

DR. Z AMPLIFICATION



Prescription ES/JS Owners Manual

Prescription Extra Strength/Junior Strength

Intro:

Thank you for purchasing a Dr Z Amp. This amplifier was designed to give you years of playing and sonic enjoyment. We are proud to forge ahead and create new tube amplifier sounds with a nod to the classics of the past.

Whether you are a touring professional, weekend warrior, or basement jammer; we take your sound and need for a reliable amplifier seriously.

Overview:

The Prescription design structure is unique for a Dr Z Amp, it uses an EF86 pentode set up in a post EQ gain layout. This alignment yields a rich harmonic complexity and an almost active response from the tone stack. The dual calibrated inputs allow for sustaining gain in the Hi, and a rich warm clean in the Lo input jack. The RX also features a footswitchable "Overdose" mode, which engages a 3 dB boost for added drive and gain without altering the pre set tone, same EQ'd tone just much more DRIVE. The Junior Strength RX also employs a post phase inverter master volume circuit. This allows for a very transparent ability to dial in great overdriven tones. The RX JS also uses a 5Y3 rectifier to give the low end a very pleasant bloom and spongy feel. A 5AR4 rectifier is used on the RX ES to give it the big tight low end needed for stage use.

Front Panel:

Input Jacks: Input 1 (HI) is for normal use. Input 2 (LO) has 3db less gain. Use with humbucker equipped guitars if you'd like cleaner sounds.

Volume: Controls overall amp volume. As you turn the volume up more natural drive will occur along with an increase in level.

Overdose light: When lit the 3db boost is engaged (footswitchable.)

Treble: Controls overall high frequency response.

Middle: Controls overall mid frequency response.

Bass: Controls overall low frequency response.

Rear Panel:

Fuses: ½ Amp fuse for DC Voltage section
or 3 Amp AC fuse.

Speaker Jacks: Plug speaker into specific jack for it's rating (8ohm speaker into 8ohm jack.)

Footswitch: Use single button footswitch (supplied) to turn Overdose function on or off.

Master: Controls overall amp volume and output tube compression. Turn full clockwise for complete bypass. (RX JS only)

Care and Feeding:

While we hope you get years of worry free use out of your Dr Z Amp there are some basic maintenance procedures to follow.

Changing Output Tubes: If your amp starts sounding a bit dull or lacks punch it's usually time for a new set of output tubes. Changing the EL84 output tubes on your Prescription is easy. This amp is cathode (self) biased so there is no need to rebias when changing tubes. Always use a matched quad (ES) or matched pair (JS) of EL84's. We use Groove Tubes EL84S as our standard EL84. Always make sure the power is off and AC cord is unplugged when changing tubes. Always use caution not to burn your fingers as tubes become very hot quickly. With moderate usage output tubes should last 6 months to a year.

Changing Pre Amp Tubes: When pre amp tubes fail it usually results in a static type noise or a ringing microphonic type sound. Pre amp tubes are easily replaced. We recommend replacing them with the same brand/type that came in the amp. We have hand selected these tubes to deliver optimal voicing.

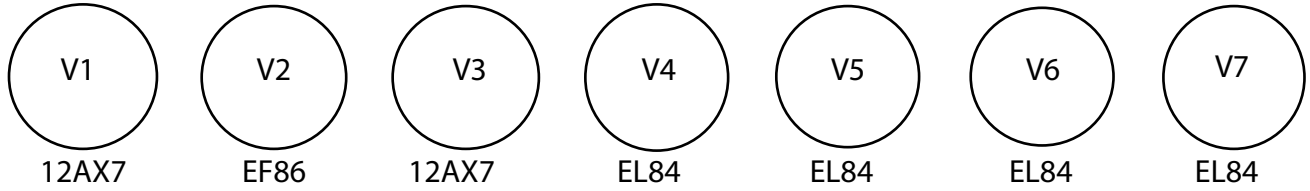
Changing Rectifier Tube: Signs your rectifier tube needs changed are fairly obvious. A bad rectifier will usually result in a fuse blowing. Power off, unplug the AC cord and replace the blown fuse before replacing the rectifier tube. Use caution as these tubes get very hot!

General Maintenance:

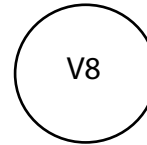
- If you experience intermittent crackle/static type sounds make sure the 4 screws that secure the chassis are tight. If a bit loose, the chassis will lose connection to the RF shield.
- Make sure a speaker is connected to your amplifier before you turn it on. Always match your speaker or cabinet to the proper ohm rating on the rear of the amp (8 ohm speaker or cab into the 8 ohm jack.)
- If amplifier powers on, but no sound is heard after switching off Standby check your ½ amp fuse on the rear panel (for related troubleshooting see changing rectifier tube above.) If problem persists contact your dealer or Dr Z Amps.
- Do not set liquids on top of your amplifier.
- Because tubes are made of glass be sure to allow your amplifier time to acclimate to drastic changes in temperature before powering on.

www.drzamps.com

Prescription Extra Strength

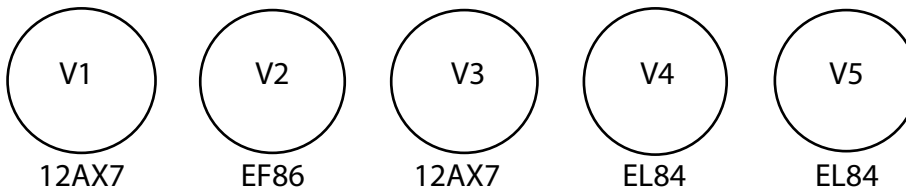


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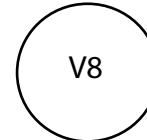


5AR4

Prescription Jr Strength



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5Y3