

Manuals.plus /

› **Universal Audio** /

› Universal Audio Ruby '63 Top Boost Amplifier Pedal User Manual

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Model: Ruby '63 Top Boost (GPM-RUBY-cr)

1. INTRODUCTION

The Universal Audio Ruby '63 Top Boost Amplifier Pedal is designed to emulate the classic British valve combo amplifier tones. This pedal provides a range of sounds from rich, clean tones to complex overdrive and vibrato effects, offering the authentic feel and response of a vintage amplifier in a compact pedal format.

2. SAFETY INFORMATION

- Read and retain these instructions for future reference.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.
- Ensure proper power supply (9 Volts DC) is used to prevent damage.

3. PACKAGE CONTENTS

Your Universal Audio Ruby '63 Top Boost Amplifier Pedal package should include:

- Ruby '63 Top Boost Amplifier Pedal
- *(Power supply and connecting cables are typically sold separately unless specified by the retailer.)*

4. PRODUCT OVERVIEW

The Ruby '63 Top Boost pedal delivers the authentic sound of a vintage British valve combo amplifier. It features a robust set of controls to shape your tone, including volume, gain, and a versatile EQ section. The pedal also incorporates various boost and speaker emulation options to further customize your sound.



Image 4.1: The Ruby '63 Top Boost pedal in a performance setting. This image shows the overall design and size of the pedal relative to other musical equipment.

Controls and Features:

The Ruby '63 Top Boost pedal is equipped with several knobs and switches for precise tone shaping:

- **Volume Knob:** Controls the overall output level of the pedal.
- **Cut Knob:** Adjusts the high-frequency response, typically used to tame brightness.
- **Output Knob:** Fine-tunes the output level, often used in conjunction with the Volume knob.
- **Bass Knob:** Adjusts the low-frequency content of your tone.
- **Treble Knob:** Adjusts the high-frequency content of your tone.
- **Boost Knob:** Controls the amount of additional gain or boost applied to the signal.
- **Speaker Switch:** Selects between different speaker cabinet emulations, altering the overall tonal character.
- **Amp Mode Switch:** Changes the amplifier's operating mode, affecting gain structure and response.
- **Footswitches:** Typically for engaging/bypassing the effect and activating boost or other functions.



Image 4.2: A detailed view of the Ruby '63 pedal's controls. This image highlights the various knobs and switches for adjusting volume, tone, boost, and amp/speaker characteristics.

5. SETUP

5.1 Power Connection

The Ruby '63 pedal requires a 9 Volts DC power supply. Connect a compatible power adapter to the DC input jack on the pedal. Ensure the power supply meets the specified voltage and current requirements to prevent damage to the unit.

5.2 Audio Connections

Use standard 1/4-inch instrument cables for audio connections. The pedal features a 3.5mm audio hardware interface, typically for auxiliary input or headphone output, but the main input/output for guitar signal will be 1/4-inch jacks.

1. Connect your guitar or other instrument to the **INPUT** jack of the Ruby '63 pedal.
2. Connect the **OUTPUT** jack of the Ruby '63 pedal to your amplifier, audio interface, or the next pedal in your signal chain.

5.3 Placement in Signal Chain

As an amplifier emulator, the Ruby '63 pedal is typically placed towards the end of your pedalboard, before time-based effects like delay and reverb, or directly into an audio interface/mixer. Experiment with placement to find the sound that best suits your setup.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Once the power supply is connected, the pedal will power on. Use the main footswitch to engage or bypass the effect. An

LED indicator will typically show the pedal's active status.

6.2 Adjusting Tone

Utilize the various knobs and switches to dial in your desired amplifier tone:

- **Volume & Output:** Start with these at a moderate level and adjust to match your desired overall loudness.
- **Bass & Treble:** Shape the low and high frequencies to suit your guitar and musical style.
- **Cut:** Use this to fine-tune the high-end presence, especially useful for brighter guitars or amps.
- **Boost:** Increase this control for more gain and saturation, moving from clean tones to rich overdrive.
- **Speaker Switch:** Experiment with different speaker emulations to find the cabinet sound that complements your tone.
- **Amp Mode Switch:** This switch alters the internal amplifier circuitry, providing different gain stages and tonal characteristics. Refer to the product's specific documentation for detailed descriptions of each mode.

6.3 Using Footswitches

The pedal typically features two footswitches. One is for engaging/bypassing the main effect, and the other may activate a boost function or switch between presets, depending on the pedal's design. Consult the official Universal Audio documentation for specific footswitch functionalities.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a cool, dry place away from direct sunlight and extreme temperatures. If transporting, use a padded case to protect it from physical damage.
- **Connections:** Periodically check all cable connections for wear and tear. Ensure jacks are free of dust and debris.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Incorrect cable connections No power to the pedal Volume/Output knobs set too low Faulty cables	Verify input/output cables are correctly connected. Ensure power supply is connected and functional (9V DC). Increase Volume and Output knobs. Test with different cables.
Unwanted noise/hum	Ground loop Interference from other electronics Faulty power supply	Use an isolated power supply. Move the pedal away from other electronic devices. Try a different power supply.
Effect not engaging	Pedal is in bypass mode Footswitch malfunction	Press the footswitch to engage the effect (check LED). If problem persists, contact support.

9. SPECIFICATIONS

- **Brand:** Universal Audio
- **Model Name:** Ruby '63 Top Boost
- **Model Number:** GPM-RUBY-cr
- **Item Weight:** 562 Grams

- **Item Dimensions (LxWxH):** 7.09 x 4.72 x 3.15 inches
- **Voltage:** 9 Volts (DC)
- **Power Source:** Corded Electric
- **Audio Output Effects:** Distortion, Vibrato
- **Controls Type:** Knobs, Switches
- **Hardware Interface:** 3.5mm Audio
- **Signal Format:** Analog
- **Connector Type:** 3.5mm audio jack (for auxiliary/headphone, main I/O is 1/4-inch)
- **UPC:** 657768729478

10. WARRANTY AND SUPPORT

The Universal Audio Ruby '63 Top Boost Amplifier Pedal comes with a **90 days limited warranty**. For warranty claims or technical support, please contact Universal Audio customer service or your authorized dealer. Keep your proof of purchase for warranty validation.

For the most up-to-date support information, product registration, and additional resources, please visit the official Universal Audio website.

