

FLAMMA FX20

FLAMMA FX20 Guitar Headphone Amp User Manual

Model: FX20 | Brand: FLAMMA

1. INTRODUCTION

The FLAMMA FX20 is a versatile and compact guitar headphone amplifier designed for practice, recording, and creative sound exploration. It integrates a wide array of features including 52 classic amp models, 40 drum grooves, 14 modulation effects, 5 delay effects, and 5 reverb effects. The FX20 offers seamless control via a specialized mobile application, USB audio recording capabilities, OTG streaming, and Bluetooth connectivity for backing tracks.



Image: The FLAMMA FX20 headphone amp alongside its mobile application interface.

2. PRODUCT OVERVIEW

The FX20 features a robust and portable design, allowing for direct connection to your guitar. Its intuitive physical controls complement the comprehensive mobile application for sound customization.

An All-in-one Personal Headphones Amp

Featuring a wide range of amazing amps
and effects in a compact item

APP SOFTWARE

52 AMP MODELS

40 DRUM GROOVES

14 MODULATIONS

5 DELAY EFFECTS

BLUETOOTH

5 REVERB EFFECTS

USB AUDIO



Image: Detailed view of the FLAMMA FX20's control buttons for drum machine, BPM, type, volume, and preset selection.

Key physical controls include:

- **DRUM Button:** Activates/deactivates the drum machine.
- **BPM Button:** Adjusts the tempo of the drum grooves.
- **TYPE Button:** Cycles through different drum groove styles.
- **+/- Buttons:** Adjust volume levels and other parameters.
- **PRESET Button:** Cycles through and saves user presets.
- **VOLUME Slider:** Controls the overall output volume.
- **ON/OFF Switch:** Powers the device on or off, and activates Bluetooth pairing.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the FX20 using the provided USB-C cable. Connect the USB-A end to a compatible power adapter or computer USB port, and the USB-C end to the FX20's charging port. The indicator light will show charging status.

3.2 Connecting to Your Guitar and Headphones

Insert the 1/4-inch instrument jack of the FX20 directly into your guitar's output jack. Plug your headphones into the 3.5mm audio output jack on the FX20. Ensure the device is powered on using the ON/OFF switch.



Image: The FLAMMA FX20 connected to an electric guitar, with a smartphone nearby showing the connected app.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

Once connected, adjust the VOLUME slider to a comfortable listening level. Use the PRESET button to cycle through the four onboard presets. The indicator lights will change color to denote the active preset (Blue, Purple, Green, Red).

4.2 Using the FLAMMA App

The specialized FLAMMA mobile application provides extensive control over the FX20's features. Download the app from the official FLAMMA website, Play Store, or App Store. Activate Bluetooth on your mobile device and slide the FX20's ON/OFF switch to the 'ON' position to enter Bluetooth pairing mode. Connect to the 'FX20' device within the app to access detailed parameter editing, cloud platform for preset sharing, and more.



Image: The FLAMMA mobile application displaying various effect parameters and settings for the FX20.

Video: An overview of the FLAMMA FX20 Headphone Amp, demonstrating its features and app integration.

4.3 Amp Models and Effects

The FX20 offers a comprehensive suite of digital effects and amp models:

- **Amp Models:** 52 classic amp models for diverse tonal options.
- **Modulation Effects:** 14 distinct modulation effects.
- **Delay Effects:** 5 different delay effects.
- **Reverb Effects:** 5 different reverb effects.

