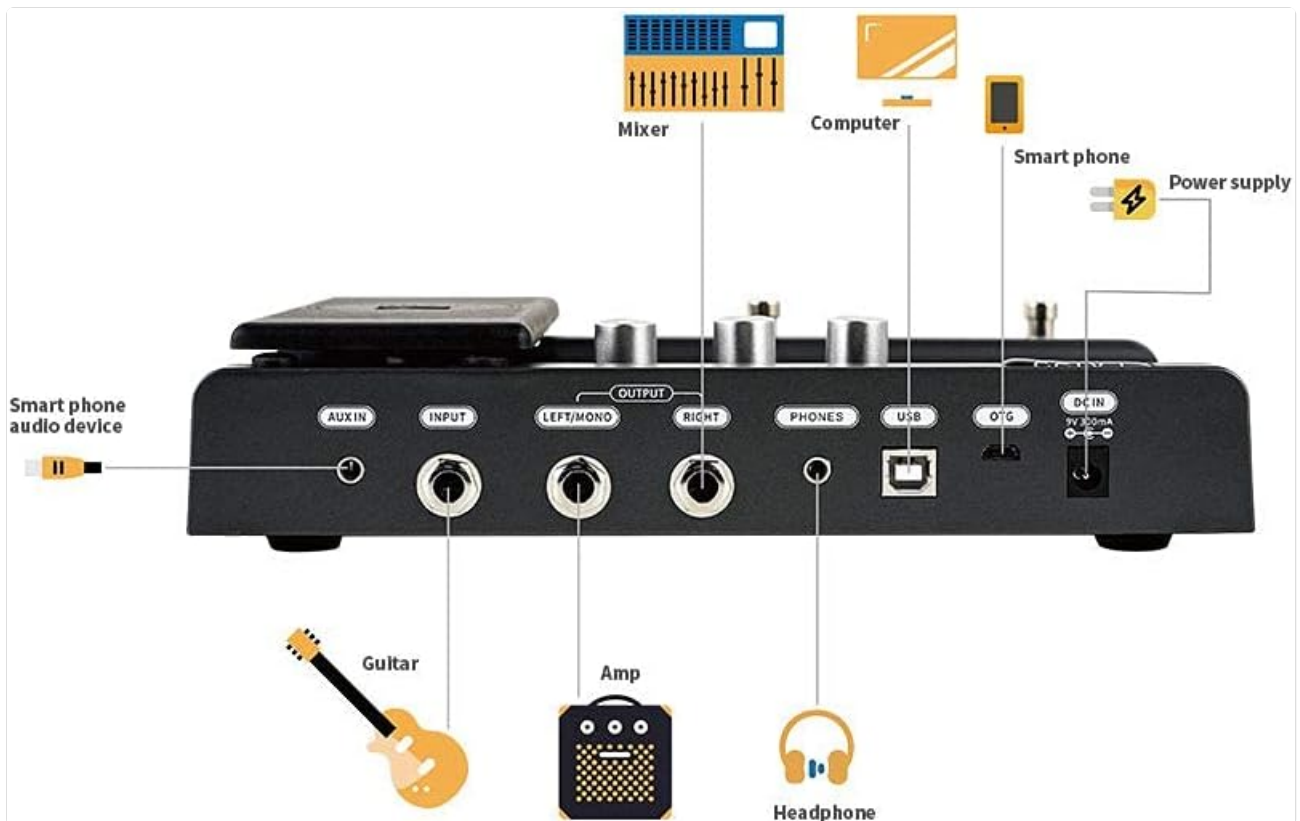


Figure 5: The FLAMMA FX100 connected to headphones for private practice sessions.

2.4 OTG Functionality

The FX100 features an OTG (On-The-Go) port (MICRO USB) for direct connection to compatible mobile phones or tablets. This allows for direct audio/video recording using recording software on your mobile device, making it suitable for live streaming or creating content.



Figure 6: The FLAMMA FX100 integrated into a live streaming setup, connected to a smartphone via the OTG cable for direct audio recording.

