



35th Anniversary  
Carmen Ghia

Manual

Model: ZA-07

[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

Marking our 35th Anniversary in business, Dr. Z presents the Carmen Ghia as a 1x10 combo, an amplifier design that has been in continual production in our lineup and is the first model sold under the Dr. Z banner. With its inception in 1988, the Carmen Ghia launched the business: a company that has weathered over 3 decades in the musical instrument marketplace without falter, firmly establishing the Dr. Z name amongst music's greats, past, present, and future. The Carmen Ghia is the distillation of the company's goal: manageable volume, jaw-dropping tone, without compromise, utilizing a pure, direct signal path from amp, to speaker, to audience.

Early in the company's history, Dr. Z would visit Ohio area guitar shows with the Carmen Ghia in tow. A seemingly diminutive 18-watt amp was a curiosity in the 1980s, a musical era marked by the mantra of "more, more, more." More watts, more channels, more knobs, but backbreaking weight, headaches from complex signal routing, and frustration from multiple points of failure. Dr. Z had a unique package with 2 knobs, one channel, all hand-wired; a striking concept. During the hours before these events were open to the public, other vendors would have the opportunity to peruse each other's gear and to his surprise and amusement, the majority of the sales he would make during these shows would be to the guitar shops and luthiers that were exhibiting alongside him! The typically jaded vendors who had thought that had "heard it all" found the Carmen Ghia to be the perfect vessel to exhibit the various guitars they were selling, as it was a no-frills, plug-and-play amp that sounded great and demonstrated the genuine voice of the guitar and player that were plugged into it. This experience birthed Dr. Z's credo: "volume, tone, what more do you need?"

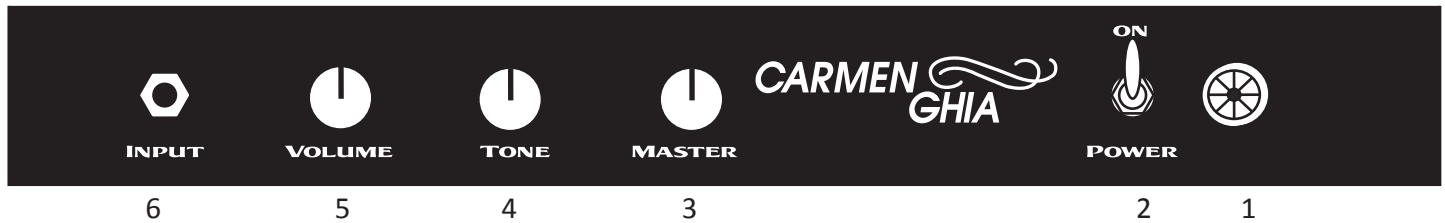
Fast-forward to 2023, the 35th Anniversary edition of the Carmen Ghia is built to the exact same specifications as it always has been, hand-wired by veteran builders in our Cleveland, OH shop. This year we have added one important feature: a post-phase inverter master volume (PPIMV) that has been specifically integrated into the circuit to achieve versatile low-volume overdrive, but remain entirely out of the signal path when turned to its maximum setting. Pair this with a light weight 1x10 cabinet loaded with a WGS Veteran 30 10" speaker (the first Dr. Z/WGS pairing in company history), and you have a unique, yet simple, elegant, but easy to dial-in amplifier perfect for small gigs, studio sessions, prayer/worship use, and at-home practice. To top off our 35th birthday with a "cherry," Dr. Z has hand-selected his favorite EL84 variant for this amp, a pair of NOS 6n14n power tubes, matched and tested in our shop, making the amp ready for years of rugged reliability and rich tone.

The Ghia 1x10 combo is in limited production through 2023 and comes branded with a 35th Anniversary commemorative badge on its grill cloth, as well a special Certificate of Authenticity signed by its designer, Mike Zaite, aka Dr.Z.

## Specifications

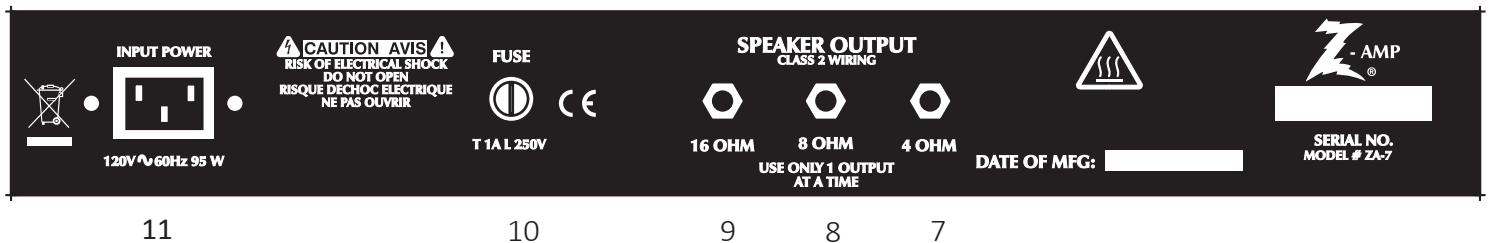
<b>Power Output</b>	18 Watts
<b>Output Tubes</b>	2 - NOS 6n14n (EL84 variant)
<b>Preamp Tubes</b>	2 – 12AX7/ECC83
<b>Rectifier</b>	5Y3
<b>Controls</b>	Volume, Tone, Master
<b>Other</b>	4, 8, 16 Ohm speaker outs
<b>Configurations</b>	1x10 Combo
<b>Colors</b>	Black with Salt & Pepper grill
<b>Dimension &amp; Weight</b>	1x10 Combo: 17 7/8" W, 17" H, 10" D; 30 lbs.

## FRONT PANEL



- 1. Power Indicator:** Lights up when power is switched on. If LED fails replace with a 6.3 volt #44 Bayonet Base(BA9S).
- 2. Power:** Switch up to turn on amplifier. Switch down to turn off amplifier.
- 3. Master:** Controls the overall loudness of the amp.
- 4. Tone:** Controls overall tone of guitar. Turn clockwise for lower frequency emphasis, counterclockwise for higher frequency emphasis. Most find a sweet spot between 10:00 and 2:00.
- 5. Volume:** Controls the input level of the guitar. Turn up higher for more overdrive, set lower for clean.
- 6. Input:** Input jack for your guitar.

## REAR PANEL



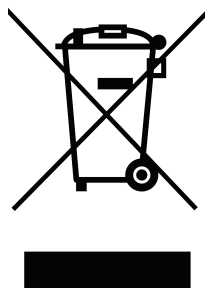
- 7. 4 OHM Speaker Jack:** Plug in 4 ohm speaker here. Always have a speaker plugged into the amp when it is powered on. Always match the speaker impedance to the proper speaker out jack. This will allow the amp to sound its best and avoid damage.
- 8. 8 OHM Speaker Jack:** Plug in 8 ohm speaker here. 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.
- 9. 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.
- 10. 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.
- 11. 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-7

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

We declare that the designated product (s)  
DR. Z CARMEN GHIA  
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

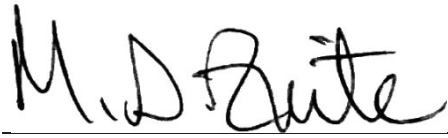
2014/35/EU Electrical equipment designed for use within certain voltage limits

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