



JETTA

Manual

Model: ZA-49

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

With the JETTA, Dr. Z aimed to capture a unique sound suited for any level of guitarist, from amateur hobbyist to professional player at a price that would turn heads. From painstakingly auditioning guitar after guitar, tweaking, adjusting, and coaxing out the best tones from each model, Dr. Z molded the JETTA. This amp was engineered to provide an articulate and detailed platform for any guitar, be it vintage single coil or hotrodded humbucker. Notes seemingly leap from the fretboard and chords are reproduced with remarkable clarity and sustain. The JETTA produces the true sound of your guitar without compromise.

Starting with a pair of 7591 power tubes at its heart, the JETTA's signature sound is one of near hi-fi accuracy with a soundstage far larger than its small package would belie. The circuit topology provides a streamlined, effective signal path from guitar to speaker: a volume knob to adjust the gain and saturation, a single tone knob to quickly adjust for any guitar you plug in, and an attenuator-like master volume knob provides control at any volume level, with no loss of tonal integrity, detail, or bandwidth. Don't let the simplicity of the JETTA fool you. Plug in a guitar and you won't find yourself nudging the tone knob much shy of noon to find that sweet spot. Trust us, we have tried it; sonic bliss is a simple recipe!

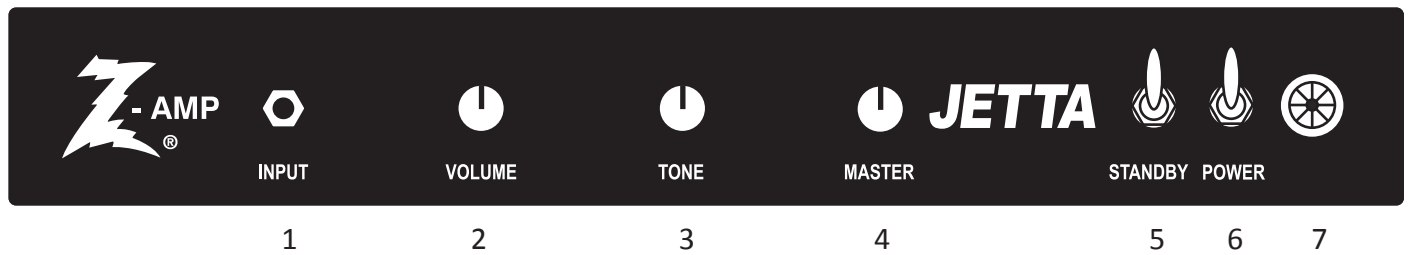
The JETTA's 30 watts provides plentiful clean headroom for the player with even the most robust pedalboard, yet it's able to grind out thick overdrive at a controllable volume level. For those players that prefer achieve tube distortion from the JETTA, we have included the stellar Metro Zero-Loss FX loop circuit to retain signal integrity through any path of modulation, delay, or reverb effects.

Despite being the most affordable amp in the Dr. Z line, no corner was cut, no exception was made; the JETTA is hand-wired in Cleveland, OH with the premium components (including Jupiter caps, Heyboer power transformer, and Triad output transformer) used in all of our models. The JETTA comes in a head cab or our ultra-resonant, ultra-lightweight studio 1×12 cabinet, loaded with a UK-made Celestion H30, weighing a portable 34lbs.

Specifications:

Power Output	30 watts
Output Tubes	2- 7591 (cathode biased)
Preamp Tubes	2- 12AX7
Rectifier	1 - 5AR4
Controls	Volume, Tone, Master
Speaker Outputs	8 Ohm Output
Other	Metro Zero-Loss FX Loop
Configurations	Head, 1x12 Studio Cab (w/ Celestion H30 speaker)
Colors	Black with Z Wreck Grill Cloth, White Piping
Dimensions & Weight	Head: 19" W, 9 3/4" H, 9 1/2" D; 25 lbs. 1x12 Studio Combo: 19 1/4" W, 19 1/2" H, 10 1/2" D; 34 lbs

FRONT PANEL



1. Input: Input jack for your guitar.

2. Volume: Controls the volume of the input signal. Set low for clean (before 12:00), high for distortion (past 12:00).

3. Tone: Controls overall tonal range. Counter-clockwise is a dark, smooth tone, emphasizing the fundamental note. Turning the knob clockwise adds treble, and increases the harmonic content.

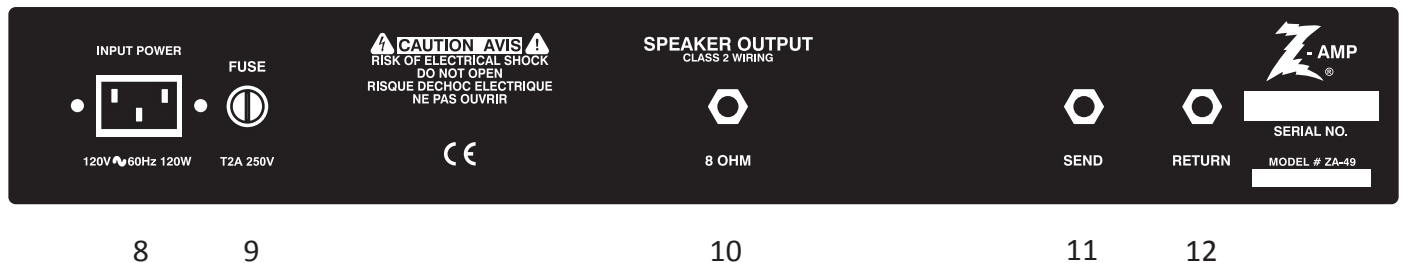
4. Master: Controls the overall volume of the amp.

5. 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.

6. Power: Switch up to turn on amplifier. Switch down to turn off amplifier.

7. Power Indicator: Lights up when power is switched on. If bulb fails replace with type T47.

REAR PANEL



8. 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.

9. Fuse: The fuse protects the amp from electrical faults. Replace only with the same rating and type stated below fuse holder (2A 250v SLO BLO). If the amp repeatedly blows the fuse contact your dealer or Dr. Z Amps.

10. Speaker Jack: Plug in the 8 Ohm speaker here. Always have a load connected to your amp.

11. Send Jack: This will send the signal from the amp to the “in” of your effects chain. It can also be used as a line-level out to send the preamp signal to an external signal chain without interrupting the operation of the amp.

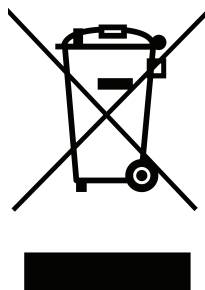
12. Return Jack: Plug the “out” of your effects chain to return the signal back to the amp.



MODEL: _____

SERIAL NUMBER: _____

INPUT VOLTAGE: _____



MADE IN USA



EC/EU Declaration of Conformity

Document: CE – **ZA-49**

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

We declare that the designated product (s)
DR. Z JETTA
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.OCTOBER.2019**

Legally binding signature:

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



Dr Z Amps 17011 Broadway Ave. Maple Heights, OH 44137 USA



DECLARATION OF CONFORMITY

We, Dr Z Amps, declare, taking this declaration under our total responsibility, that guitar amplifier model JETTA(ZA-49) is in conformity with EN 55013, EN 61000-3-2, EN 61000-3-3, and EN 55020 in accordance with the Directive 2006/95/EC of 12 December 2006, even more declaring that the CE marking was affixed in the year 2011.

10-1-zzz2019

A handwritten signature in black ink, appearing to read "M. D. Zaite".

Michael Zaite, General Manager Dr Z Amps