

Brent Mason Signature 45 Manual



Model: Signature 45
www.vintagesoundamps.com



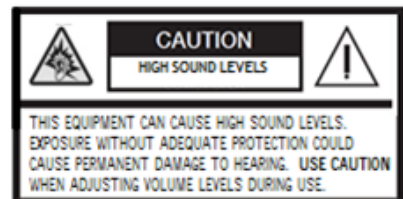
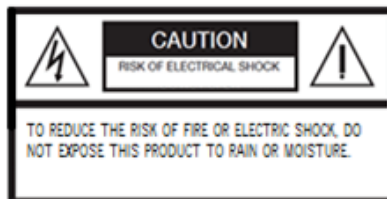
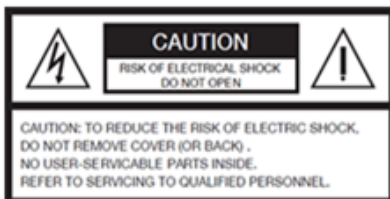


This symbol warns the user of dangerous voltage levels localized within the enclosure.

This symbol advises the user to read all accompanying literature for safely operating the unit

Before Operating Read These Important Safety Instructions

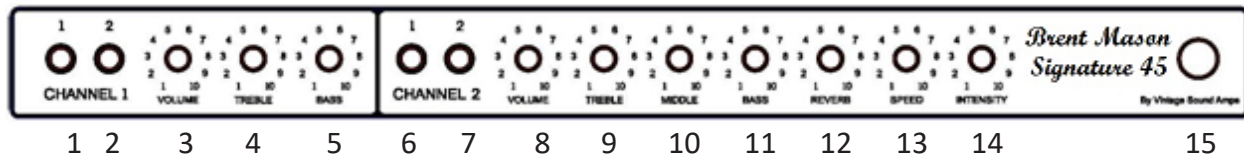
- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Maintain at least one (1) foot of distance around all sides of amplifier. 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 is 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) **CAUTION:** Damage Requiring Service: Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions: (a) When the power-supply cord or plug is damaged; (b) If liquid has been spilled, or objects have fallen into the product; (c) If the product has been exposed to rain or water; (d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation; (e) If the product has been dropped or damaged in any way; (f) When the product exhibits a change in performance - this indicates a need for service. • Replacement Parts: When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- 15) Avoid placing any liquids on or near the amplifier that may splash or drip such as those contained in bottles, cans, glasses, etc.
- 16) Vintage Sound amplifiers are capable of producing very high sound pressure levels which can cause temporary or permanent hearing damage or loss.



Specifications

Power Output	45 Watts
Output Tubes	2 - 6L6
Preamp Tubes	2 - 12AT7; 4 - 12AX7
Rectifier	1 -5AR4/GZ34
Controls	Front Panel: Channel 1: Voume.Treble.Bass Channel 2: Volume.Treble.Middle.Bass.Reverb.Speed.Intensity Rear Panel: Dwell Control on Rear Panel 2/4 ohm Impedance Selector Switch
Configurations	All Brent Mason Signature 45 Amplifier HEADS have the same chassis configurations with a multi-tap output transformer and 2/4 ohm selector switch for use with a 2x10 extension cabinet.
Colors	Assorted colors available
Dimensions & Weight	Head Cabinet: Height: 9.5" Width: 24.5" Depth: 10.5" Weight: 25lbs Combination Amp (2x10): Height: 18.5 " Width: 24.5 " Depth: 10.5" Weight: 45 lbs

FRONT PANEL



1. CHANNEL 1: 1 - First input jack for guitar
2. CHANNEL 1: 2 - Second input jack for guitar with a lower impedance
3. VOLUME/BRIGHT CONTROL - Controls loudness of amp. When pulled, control adds brilliance to all notes, especially higher frequency notes
4. TREBLE - Controls high frequency response, complemented by bright switch
5. BASS - Controls low frequency response.
6. CHANNEL 2: 1 - First input jack for guitar
7. CHANNEL 2: 2 - Second input jack for guitar with a lower impedance
8. VOLUME/BRIGHT CONTROL - Controls loudness of amp. When pulled, control adds brilliance to all notes, especially higher frequency notes
9. TREBLE - Controls high frequency response, complemented by bright switch
10. MIDDLE - Controls (narrows) high and low frequency responses. Adds a rich tone and accents middle register.
11. BASS - Controls low frequency response.
12. REVERB - Adjusts the level of the Reverb effect. Reverb can be switched ON-OFF from the Footswitch. Used in conjunction with DWELL {23} on rear of chassis.
13. SPEED - Adjusts the rate of the Vibrato effect. Vibrato can be switched ON-OFF from the Footswitch
14. INTENSITY – Increases or decreases the Vibrato effect.
15. Power Indicator: Lights up when power is switched on. If bulb fails replace with type T47.