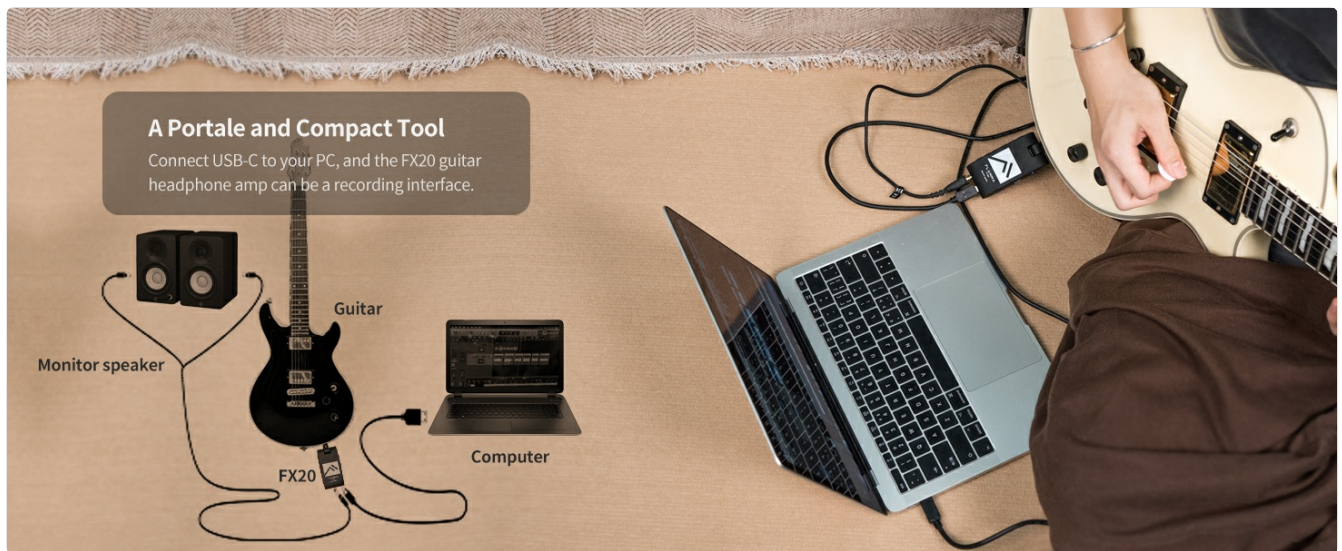


Image: Visual representation of the extensive amp models and effects available on the FX20.

4.4 Drum Machine

The built-in drum machine features 40 diverse drum grooves across 7 musical styles (POP, BLUES, PUNK, ROCK, METAL, FUNK, JAZZ). Press the DRUM button to activate the drum machine. Use the BPM button to adjust the tempo (40-260 BPM) and the TYPE button to switch between different grooves. The volume of the drum machine can be adjusted via the app.



Image: Overview of the 7 musical styles and 40 drum grooves integrated into the FX20.

Video: A detailed overview of the FLAMMA FX20's drum machine features and functionality.

4.5 USB Audio Recording & OTG Function

The FX20 supports USB Audio recording and playback, allowing you to record your guitar directly to a computer or mobile device. This feature is ideal for creating social media content, direct recording, or live streaming. A third-party ASIO driver may be required for optimal performance on Windows devices.

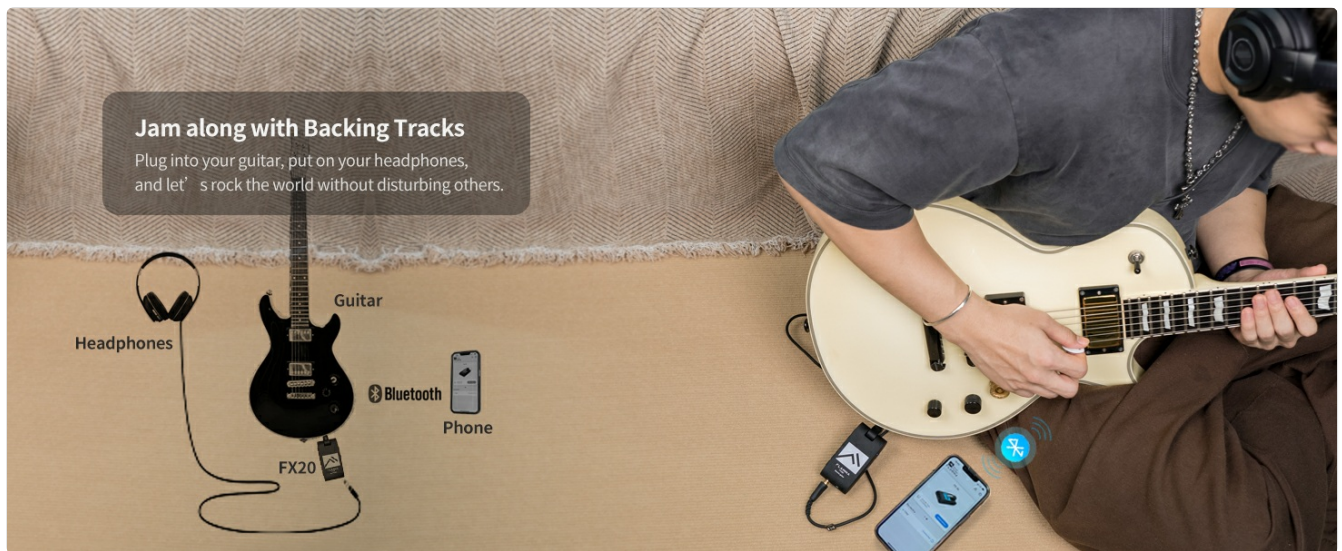


Image: Setup diagram illustrating how to connect the FX20 for USB audio recording to a computer.

