



Z-Verb Manual

Model: ZA-28

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

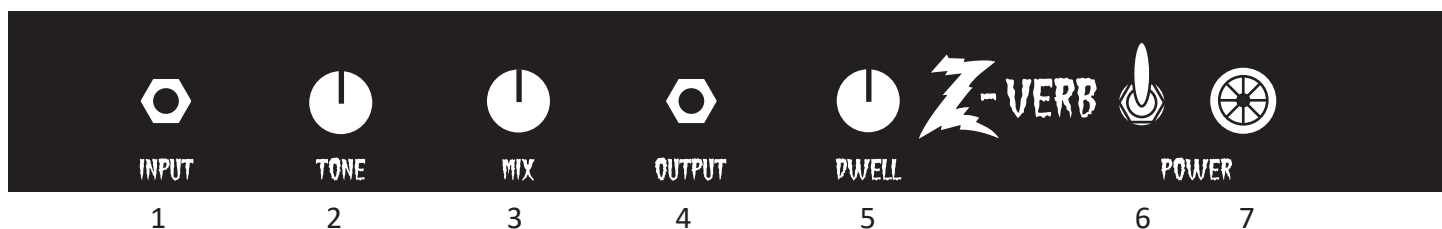
Bust out the surfboards boys and girls...time to ride the crest of the Z Verb! Dr Z's first all tube spring reverb unit is finally here. The Z Verb will handle all of your reverberation needs. Anything from subtle ambience to full on space exploration...the Z Verb can do it. With a classic 3 knob set up (Dwell, Mix, and Tone) you can control all parameters of your reverb. The included footswitch let's you turn the unit on and off when needed. The Z Verb is equally at home with a Dr Z Amp as it is paired with another fine company's amp. You'll find it works exceptionally well with the built in effects loop on some Z models as well as plugged into the front end. All hand wired right here in Cleveland Ohio, the Z Verb is a must for any true connoisseur of fine tube driven spring reverb.

Specifications

Output Tubes	1 - 6V6
Preamp Tubes	1 - 12AX7, 1 - 12AT7
Rectifier	Solid State
Controls	Dwell, Mix, Tone, Ground Lift
Configurations	Head
Colors	Black, Blonde, Red, Silver
Dimension & Weight	17 ¾" W x 10" H x 9 ¾" D, 19 lbs.

**Note: Using the Z-Verb with an amplifier's effects loop will achieve the best results. If an effects loop is not available we recommend not stacking the Z-Verb on top of your amplifier. This may cause hum as the result of an interaction between the Z-Verb's reverb tank and the electromagnetic field emitted from an amp's power transformer. This is not always the case but if you experience this problem, simply remove the Z-Verb from the top of your amp and the hum will go away.*

FRONT PANEL



- 1. Input:** Input jack for your guitar or input from “send” jack when using your amp’s FX loop.
- 2. Tone:** Controls overall tone of reverb.
- 3. Mix:** Controls dry/wet mix. Turn clockwise to add reverb.
- 4. Output:** Output jack. You can send signal to the input jack of your amp or to the “return” jack when using your amp’s FX loop.
- 5. Dwell:** Turn clockwise to add tail to reverb.
- 6. Power:** Switch up to turn on unit. Switch down to turn off unit.
- 7. Power Indicator:** Lights up when power is switched on. If bulb fails replace with type T47.

REAR PANEL



- 8. Footswitch:** Plug supplied single button footswitch in here*. The footswitch will enable you to turn the reverb on and off. **Use a shielded instrument cable(like you insert into your guitar) to connect the footswitch to the unit.*
- 9. Fuse:** The fuse protects the amp from electrical faults. Replace only with the same rating and type stated below fuse holder (.5A 250v SLO BLO). If the amp repeatedly blows the fuse contact your dealer or Dr. Z Amps.
- 10. Ground Lift:** This switch lifts the ground connection from the chassis. Use this switch in the case of ground loop hum or RF interference being amplifier through the unit.
- 11. AC Inlet:** (Class I Wiring). This device is used for disconnection from power mains and must remain readily opearable. 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



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 Z-Verb (ZA-28) 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, and in conformity with the 2011/65/ECC Rohs Directive.

11-19-2014

A handwritten signature in dark ink, appearing to read 'M. D. Zaite', written over a horizontal line.

Michael Zaite, General Manager Dr Z Amps



EC/EU Declaration of Conformity

Document: CE – ZA-28

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

We declare that the designated product (s)
DR. Z Z-VERB
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