



Z Wreck Jr. Manual

Model: ZA-50

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

Entering production 10 years ago, the original Z Wreck amplifier has reached somewhat of a legendary status among Z players, being a hallmark collaborative effort between Dr. Z, the late amplifier guru Ken Fischer of Trainwreck Amps, and country music star Brad Paisley. All three combined their thoughts and wishes for a perfect stage-worthy amp then launched the Z Wreck, a design that has become a "halo product" for Dr. Z.

Yet being a non-master volume amp, reining in the Z Wreck's robust volume has always been a concern for working musicians who require a controllable sonic footprint for smaller venues and less raucous gigs, but demand the tactile response and dynamic expressiveness found the amp. Controlling the loudness without compromising the character and harmonic overtones of the original Z Wreck formula became the challenge Dr. Z took up over nearly a year of development.

The new Z Wreck Jr. answers all concerns. As a half-powered sibling of the original Z Wreck, the Z Wreck Jr. introduces a post-phase inverter master volume circuit into the design ideal for studios, small clubs, and worship venues. Now the magical place between chiming clean and blooming overdrive the Z Wreck was lauded for is at the player's fingertips at any volume level, be it full bore on stage or at home in the practice room. This master volume circuit shares a similar design to the master volume players have been raving about over the last few years that are found in our MK. II series of MAZ amps, the JETTA, and the NOVA.

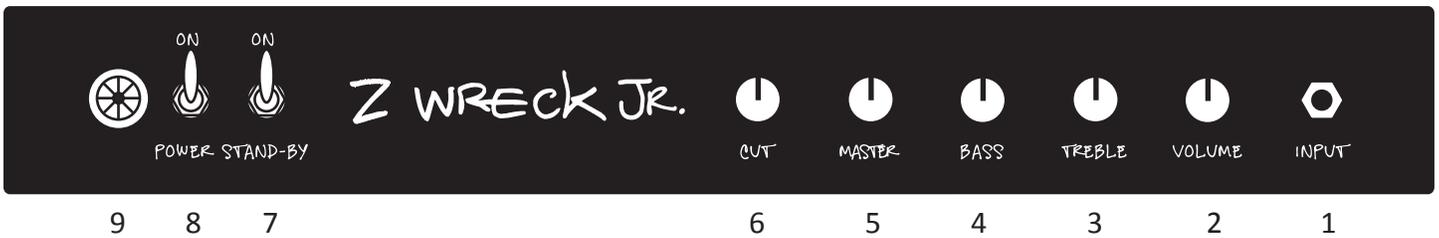
The Z Wreck Jr. retains the attention to detail, reliability, and quality of workmanship found in all Dr. Z amps, using the exact same turret board construction and aircraft grade aluminum chassis of the original amp. We use the same reissue Tung Sol preamp tubes and NOS military grade 6n14n power tubes, as prescribed by Ken Fischer and true to the Trainwreck DNA. A 5Y3 rectifier tube controls the touch sensitivity and blooming response of the amp by reproducing the plate voltages found at the "comfort" setting in the original Z Wreck, making for a truly addicting playing experience.

Featuring a more price-conscious cost than its larger counterpart, the Z Wreck Jr. is available in head or top-mounted 1x12 combo, the same dimensions as the standard Z Wreck but at a back-saving weight of 44 lbs. It is loaded with a Celestion Greenback 12" speaker, heard on a myriad of classic recordings over the past half a century.

Specifications:

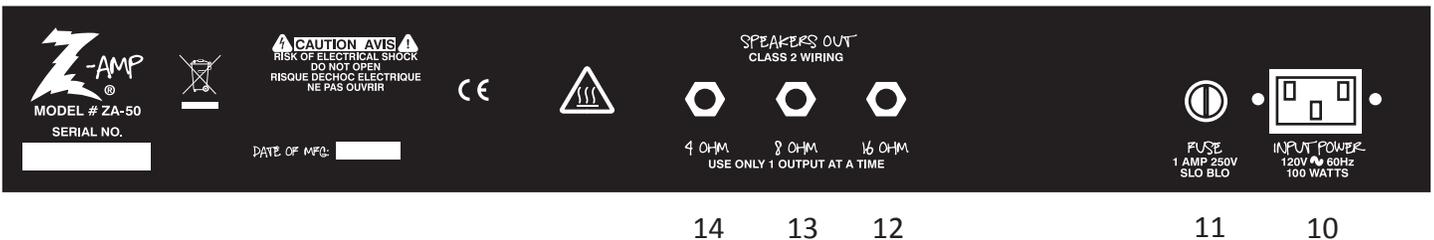
Power Output	15 watts
Output Tubes	2- 6n14n (EL84 type - cathode biased)
Preamp Tubes	3- 12AX7
Rectifier	1 - 5Y3
Controls	Cut, Master, Bass, Treble, Volume
Speaker Outputs	4, 8, 16 Ohm Outputs
Configurations	Head, 1x12 Combo Cab (w/ Celestion Greenback speaker)
Dimensions & Weight	Head: 20 5/8"W x 9 1/2"D x 9 1/8"H, 32 lbs. 1x12 Combo: 22 1/2"W x 10 1/2"D x 20"H, 44 lbs.

FRONT PANEL



- 1. Input:** Input jack for your guitar.
- 2. Volume:** Controls the gain of the input signal. Set low for clean (before 11:00), high for distortion (past 12:00).
- 3. Treble:** Controls overall high frequency response.
- 4. Bass:** Controls overall low frequency response.
- 5. Master:** Controls the overall volume (loudness) of the amplifier.
- 6. Cut:** Controls overall tone/presence response. Turn clockwise for chime, counter-clockwise for a smoother tone.
- 7. 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.
- 8. Power:** Switch up to turn on amplifier. Switch down to turn off amplifier.
- 9. Power Indicator:** Lights up when power is switched on. If bulb fails replace with type T47.

REAR PANEL



- 10. 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.
- 11. Fuse:** The fuse protects the amp from electrical faults. Replace only with the same rating and type stated below fuse holder (1A 250v SLO BLO). If the amp repeatedly blows the fuse contact your dealer or Dr. Z Amps.
- 12. 16 Ohm Speaker Jack:** Plug in an external 16 Ohm speaker here. Use only one output at a time. Always have a load connected to your amp.
- 13. 8 Ohm Speaker Jack:** Plug in an external 8 Ohm speaker here or plug in the internal 8 Ohm speaker here (1x12 combo cabinet). Use only one output at a time. Always have a load connected to your amp.
- 14. 4 Ohm Speaker Jack:** Plug in an external 4 Ohm speaker here. Use only one output at a time. Always have a load connected to your amp.



MODEL: _____

SERIAL NUMBER: _____

INPUT VOLTAGE: _____



MADE IN USA



EC/EU Declaration of Conformity

Document: CE – ZA-50

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

We declare that the designated product (s)
DR. Z Z WRECK JR.
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.FEBRUARY.2020

Legally binding signature:

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



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

CE

DECLARATION OF CONFORMITY

We, Dr. Z Amps, declare, taking this declaration under our total responsibility, that guitar amplifier model Z WRECK JR (ZA-50) 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 2001.

2-1-2020

A handwritten signature in black ink that reads 'M. Zaite'.

Michael Zaite, General Manager Dr Z Amps