

## HEADRUSH FRFR108MK2

# FRFR108 MKII Instruction Manual

Model: FRFR108MK2 | Brand: HEADRUSH

## 1. INTRODUCTION

The HEADRUSH FRFR108 MKII is a 2000W full-range, flat-response (FRFR) powered speaker designed for electric and bass guitar players utilizing amp modeling multi-effect pedals or pedalboards. Its flat response ensures that the pure tone and character of your instrument and processing are preserved without compromise. This unit is suitable for rehearsals and live performances, offering robust sound in a lightweight and versatile package.

The FRFR108 MKII features an 8-inch woofer and a 1-inch high-frequency compression driver, delivering clear and accurate sound reproduction. It also includes Bluetooth connectivity for wireless audio streaming and offers multiple positioning options (wedge, upright, pole-mounted) to adapt to various performance environments.

## 2. KEY FEATURES

- **Powerful Professional Sound:** 2000W powered amplifier with flat response, optimized for amp modeling pedals and processors.
- **Advanced Electrical Design:** Full-range, flat-response cabinet with specially-voiced 8" woofer and 1" HF compression driver for superb clarity and accuracy.
- **Versatile Placement:** Can be used in wedge, upright, or pole-mounted positions.
- **Lightweight and Portable:** Weighs approximately 21 lbs (9.5 kg), making it easy to transport.
- **Bluetooth Connectivity:** Wirelessly stream music from mobile devices via Bluetooth 5.0 for practice or during breaks.
- **Effortless Connectivity:** Features two (2) XLR/TRS 1/4" combo inputs with independent volume controls and an XLR direct output for chaining speakers or sending to a front-of-house mix.
- **Noise Reduction:** Includes an HPF EQ switch to cut through muddy mixes and a Ground-Lift switch to eliminate ground loop noise.

### 3. WHAT'S IN THE BOX

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Upon opening your HEADRUSH FRFR108 MKII package, please ensure all the following items are present:

- FRFR-108 MK2 Powered Speaker
- Power Cable
- Quickstart Guide
- Safety & Warranty Manual

If any items are missing or damaged, please contact HEADRUSH customer support immediately.

### 4. SETUP

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#### 4.1 Initial Placement

The FRFR108 MKII offers flexible placement options to optimize sound projection:

- **Wedge Position:** Lay the unit on its side for use as a floor monitor.
- **Upright Position:** Stand the unit vertically for standard speaker projection.
- **Pole-Mounted Position:** Utilize the integrated 36mm pole socket on the bottom of the unit to mount it on a standard speaker pole for elevated sound dispersion.



*Figure 4.1: Integrated 36mm pole socket for elevated mounting.*

# FLEXIBLE | LIGHTWEIGHT | STURDY

## RUGGED YET EASY TO TRANSPORT



## WEDGE | POLE-MOUNTED | UPRIGHT

*Figure 4.2: The FRFR108 MKII can be positioned as a wedge monitor, pole-mounted, or used upright.*

### 4.2 Power Connection

Connect the supplied power cable to the AC input on the rear panel of the FRFR108 MKII and then to a grounded power outlet. Ensure the power switch is in the 'Off' position before connecting to power.

### 4.3 Audio Connections

The FRFR108 MKII features two (2) XLR/TRS 1/4" combo inputs. These inputs are ideal for connecting your amp modeling processor, multi-effects unit, or other audio sources.



# EFFORTLESS CONNECTIVITY



**1** 2 INDEPENDENT VOLUME CONTROLS

**2** XLR MIX OUTPUT

**3** 2 COMBO XLR + 1/4" INS

**4** GROUND LIFT SWITCH

**5** BLUETOOTH 5.0 DEVICE PAIRING SWITCH

**6** HPF EQ SWITCH

Figure 4.3: Rear panel connections and controls.

- Connect your primary audio source (e.g., guitar processor) to Input 1.
- If using a secondary source or another instrument, connect it to Input 2.
- Adjust the independent Volume 1 and Volume 2 controls to set the desired input levels.
- For chaining multiple FRFR speakers or sending the mix to a front-of-house (FOH) system, use the XLR Mix Out.

## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On/Off

Once all connections are secure, flip the Power switch on the rear panel to the 'On' position. The power LED will illuminate. To power off, simply flip the switch back to 'Off'.

### 5.2 Bluetooth Pairing

To stream audio wirelessly from a mobile device:

1. Ensure your mobile device's Bluetooth is enabled.
2. Press the Bluetooth Pairing switch on the rear panel of the FRFR108 MKII. The Bluetooth LED will begin to flash, indicating it's in pairing mode.
3. On your mobile device, select "FRFR108 MKII" from the list of available Bluetooth devices.
4. Once paired, the Bluetooth LED on the FRFR108 MKII will glow solid. You can now stream audio.

