



Mini-Z Manual

Model: ZA-21

www.drzamps.com



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) Only use attachments/accessories specified by the manufacturer.
- 10) 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.
- 11) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 12) 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.
- 13) 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.

General Information

The new Z Brake Lite Attenuator will be right at home mounted inside your combo amp. Like the Airbrake, there is no sacrifice in tone. Perfect for dialing in your combo to it's sweet spot while dialing back the volume level.

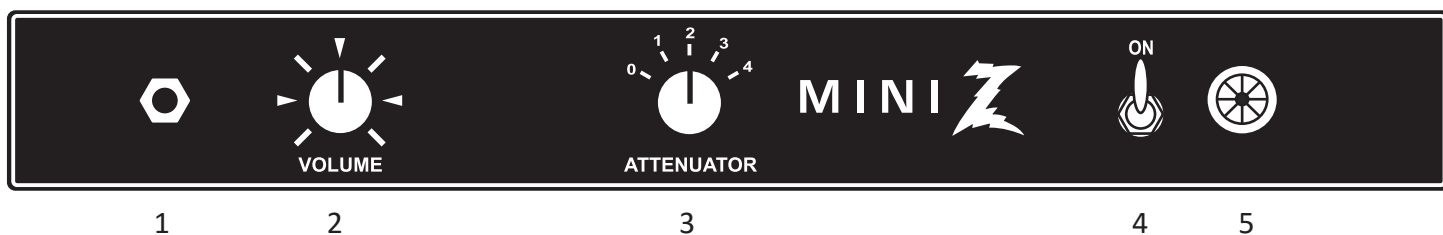
The Brake Lite works with any tube amp up to 45 watts and can be used with 4, 8, or 16, ohm loads. Very simple to install, the Brake Lite mounts with 2 screws and has a hardwired speaker cable to plug into the amp chassis. Plug the speaker into the Brake Lite and you are ready to go.

- * The Brake Lite is NOT a stand alone unit and needs to be mounted in a combo for proper operation.*
- * Not recommended for use with 2 Ohm loads*

Specifications

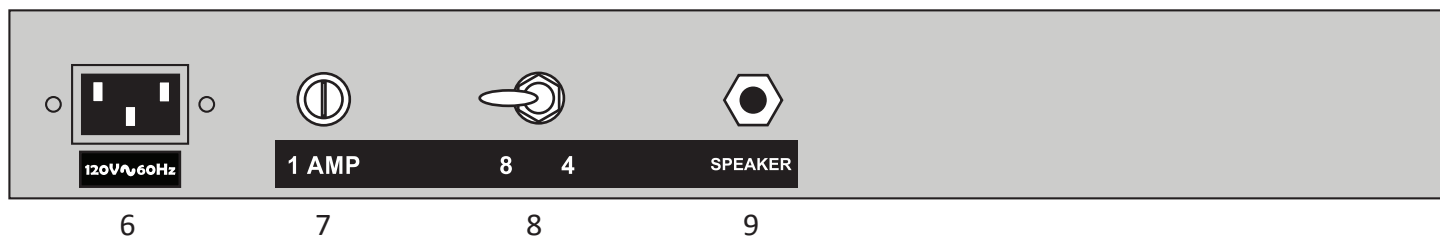
Max Wattage	45 watts
Controls	Attenuation
Colors	White
Dimension & Weight	5 ½" H x 4" W x 2 ¼" D, 1 lbs.

FRONT PANEL



- 1. Input:** Input jack for your guitar.
- 2. Volume:** Controls overall amp volume. As you turn the volume up more natural drive will occur along with an increase in level.
- 3. Attenuator:** Attenuates signal between amp and speaker. You can dial in your tone with the volume knob and dial back the overall volume by turning attenuator clockwise.
- 4. Power:** Switch up to turn on amplifier. Switch down to turn off amplifier.
- 5. Power Indicator:** Lights up when power is switched on. If bulb fails replace with type T47.

REAR PANEL



- 6. 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.
- 7. 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.
- 8. 8/4 OHM Speaker Impedance Switch:** Switches impedance of the speaker output jack signal between 8 OHM and 4 OHM. Use this to match the impedance of your speaker cab.
- 9. Speaker Jack:** Plug in 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.



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 Mini-Z (ZA-21) 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/EU RoHS Directive.

11-19-2014

A handwritten signature in dark ink, appearing to read 'M. D. Zaite'.

Michael Zaite, General Manager Dr Z Amps



EC/EU Declaration of Conformity

Document: CE – ZA-21

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

We declare that the designated product (s)
DR. Z MINI Z
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. Zait, General Manager, Dr. Z Amps