3. OPERATING THE FX100

3.1 Controls Overview

The FX100 features intuitive controls for easy navigation and sound shaping:

- **Display Screen:** Shows current preset, effect parameters, and tuner information.
- **MODE Knob:** Selects different modes or menus.
- **VALUE Knob:** Adjusts parameter values.
- **MASTER Knob:** Controls overall output volume.
- **Footswitches:** Used for preset switching, looper control, tuner activation, and other functions.

3.2 Effects and Amp Models

The FX100 boasts 9 effects blocks and 55 amp models, providing a vast sonic palette. Each effect block contains multiple effects, totaling over 150 distinct effects.



Figure 7: Diagram illustrating the 9 distinct effects blocks available on the FLAMMA FX100, offering a wide range of tonal possibilities.

3.3 Presets

The FX100 comes with 200 factory presets. These presets offer a quick way to explore different tones and can be customized and saved to user slots. Connect to a Windows PC or MAC via USB to use the dedicated editor software for advanced preset editing and management.

3.4 Looper and Drum Machine

The built-in 80-second looper allows you to record and layer guitar phrases, aiding in practice and songwriting. The FX100 also includes 40 drum machine options and 10 metronomes to provide rhythmic backing for your playing.

3.5 Expression Pedal

The integrated expression pedal can be assigned to control various parameters, such as volume, wah, or other effect

intensities, offering dynamic real-time control over your sound.



Figure 8: The expression pedal on the FLAMMA FX100, which can be configured to control volume or various effects parameters for dynamic performance.

4. MAINTENANCE

To ensure the longevity and optimal performance of your FLAMMA FX100, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the unit. Avoid using abrasive cleaners, waxes, or solvents.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Periodically check the official FLAMMA website for firmware updates. Connect the FX100 to your computer via USB and use the FLAMMA FX100 STUDIO Software to perform updates.
- **Power Supply:** Always use the original or a compatible 9V DC power supply to prevent damage.

5. TROUBLESHOOTING

If you encounter any issues with your FLAMMA FX100, consider the following basic troubleshooting steps:

- **No Power:** Ensure the power supply is correctly connected to the unit and a working power outlet. Verify the power supply specifications (9V DC).
- **No Sound:** Check all cable connections (guitar input, audio output, headphones). Ensure the volume levels on the FX100, your guitar, and your amplifier/headphones are turned up. Verify that no effects are bypassed or set to zero output.
- **Distorted/Unwanted Sound:** Check gain and drive settings. Ensure proper impedance matching with your amplifier. If using headphones, adjust the headphone volume.
- **Effects Not Working:** Ensure the specific effect blocks are enabled within the FX100's settings.
- **Connectivity Issues (USB/OTG):** Ensure the correct drivers are installed (if applicable for PC/MAC software). Try a different USB cable or port. For OTG, ensure your mobile device supports OTG functionality.

For more detailed troubleshooting and technical support, please refer to the official FLAMMA FX100 User Manual PDF available on the manufacturer's website.

6. SPECIFICATIONS

Feature	Specification
Model Number	FX100
Item Weight	1.89 pounds
Product Dimensions	9.06 x 6.15 x 1.29 inches
Body Material	Metal
Color	FX100 Gray
Compatible Devices	Computer, Electric Guitar
Connector Types	AUX IN (1/8" stereo), Headphone Output (1/8" stereo), Input (1/4" mono), OTG port (MICRO USB), Output (1/4" mono)
Hardware Interface	USB
Signal Format	Digital
Supported Software	FLAMMA FX100 STUDIO Software
Power Source	Corded Electric
Voltage	9 Volts

7. WARRANTY AND SUPPORT

The FLAMMA FX100 comes with a **ONE-YEAR GUARANTEE** from the date of purchase. For warranty claims, technical support, or further assistance, please contact FLAMMA customer service or refer to the official product documentation. For the most up-to-date information and a complete user guide, please visit the official FLAMMA website or download the