4.6 Bluetooth Connection for Backing Tracks

Connect your mobile device via Bluetooth to the FX20 to play along with backing tracks. This allows for a wireless and immersive practice experience without disturbing others.



Image: A guitarist using the FX20 with headphones and a smartphone for Bluetooth audio playback.

5. MAINTENANCE

5.1 Cleaning

Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents. Avoid spraying liquids directly onto the unit.

5.2 Storage

Store the FX20 in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, ensure the unit is fully charged before storage and recharge periodically to maintain battery health.

5.3 Battery Care

The FX20 contains a Lithium Metal battery. To prolong battery life, avoid fully discharging the unit frequently. Recharge the battery when the low battery indicator appears. Do not attempt to replace the battery yourself.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **No Sound:** Ensure the FX20 is powered on, headphones are properly connected, and guitar cable is fully inserted. Check the volume slider and app settings.
- **Bluetooth Connection Issues:** Ensure the FX20 is in pairing mode (blue light blinking) and your mobile device's Bluetooth is enabled. Try restarting both devices.
- **App Not Connecting:** Verify Bluetooth connection. Ensure the app is updated to the latest version.
- **Distorted Sound:** Check guitar input level and adjust the FX20's volume. Ensure no effects are clipping.

For more detailed troubleshooting or specific technical issues, please refer to the official user manual PDF available for download.

7. SPECIFICATIONS

Feature	Detail
Model	FX20
Amp Models	52
Modulation Effects	14
Delay Effects	5
Reverb Effects	5
Drum Grooves	40
Bluetooth	Bluetooth 5.0
USB Audio	OTG Recording & Playback
Input	1/4" Instrument Jack
Output	3.5mm Audio Output
Power Source	Battery Powered (Lithium Metal)
Item Weight	2.08 ounces
Product Dimensions	3.23 x 1.18 x 1.57 inches







8. WARRANTY AND SUPPORT

FLAMMA products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official FLAMMA website for specific warranty terms and conditions.

For customer support, technical assistance, or to download the full user manual in PDF format, please visit the official FLAMMA support page or refer to the contact information provided in your product packaging.

Official User Manual (PDF): [Download Here](#)

Related Documents - FX20

	<p>FLAMMA FX20 Portable Intelligent Modeling Headphone Amps - Owner's Manual</p> <p>Comprehensive owner's manual for the FLAMMA FX20, a portable intelligent modeling headphone amplifier. Learn about its features, operation, layout, and effect list.</p>
	<p>FLAMMA FX20 Portable Intelligent Modeling Headphone Amps Owner's Manual</p> <p>Comprehensive owner's manual for the FLAMMA FX20 Portable Intelligent Modeling Headphone Amps, detailing features, layout, instructions, effect lists, and specifications. Learn how to use its 52 amp models, 40 drum grooves, Bluetooth, and USB audio functions.</p>
	<p>Flamma FB200 Intelligent Combined Effects Pedal Manual</p> <p>Comprehensive user manual for the Flamma FB200 Intelligent Combined Effects Pedal, covering important notes, safety instructions, performance overview, panel description, device connections, effect modules, operation modes, additional functions, tone descriptions, and technical specifications.</p>
	<p>Flamma FX10 Portable Modeling Headphone Amps Owner's Manual</p> <p>Comprehensive owner's manual for the Flamma FX10 Portable Modeling Headphone Amps, detailing features, layout, instructions, and specifications for guitarists and musicians.</p>
	<p>Flamma FX100 Guitar Multi-Effects Owner's Manual</p> <p>Comprehensive owner's manual for the Flamma FX100 Guitar Multi-Effects pedal, detailing features, controls, connections, software, effects lists, and specifications.</p>
	<p>FLAMMA FV01 Vocal Pitch Correction Pedal - User Manual</p> <p>The FLAMMA FV01 is a vocal pitch correction pedal offering precise pitch correction, high-quality delay and reverb effects, and versatile tone shaping for vocalists. This owner's manual provides detailed instructions on its features, operation, and specifications.</p>



[FLAMMA FX20 Portable Intelligent Modeling Headphone Amps Owner's Manual](#)

Comprehensive owner's manual for the FLAMMA FX20 Portable Intelligent Modeling Headphone Amps, detailing features, layout, instructions, effect lists, and specifications. Learn how to use its 52 amp models, 40 drum grooves, Bluetooth, and USB audio functions.

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