## BLUETOOTH ENABLED



## FAST & SIMPLE MUSIC STREAMING FROM YOUR MOBILE DEVICE

*Figure 5.1: Bluetooth connectivity for wireless audio streaming.*

### 5.3 Using the HPF EQ Switch

The HPF (High-Pass Filter) EQ switch is designed to help your sound cut through a dense or "muddy" stage mix by reducing low-frequency content. Engage this switch if your instrument's sound is getting lost in the mix, particularly in live performance settings.

### 5.4 Ground-Lift Switch

If you experience hum or buzzing noises, especially when connecting to different power sources or other audio equipment, engage the Ground-Lift switch. This can help eliminate ground loop issues.

### 5.5 Volume Control

Adjust the individual Volume 1 and Volume 2 knobs for each input to achieve the desired balance between connected instruments or audio sources. The overall output level can then be controlled by your connected

modeling processor or the master volume of your sound system.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** When not in use, store the FRFR108 MKII in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure proper ventilation around the unit during operation to prevent overheating. Do not block any ventilation openings.
- **Cable Management:** Regularly check all cables for wear and tear. Replace damaged cables immediately to ensure safe and optimal performance.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound Output	Power not connected or unit off. Input cables not connected properly. Volume controls set too low. Connected device (e.g., pedalboard) not sending signal.	Ensure power cable is secure and unit is powered on. Check all audio cable connections. Increase Volume 1/2 knobs and master volume on your source. Verify the connected device is powered on and outputting sound.
Hum or Buzzing Noise	Ground loop issue. Faulty cables.	Engage the Ground-Lift switch on the rear panel. Try different audio cables.
Bluetooth Not Pairing	Bluetooth pairing mode not active. Device too far from speaker. Interference.	Press the Bluetooth Pairing switch to activate pairing mode (flashing LED). Move device closer to the speaker. Turn off other Bluetooth devices in the vicinity.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	FRFR108MK2



Feature	Detail
Output Wattage	2000 Watts (Peak)
Speaker Size	8-inch Woofer, 1-inch HF Compression Driver
Item Weight	20.9 pounds (9.5 kg)
Product Dimensions	10.24 x 9.84 x 16.93 inches (26 x 25 x 43 cm)
Color	Black
Material	Plastic Metal
Compatible Devices	Guitar, Bass, Multi-FX/Amp Modeling Processors
Connector Type	6.35mm Jack, XLR
Power Source	Corded Electric
Bluetooth Version	5.0

## 9. WARRANTY AND SUPPORT

The HEADRUSH FRFR108 MKII comes with a manufacturer's warranty. Please refer to the included "Safety & Warranty Manual" for detailed information regarding warranty coverage, terms, and conditions. For technical support, service, or additional product information, please visit the official HEADRUSH website or contact their customer service department. Contact details can typically be found in the warranty manual or on the brand's official website.

**Online Resources:**

- [Visit the HEADRUSH Store on Amazon](#)

## 10. OFFICIAL PRODUCT VIDEOS

Below are official product videos from the manufacturer providing additional insights and demonstrations of the FRFR108 MKII.

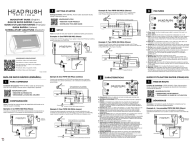


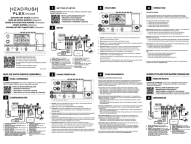


**HeadRush - FRFRMKII - Launch Promo**

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*This video provides a promotional overview of the HeadRush FRFRMKII series, showcasing its design, features, and application for guitar and bass players using amp modelers. It highlights the speaker's power, clarity, and versatility in various setups.*



Related Documents - FRFR108MK2

	<p><a href="#">HeadRush FRFR-108 MK2 Quickstart Guide</a></p> <p>A quickstart guide for the HeadRush FRFR-108 MK2 powered full-range, flat-response (FRFR) amplifier, covering setup, features, and safety instructions in multiple languages.</p>
	<p><a href="#">HeadRush MX5 Guitar Effects Processor: User Guide and Quickstart</a></p> <p>This comprehensive guide for the HeadRush MX5 guitar effects processor covers setup, operation, features like rigs, scenes, looper, and global settings. Available in multiple languages.</p>
	<p><a href="#">Headrush FRFR-112 Powered Speaker User Guide</a></p> <p>User guide for the Headrush FRFR-112, a 2000-watt full-range flat-response powered cabinet. Includes setup, controls, and specifications.</p>
	<p><a href="#">Headrush Flex Prime Quickstart Guide</a></p> <p>Concise guide to getting started with the Headrush Flex Prime, a powerful guitar multi-effects processor and amp modeler. Learn setup, features, and operation.</p>
	<p><a href="#">HeadRush Flex Prime User Guide - Comprehensive Manual</a></p> <p>Explore the HeadRush Flex Prime multi-effects processor with this detailed user guide. Learn about its features, setup, operation, advanced settings, and how to create unique guitar tones.</p>
	<p><a href="#">HeadRush MX5 Quickstart Guide: Guitar Effects Processor</a></p> <p>Get started quickly with the HeadRush MX5, a powerful guitar effects processor. This guide covers setup, basic operation, footswitch modes, rig management, and hardware assignments for your HeadRush MX5.</p>