



# Maz 8 Manual

Model: ZA-32

[www.drzamps.com](http://www.drzamps.com)



This symbol warns the user of dangerous voltage levels localized within the enclosure.



This symbol advises the user to read all accompanying literature for safely operating the unit

### **Important Safety Instructions**

- 1) Read these instructions.
  - 2) Keep these instructions.
  - 3) Heed all warnings.
  - 4) Follow all instructions.
  - 5) Do not use this apparatus near water.
  - 6) Clean only with dry cloth.
  - 7) Do not block any ventilation openings. Maintain at least 3 feet of distance around all sides of amplifier. Do not block any ventilation openings with items such as newspapers, tablecloths, curtains, etc.
  - 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
  - 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
  - 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
  - 11) Only use attachments/accessories specified by the manufacturer.
  - 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
  - 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
  - 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
  - 15) Avoid placing any liquids on or near the amplifier that may splash or drip such as those contained in bottles, cans, glasses, etc.
- \*Dr Z amplifiers are capable of producing very high sound pressure levels which can cause temporary or permanent hearing damage.
- \*If any screw that is actually on the amp chassis needs to be replaced contact Dr Z Amps for the proper size. Screw size is critical for inner chassis clearances.

## General Information

Updated for 2016! Improved Master Volume circuitry, improved Reverb circuit, and new variable boost footswitch. All Maz 8 amps come stock with a NOS Russian mil-spec 6n14n power tube, as used in the Maz 18 and Z Wreck.), improved Reverb circuit, and new variable boost footswitch. All Maz 8 amps come stock with a NOS Russian mil-spec 6n14n power tube, as used in the Maz 18 and Z Wreck.

Based on the modern day classic Maz 18 platform, the Maz 8 is set to become the new standard in single ended class A amps. If you are tired of thinking of ways to win the volume wars with sound guys, club owners, and recording engineers the Maz 8 is the solution. The Maz 8 is a full featured 8 watt amp that will give you an incredible range of shimmering cleans to full on rock action at reasonable volume levels.

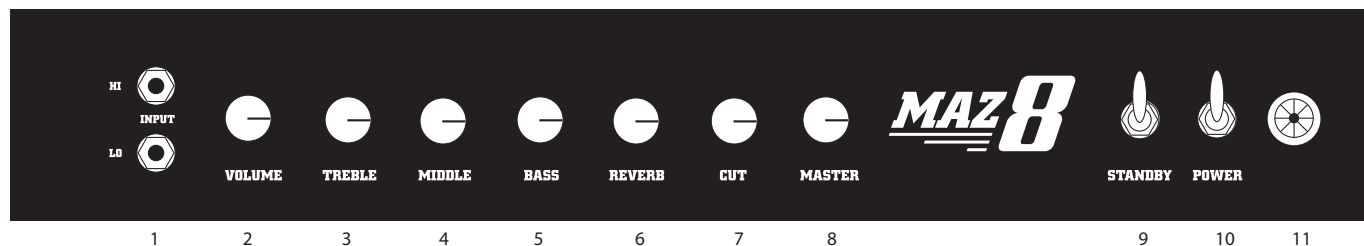
The Maz 8 gives you the true class A experience. The single 6n14n (EL84) output section can be run in Pentode or Triode mode. In Pentode mode you get the sonic signature of the Maz 18. The chimy top end and sweet low end bloom are all there, but at a significantly lower volume. The pentode setting gives you plenty of dynamic range for clean country picking to grinding riff rock bliss. You can even take it a step beyond with the footswitchable EQ bypass function. This gives you a great gain boost for effortless leads that will sustain for days. The Maz 8 takes on a much different tone dialect in triode mode with more of a vintage feel and sound. In triode, the volume level drops back and the tone fattens up making you think you plugged into a lost gem from the 1950s. Kicking on the EQ bypass in triode mode will have you reaching for your slide in no time.

The front panel features Volume, Treble, Middle, Bass, Reverb, Master, and the ever versatile cut control. Think of the cut control as a tone knob for the output section. The back panel features a 4, 8, and 16 ohm speaker out. An effects loop and EQ bypass are standard. The back panel also has the pentode/triode switch. The Maz 8 is available as a head, 2×10, and 1×12 combo. The 1×12 comes standard with a Celestion H30 speaker. You get a choice of our new smaller 1×12 Studio combo cab or the standard size 1×12. The 1×12 Studio cab makes for a great grab and go amp.