REAR PANEL



16 17 19 20 21 22 23 24 25 26 27 28 29
18

16. BIAS Ground. See NOTE below {20}.
17. BIAS Power Tube 1. See NOTE below {20}
18. BIAS Power Tube 2. See NOTE below:
NOTE: See Bias Adjustment Video for using features {16} through {18}:
www.vintagesoundamps.com Select [Media] tab; Select [Video] tab – go to video:
Video Tips: How to Bias your Vintage Sound Amp

19. Switchable 2/4 ohm Impedance switch.

20. FUSE SLO-BLOW - The fuse protects the amp from electrical faults. Replace only with the same rating and type (2.0 Amp Slo-Blow). If the amp repeatedly blows the fuse contact your dealer or Vintage Sound Amps.

21. ON - This switch turns the AC power ON and OFF. When the switch is OFF, the amplifier is completely shut down

22. STANDBY - When the switch is in the STANDBY position, the amplifier is off; however, the tube filaments are left on as to eliminate warm-up time, provided that the POWER SWITCH (item B) is ON. Use of this feature during short breaks versus using the POWER SWITCH will increase tube life.

23. SPKR - Plug-in connection for the internal speaker. Each amp is equipped with a multi-tap output transformer and 2/4 Ω (ohm) selector switch. Always select the correct impedance using the selector switch to avoid distortion or damage to the amplifier. Impedance varies with the configuration of the amplifier (see below table):

<u>Ohm</u>	<u>Configuration</u>
2 Ω	4x10
4 Ω	2x10

24. EXT SPKR - Plug-in connection for an external speaker. This jack is wired in parallel with the INTERNAL SPEAKER JACK {21} and affects the speaker impedance load. Each amp is equipped with a multi-tap output transformer and 2/4 Ω (ohm) selector switch. When adding another speaker cabinet, always select the correct impedance using the selector switch before plugging into the extension speaker jack. **Failure to select the proper impedance can damage the output transformer and void the amplifier warranty.**

25. DWELL - The Dwell control is a second EQ to be used in conjunction with the REVERB {14} control on the front panel of the amplifier. With the Dwell control turned all the way down, there will be no reverb effect. With the Dwell control turned all the way up, there is full reverb effect. This control allows you to attenuate the reverb signal.

26. VIBRATO PEDAL - Plug the unshielded lead of the 2-button footswitch in here. The 2-button footswitch enables remote switching of the Reverb and Vibrato effects.

27. REVERB PEDAL - Plug the shielded lead of the 2-button footswitch in here.

28. REVERB OUTPUT - Plug the red reverb cable of the reverb tank in here.

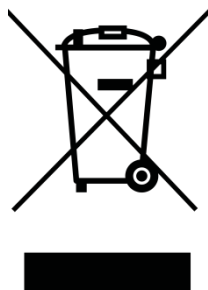
29. REVERB INPUT - Plug the white reverb cable of the reverb tank in here.

Line Cord: This amplifier is equipped with a grounding type supply cord correct to reduce the possibility of shock hazard. Be sure to connect it to a grounded receptacle. **DO NOT ALTER THE AC P**

MODEL: _____

SERIAL NUMBER: _____

INPUT VOLTAGE: _____



MADE IN USA

Vintage Sound Amps, Inc.
www.vintagesoundamps.com

CE

EC/EU DECLARATION OF CONFORMITY

We declare that the Brent Mason Signature 45 is designed in conformity with the European Directives:

2014/30/EU	EMC Directive of 26 February
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 document shall be observed. This declaration of conformity is issued under the sole responsibility of the manufacturer.

Dated: 01/01/2019



Rick Hayes, President
VINTAGE SOUND AMPS, INC.

