

ROOM#40

Marshall™ Mojo in a box

Over the years, we have had many different types of Marshall™ amps on our workbench, some for repairs and others for customization. Being huge fans of the sound of these classic amplifiers, that still continues to excite us through the music of so many artists, we decided to try and capture its mojo - the true essence of the soul of this sound- and carefully place it in a little box. Thus the Room #40 was born!

Using jfet technology, we tried to stay loyal to the tone and feel of the following legendary Marshall™ amps: the non master volume series PLEXI™ Super Lead (1959/1987) & Super Bass (1992) and the master volume series JMP™ & JCM800™ (2203/2204). We emphasized on emulating the compression and sag coming from the power amp section, when these amps are pushed to the edge, while at the same time giving access to two famous mods, mod #39 (PLEXI™) and mod #34 (JMP™ & JCM800™). Of course the manifestation of our love for the late great Eddie Van Halen, who created the so called "brown sound" using an ohmite variac (variable transformer used to lower or raise the voltage going into the amplifier), could not be absent from this endeavor. Finally, we incorporated the Presence control to make the sound adjustable to any circumstance, regardless of whether you are plugged into the front of an amp that may or may not have a bright cap or even straight to a power amp.

PLEXI™ Mode: Toggle switch at **19** (up). Imagine plugging into a non master volume Plexi™ amp (SuperLead™ & SuperBass™ models) with jumped inputs. In this mode the sound is crispy, open and less compressed. Like on the real thing, **VOL I** corresponds to the Treble input and **VOL II** to the Normal input, and them being jumped (parallel) means that you can mix them according to your preference. Through trial and error, we managed to recreate the feel of the actual amp, including the cross-talk channel bleed.

JMP™ & JCM800™ Mode: Toggle switch at **22** (down). Here we have the two channels in cascade mode, like on a master volume JMP™ and later on the JCM800™. In this mode the sound is more compressed, gnarly and with tons of sustain. **VOL I** is the Preamp volume and **VOL II** becomes Body, which controls the richness of the low frequencies.

Variac Control: Adjusts the internal voltage of the circuit, from 7.5V to 21V and anywhere in between, like Eddie used to do on his early amps. Less volts means a saggy, more compressed sound with less attack and headroom that is easier to break up at lower volume and has more of a "pedal" feel to it. Higher voltage means a spaknier, more organic tone with more attack and headroom and overall volume that feels like a tube amp. Experiment with different voltages and discover hidden tone gems according to the musical context you are playing in. (Set it at noon for normal operation)

EQ: Based on the classic 3band EQ featured on the amps mentioned above. A lot of effort went into matching the specificity of the eq used on the actual amplifiers.

Presence: This control has a significant effect on the overall timbre of the pedal. From noon down it acts as a high cut filter, while from noon up it acts as a high boost as does the Presence of the actual amps. Use it to match your tone in front of any brighter or darker amp, as well as straight to a power amp.

Boost: Gain boost that also accents mid highs to help cut through the mix. You can control the amount of boost with a dedicated trimmer (Preset at center), easily accessible through a hole on the bottom plate of the pedal. The boost section was incorporated to approach the two famous mods (#34 for JMP™ & JCM800™, #39 for PLEXI™).

SPECS:

- Handmade in Athens, Greece
- True Bypass
- 2 types of Marshall™ circuits PLEXI™ (19)/JMP™ & JCM800™ (22)
- Variac voltage control from 7.5V up to 21V
- Classic Marshall™ 3 Band EQ
- Versatile Presence control for matching the pedal to brighter or darker amps
- Gain boost controlled by a foot-switch and a dedicated trimmer
- Power Supply: 9V Boss-type DC adapter (center -). Using 10V or more may cause sever damage to the pedal and void warranty
- Max power consumption : 30mA @ 9V DC
- Heavy duty & light weight aluminum box. 73mm(Width) x 123mm(Length) x 55mm(Height)
- T.A.W. [Limited Life-Time warranty](#)

"Each Tsakalis AudioWorks product comes with a limited life time warranty"

Live & Breathe Tone...

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