



**Thank you for purchasing our PAL959-V2 PLEXI Emulator pedal effect, please read this before using.**

#### **INTRODUCTION:**

This new version of the PAL959 series will give you not only a true Marshall in a box effect as the previous version, but also its going to give you the true experience that you could get of a Marshall 1959SLP front panel control and even more.

This pedal 100% handmade (one by one) uses the same circuit schematic that you will find in the real amp, using especially selected transistors instead of vacuum tubes.

Each PAL959-V2 PLEXI Emulator has been infused with all our passion and been assembled, setup, tested and approved by the founders of this company, we truly hope you enjoy your pedal as much as we do.

#### **KNOBS CONTROLS:**

##### **1. Gain 1 & Gain 2**

These knobs work like the “Pre-Amp Volume” of a 1959SLP amp, in this case, the Gain 1 represents the High Treble channel (channel 1) and the Gain 2 the Normal channel (channel 2), both channels share the same EQ section and Presence control of the pedal.

You can use only one of the channels putting all the way down the gain knob of the other one or... you can blend them together! (In parallel)

to achieve that classic Marshall tone that we all love.

We recommend dialing the Gain 1 control to about 1 o'clock and the Gain 2 to 11 o'clock as a starting point.

The gain section of the PAL959-V2 PLEXI Emulator is very responsive and dynamic; you can clean up your tone by lowering the volume on the guitar and changing the attack on the strings so experiment with that!!! You will love it!!! We are sure you can make it squeal like the real amps!!!

##### **2. Presence**

This knob controls the general high frequencies of the pedal after the three band EQ section, you could say that it emulates the presence control on a 1959SLP amp at the power-section. Turning this control clockwise you will add more high frequencies to your signal... We recommend dialing the Presence control to about 1 o'clock for a starting point.

##### **3. Volume**

This knob is the master volume and final stage. This pedal has a very high output level signal depending on the Gain knobs settings, so we recommend dialing the Volume control to about 12 o'clock for a starting point.

##### **4. Bass**

This knob controls the amount of bottom end (low frequencies) in the pre-section of the pedal. We recommend dialing the Bass control at 10 o'clock for a starting point.

##### **5. Middle**

This knob controls the amount of mid-range frequencies in the pre-section of the pedal. It is the most responsive of the three EQ controls, so for tone adjustments start setting this knob before the Bass and Treble controls. We recommend dialing the Middle control to about 1 o'clock for a starting point.

##### **6. Treble**

This knob controls the amount of high-range frequencies (brightness) in the EQ section, this knob is very similar to the Presence control but in the pre-section of the pedal. We recommend dialing the Volume control to about 1 o'clock for a starting point.

##### **7. Gain 1 Voicing Switch**

This three-position switch will allow you to get different tone responds (voicing) only in the Gain 1 (High Treble channel) section of the pedal, the change between positions will be more radical at low gain settings. At maximum Gain 1 knob position this switch will not affect the gain voicing respond of that channel.

##### **7. Master Tone**

If you open the enclosure you will find a trim-pot identified as a “MASTER TONE”, it comes pre-adjusted from factory, however, depending on your taste you can brighten up (clockwise) or darken down (anti-clockwise) a little the general and final tone on your pedal.

#### **FOOTSWITCH CONTROLS:**

##### **1. Input I/II**

This footswitch recreates the input circuit section that you will find in each channel of a 1959SLP amp, in this case, the Input I will be 6db Louder than the Input II, when the led indicator is off you will be in the Input II section and when is on in the Input I.

This feature will allow you the get the same behavior as in the real amp at low and high gain settings in terms of attack, dynamics and interaction with your guitar volume control.

##### **1. Bypass**

This footswitch will turn ON/OFF the effect and it was design to be 100% true bypass in order to preserve the level and tone of your signal when the effect is off.

#### **IMPORTANT NOTES:**

For the best performance of this effect pedal we used precision tools and methods to set it up perfectly. Please take these recommendations in mind:

1. This effect pedal has been designed to work on 9.0 volts, any variation above or below 0.75 volts will cause malfunction. Please only use a power supply specially designed for analog effect pedals.

2. For every stage of the amplification all the transistors have been carefully selected, placed and configured to get the best performance, please do not connect any cable, component or jumper into B1 or B2 pin header connectors because it could cause a temporary or permanent malfunction.

#### **SPECIFICATIONS:**

Input Impedance: 1M ohm (Input I) / 135K ohm (Input II).

Output Impedance: <25K ohm.

Power Consumption: 9VDC / 7.5mA.

AC Adapter (Required): Regulated Output 9VDC, 2.1mm Coax Plug - Negative Center.

True Hardwire Bypass: Yes.

Weight: 370 g /13.0 oz.

Size: 119mm (D) x 103mm (W) x 54mm (H).

If you have any suggestion, questions or need technical support please contact us at [www.pedalpalfx.com](http://www.pedalpalfx.com).

**Thank you very much and “LET’S ROCK THE WORLD”.**

