



NOVA Manual

Model: ZA-44

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

The Dr. Z NOVA moves in a bit of a new direction for Dr. Z Amps. It is a twin-channel switching amp with a wonderfully rich clean channel, reminiscent of a low-powered tweed twin, featuring full bodied midrange with great depth and harmonic content. Jumping over to the overdrive channel blends smooth, thick overdrive into the clean signal for a perfect blend of string articulation and fat distortion. By blending both signals you maintain all the clarity of your clean channel while adding endless, singing sustain for lead work and robust overdrive that envelops chords with no loss of definition.

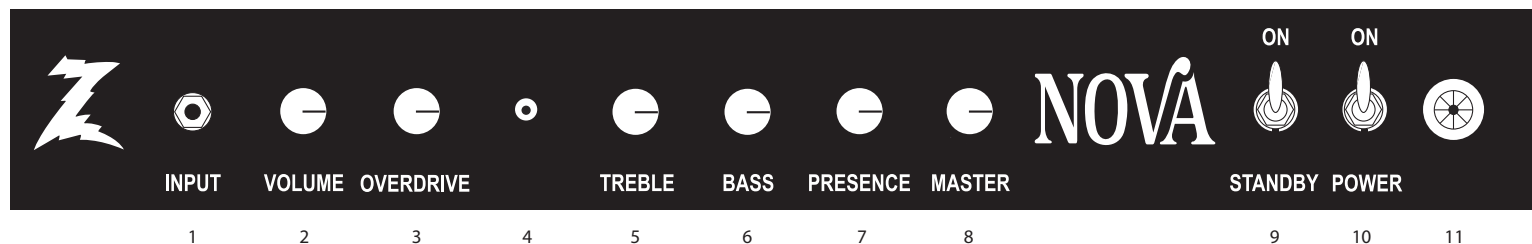
The NOVA has a 5881 based power amp wired in triode configuration, and utilizes an original low-powered tweed twin output transformer built by the Triad company: the same company that supplied transformers for the original tweed series over 50 years ago. As the heart of the amp, this authentically reproduced output transformer gives the NOVA it's vintage voice, while the overdrive channel adds a twist of modern gain at the step of a footswitch.

We included a specifically tuned post-phase inverter master volume to the NOVA allowing it to supply raucous roar or pristine cleans at whisper volumes. The final feature, a buffered effects loop, adds modern practicality and versatility to the revered, vintage tones ready to burst out of this amp. The NOVA is equally at home in a head cabinet or our ultra-lite 1x12 combo cab, fitted with a Celestion G12 H30 speaker.

Specifications

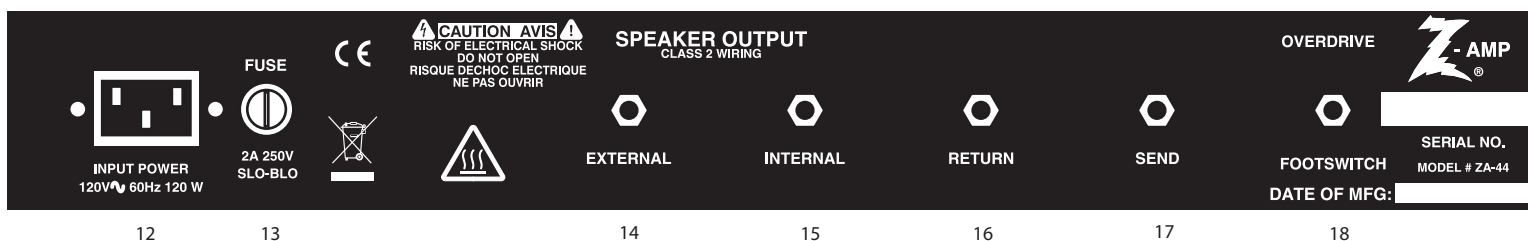
Power Output	32 Watt
Output Tubes	2 - 5881
Tubes	3 - 12AX7
Rectifier	1 - 5U4
Controls	Volume, Overdrive, Treble, Bass, Presence, Master Volume
Other	External and Internal speaker outs, buffered effects loop Overdrive footswitch
Configurations	Head, 1x12 LT Combo (Celestion G12 H30 speaker)
Dimension & Weight	Head: 19" W, 9 3/4" H, 9 1/2" D; 28 lbs. 1x12 LT Combo: 22 1/2" W, 20 1/8" H, 10" D; 36 lbs.

Front Panel:



- 1. Input:** Input jack for your guitar.
- 2. Volume:** Controls overall gain. Controls the base signal from pristine clean to thick overdrive. This control will adjust the amount of gain of the overall sound while the overdrive circuit is engaged.
- 3. Overdrive:** Controls the overdrive amount and blends additional gain into the base signal.
- 4. LED:** Indicates when the overdrive circuit is engaged.
- 5. Treble:** Controls the overall high frequency response.
- 6. Bass:** Controls the overall low frequency response.
- 7. Cut:** Controls the overall high mid presence of amp. Turn clockwise for chime.
- 8. Master:** Controls the 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.

Back Panel:



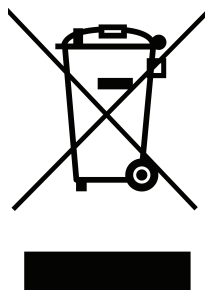
- 12. AC Inlet:** (Class I Wiring). This device is used for disconnection from power mains and must remain readily operable. The power indicator light does not indicate connection to power mains. The power cord must be disconnected to disconnect amplifier from power mains.
- 13. Fuse:** The fuse protects 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.
- 14. External Speaker Jack:** This allows you to use an external speaker cabinet if your NOVA is a combo model. Connect an 8 ohm extension speaker for a parallel load of 4 ohm. If your NOVA is a head model, this will allow you to use a second 8 ohm speaker cab in parallel with your first 8 ohm speaker cab for a total load of 4 ohm. Use the Internal Jack if connecting your NOVA head model to only one 8 ohm speaker cab. Regardless of model, always have a speaker plugged into the amp when it is powered on.
- 15. Internal Speaker Jack:** Plug in the internal 8 ohm speaker here if your NOVA is a combo model. Plug in your 8 ohm speaker cabinet here if your NOVA is a head model. Regardless of model, 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. Return Jack:** Plug the “out” of your effects chain to return the signal back to the amp.
- 17. Send Jack:** This will send the signal from the amp to the “in” of your effects chain.
- 18. Overdrive Footswitch Jack:** Plug in the supplied footswitch into this jack to remotely engage the overdrive circuit.



MODEL: _____

SERIAL NUMBER: _____

INPUT VOLTAGE: _____



MADE IN USA



EC/EU Declaration of Conformity

Document: CE – ZA-44

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

We declare that the designated product (s)
DR. Z NOVA
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.2018

Legally binding signature:

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