Universal Audio GPM-LION

Universal Audio Lion '68 Super Lead Amp Pedal Instruction Manual

Model: GPM-LION

Introduction

The Universal Audio Lion '68 Super Lead Amp Pedal is a compact stompbox designed to deliver authentic late-'60s British 100-watt tube amplifier tones. Utilizing powerful dual-engine processing and world-class UAD modeling, this pedal provides the distinct sounds of three classic plexi amplifiers, offering a range from clean tones to aggressive breakup and hot-rodded distortion. It is engineered to bring iconic rock sounds to your setup, whether for live performance, studio recording, or practice.

Key Features

- **Authentic Tube Amp Emulation:** Powerful UAFX dual-engine delivers the most authentic late-'60s British 100-watt tube sound ever placed into a stompbox.
- **Multiple Amp Models:** Authentic emulations of three legendary high-powered tube amplifiers — Super Lead, Super Bass, and "Brown" models.
- **Integrated Speaker Cabinet Emulations:** Includes world-class speaker cabinet, mic, and room tones derived from the award-winning OX Amp Top Box.
- **Customization Options:** Features "hot rod" amp and speaker mods, plus free additional downloadable speaker cabinets and mics upon registration.
- **Flexible Usage:** Bypass cabinet/mic emulations to use the pedal in front of your amplifier for added tonal flavor and overdrive sounds.
- **UAFX Mobile App Integration:** The UAFX mobile app allows customization of footswitches, tweaking of noise gate settings, recalling and archiving presets, unlocking additional features, and downloading artist presets.
- **Durable Construction:** Timeless UA design and craftsmanship, built to last decades.

Setup Guide

Follow these steps to set up your Universal Audio Lion '68 Super Lead Amp Pedal:

1. **Power Connection:** Connect a 9VDC power supply (not included) to the 9VDC input jack on the rear of the pedal. Ensure the power supply meets the pedal's requirements for stable operation.

2. **Input Connection:** Connect your guitar or other instrument to the **IN 1/MONO** input jack. For stereo operation, connect a second instrument or stereo source to the **IN 2/STEREO** input jack.
3. **Output Connection:** Connect the **OUT 1/MONO** output jack to your amplifier, audio interface, or mixer. For stereo output, connect the **OUT 2/STEREO** output jack as well.
4. **USB Connection (Optional):** For firmware updates and advanced control via the UAFX mobile app, connect a USB-C cable from the pedal's USB port to your computer or mobile device.
5. **Initial Power On:** Once all connections are secure, apply power to the pedal. The status LEDs will illuminate.



Figure 1: Rear panel connections of the Lion '68 pedal, including 9VDC power, mono/stereo inputs and outputs, and a USB port for connectivity.

Operating Instructions

The Lion '68 pedal offers a range of controls to shape your tone. Familiarize yourself with the layout and functions:





Figure 2: Front panel controls of the Lion '68 pedal, featuring Volume I, Volume II, Output, EQ knobs, and various switches.

Controls and Functions:

Control	Function
VOLUME I	Controls the input gain for the first channel, affecting overall drive and saturation.

Control	Function
VOLUME II	Controls the input gain for the second channel, providing additional gain staging and tonal variations.
OUTPUT	Adjusts the overall output level of the pedal.
BASS	Adjusts the low-frequency response of the emulated amplifier.
MIDDLE	Adjusts the mid-range frequency response, crucial for shaping the character of the tone.
TREBLE	Adjusts the high-frequency response, controlling brightness and presence.
PRESENCE	Controls the very high-frequency response, adding clarity and cut.
BOOST	Engages an additional gain boost for increased saturation and volume.
CAB Switch	Selects between different speaker cabinet emulations: ◦ **GB25:** Late '60s Marshall with vintage Celestion 25-watt "Greenbacks" ◦ **GB30:** Marshall "100" birch cab with Celestion 30-watt "Greenbacks" ◦ **JB/GB:** Two Celestion 25-watt "Greenbacks" / Two JBL D-120 Fs (available upon registration)
MODEL Switch	Selects between the three primary amplifier models: ◦ **LEAD:** Emulates the Super Lead amplifier. ◦ **BASS:** Emulates the Super Bass amplifier. ◦ **BROWN:** Emulates the "Brown" amplifier, offering a distinct hot-rodded tone.
ALT Switch	Activates alternate functions for certain knobs (e.g., Room, Store). Refer to the UAFX app for full details on alternate functions.
ON Footswitch	Toggles the pedal effect on or off.
PRESET Footswitch	Cycles through saved presets. Presets can be managed and customized via the UAFX mobile app.