## Specifications

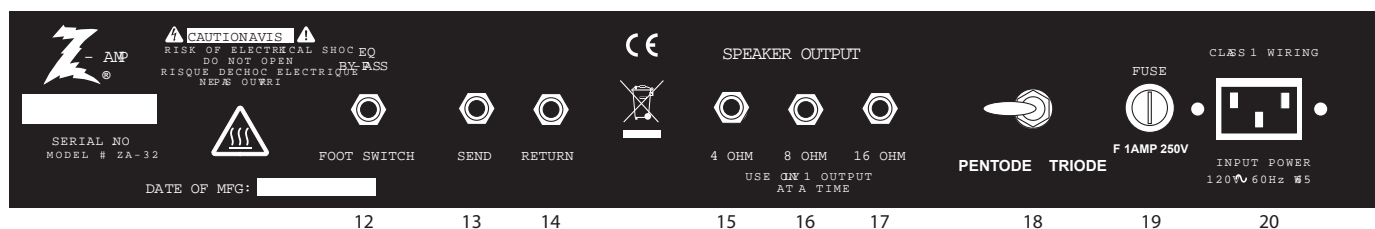
<b>Power Output</b>	8 Watts
<b>Output Tubes</b>	1 - 6N14N (EL84)
<b>Preamp Tubes</b>	4 - 12AX7, 1-12AU7
<b>Rectifier</b>	1 - 5AR4
<b>Controls</b>	Volume, Treble, Mid, Bass, Cut, Reverb, Master Volume, Pentode/Triode switch
<b>Other</b>	4, 8, 16 Ohm speaker outs, effects loop EQ Bypass (New variable boost footswitch included)
<b>Configurations</b>	Head, 1×12 Studio Combo, 1×12 Standard combo, 2×10 Standard Combo
<b>Colors</b>	Black, Blonde, Red
<b>Dimension &amp; Weight</b>	Head: 19" W, 9 3/4" H, 9 1/2" D; 32 lbs. 1×12 Studio Combo: 19 1/4" W, 19 1/2" H, 10 1/2" D; 45 lbs. 1×12 Standard Combo: 23" W, 20 1/8" H, 10" D; 60 lbs. 2×10 Standard Combo: 23" W, 20 1/8" H, 10" D; 66 lbs.

## Front Panel:



- 1. Input:** Input jack for your guitar. Hi is for normal use. LO has 3 dB less gain. Use LO with Humbucker equipped guitars for a cleaner sound.
- 2. Volume:** Controls overall gain. Set over half way for over-driven sounds. Set below half way for cleaner sounds.
- 3. Treble:** Controls overall high frequency response.
- 4. Mid:** Controls overall mid frequency response.
- 5. Bass:** Controls overall low frequency response.
- 6. Reverb:** Turn clockwise to add reverb.
- 7. Cut:** Controls overall tone/presence of amp. Turn clockwise for chime.
- 8. Master:** Controls overall amp volume and output tube compression.
- 9. Stand-By:** Leave in off position for 1 minute when powering up the amp. Turn on for play. Place in off position for extended break periods.
- 10. Power:** Switch up to turn on amplifier. Switch down to turn off amplifier.
- 11. Power Indicator:** Lights up when power is switched on. If bulb fails replace with type T47.

## Rear Panel:



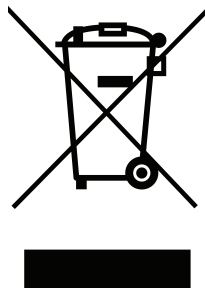
- 12. EQ bypass footswitch jack:** Plug supplied single button footswitch in here. This will enable you to engage the EQ bypass/gain boost mode. The new variable boost footswitch features an added knob to control the amount of boost. Simply turn this knob clockwise to increase the amount of boost.
- 13. Send Jack:** This will send the signal from the amp to the “in” of your effects chain.
- 14. Return Jack:** Plug the “out” of your effects chain to return the signal back to the amp.
- 15. 4 OHM Speaker Jack:** Plug in 4 ohm speaker here. Always have a speaker plugged into the amp when it is powered on. Always match the speaker impedance to the proper speaker out jack. This will allow the amp to sound its best and avoid damage.
- 16. 8 OHM Speaker Jack:** Plug in 8 ohm speaker here. Always have a speaker plugged into the amp when it is powered on. Always match the speaker impedance to the proper speaker out jack. This will allow the amp to sound its best and avoid damage.
- 17. 16 OHM Speaker Jack:** Plug in 16 ohm speaker here. Always have a speaker plugged into the amp when it is powered on. Always match the speaker impedance to the proper speaker out jack. This will allow the amp to sound its best and avoid damage.
- 18. Pentode/Triode Switch:** This switch will change how the power tube is configured; in pentode all 5 elements are used, in triode 3 elements are used. Triode will lower the headroom and change the tonal characteristics and response. **Note that this does not drop volume by 50% but will decrease the volume overall.**
- 19. Fuse:** The fuse protects the amp from electrical faults. Replace only with the same rating and type stated below fuse holder (1.5A 250v SLO BLO). If the amp repeatedly blows the fuse contact your dealer or Dr Z Amps.
- 20. AC Inlet:** (Class I Wiring). This device is used for disconnection from power mains and must remain readily operable. The power indicator light does not indicate connection to power mains. The power cord must be disconnected to disconnect amplifier from power mains.



MODEL: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

INPUT VOLTAGE: \_\_\_\_\_



MADE IN USA



## EC/EU Declaration of Conformity

Document: CE – ZA-32

Manufacturer: Dr. Z Amplification  
17011 Broadway Ave.  
Maple Heights, OH 44137 -3407  
USA

We declare that the designated product (s)  
DR. Z MAZ 8  
is/are in conformity with the European Directives:

2014/30/EU EMC Directive of 26 February 2014

2011/65/EU RoHS Directive of 8 June 2011

2014/35/EU Electrical equipment designed for use within certain voltage limits

This declaration certifies compliance with the indicated directives but implies no warranty of properties. The safety instructions of the accompanying documentation shall be observed. This declaration of conformity is issued under the sole responsibility of the manufacturer.

Issuer: Dr. Z Amplification  
17011 Broadway Ave.  
Maple Heights, OH 44137 -3407  
USA

Place, date: Maple Heights, OH USA , 01.AUGUST.2016

Legally binding signature:

M.D. Zaite, General Manager, Dr. Z Amps