Using the UAFX Mobile App:

The UAFX Control mobile app (available for iOS and Android) significantly expands the functionality of your Lion '68 pedal. Connect your pedal via Bluetooth to:

- Customize footswitch assignments.
- Tweak advanced parameters like noise gate settings.
- Recall and archive your custom presets.
- Unlock additional features and download new speaker cabinets/mics.
- Download artist presets for instant access to professional tones.
- Perform firmware updates to ensure optimal performance and access new features.

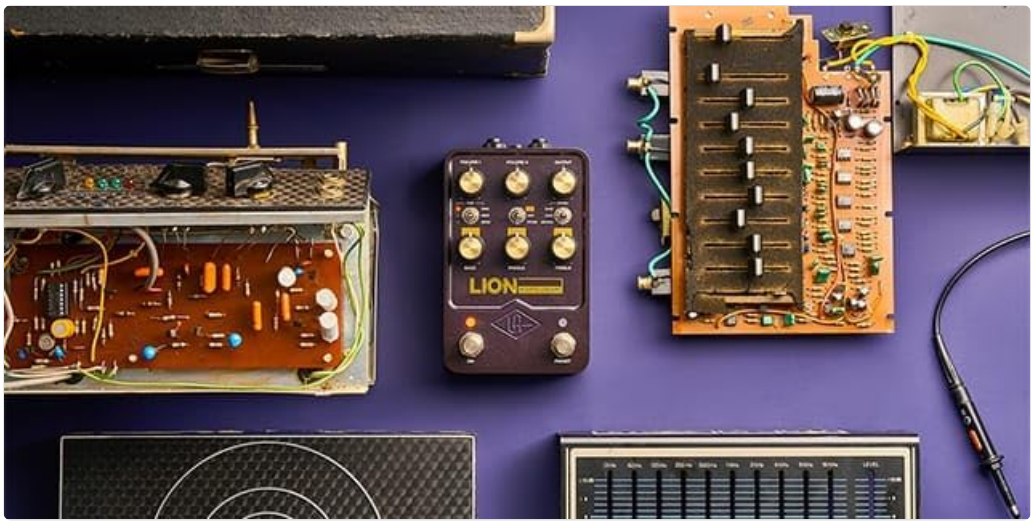


Figure 3: The Lion '68 pedal integrated into a larger setup, demonstrating its compact size and versatility.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your Lion '68 pedal:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners, solvents, or excessive moisture, which can damage the finish and internal components.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. When not in use for extended periods, disconnect all cables.
- **Firmware Updates:** Regularly check for and install firmware updates via the UAFX mobile app or Universal Audio's website. Updates often include performance improvements, bug fixes, and new features.
- **Cable Management:** Ensure all cables are in good condition and properly connected. Avoid bending cables sharply or placing heavy objects on them.

Troubleshooting

If you encounter issues with your Lion '68 pedal, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No Sound Output	◦ Ensure the power supply is correctly connected and providing sufficient power (9VDC, center-negative). ◦ Check all audio cables (input and output) for secure connections and ensure they are not damaged. ◦ Verify that the pedal is engaged (ON footswitch LED is lit). ◦ Confirm that your amplifier or audio interface is powered on and correctly configured.
Digital Clicks or Unwanted Noise	◦ This can occur if the pedal is not receiving adequate power. Use a high-quality, regulated 9VDC power supply with sufficient current (mA) output as specified by Universal Audio. ◦ Ensure all connections are secure to prevent ground loops or interference.
Noise Gate Issues / Unexpected Behavior	◦ Connect to the UAFX mobile app to adjust noise gate settings. ◦ Ensure the pedal's firmware is up to date. Outdated firmware can sometimes lead to unexpected behavior.

Problem	Possible Cause / Solution
Volume Dropouts or Random Distortion Increase	◦ Check your power supply for stability and sufficient current. ◦ Perform a firmware update via the UAFX app to resolve potential software glitches. ◦ If the issue persists, contact Universal Audio support.
Difficulty Connecting to UAFX App	◦ Ensure Bluetooth is enabled on your mobile device. ◦ Make sure the pedal is powered on and within range. ◦ Update the UAFX app to the latest version. ◦ Try restarting both the pedal and your mobile device.

Specifications

Attribute	Detail
Model Number	GPM-LION
Manufacturer	Universal Audio
Product Dimensions	4.72 x 7.09 x 3.15 inches (12 x 18 x 8 cm)
Item Weight	1.25 pounds (567 grams)
Compatible Devices	Guitar
Output Wattage	100 Watts (emulated)
Color	Black
Power Requirement	9VDC, center-negative (power supply not included)

Warranty and Support

Universal Audio products are designed for reliability and performance. For detailed warranty information, please refer to the warranty card included with your product or visit the official Universal Audio website. For technical support, product registration, or service inquiries, please contact Universal Audio customer support through their website or designated support channels. Keeping your product registered and firmware updated ensures access to the latest features and support.

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