

# Vintage 85 Manual



Model: V85

[www.vintagesoundamps.com](http://www.vintagesoundamps.com)



## Specifications

<b>Power Output</b>	85 Watts
<b>Output Tubes</b>	2 - 6L6
<b>Preamp Tubes</b>	2 - 12AT7; 4 - 12AX7
<b>Rectifier</b>	1 - 5AR4/GZ34
<b>Controls</b>	Front Panel: Channel 1: Volume.Treble.Bass Channel 2: Volume.Treble.Middle.Bass.Reverb.Speed.Intensity Rear Panel: Dwell Control on Rear Panel
<b>Configurations</b>	Vintage 85 Amplifiers is available in a 2x12 Combination or a Head Cabinet.  All heads are built with a multi-tap output transformer and 2.4.8 ohm selector switch for use with a variety of cabinet and speaker combinations.
<b>Colors</b>	Assorted colors available
<b>Dimensions &amp; Weight</b>	Combination Amp (2x12) Height: 20" Width: 26 1/8" Depth: 10 1/2" Weight: 60 lbs Head Cabinet: Height: 9 1/2" Width: 25 1/8" Depth: 9 1/2" Weight: 35lbs  Various Speaker Cabinets available

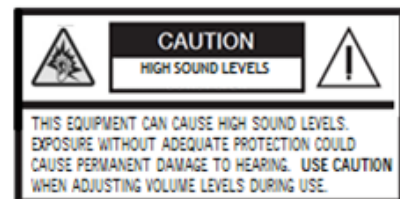
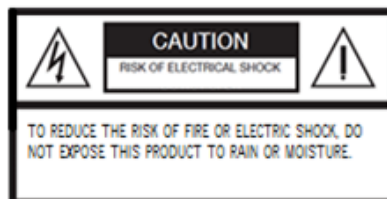
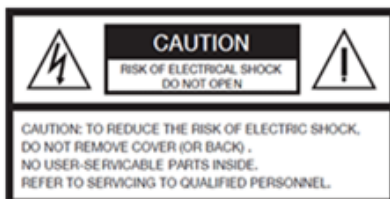


This symbol warns the user of dangerous voltage levels localized within the enclosure.

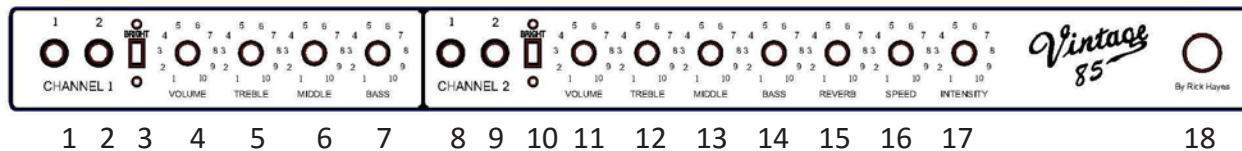
This symbol advises the user to read all accompanying literature for safely operating the unit

### 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 dropped.

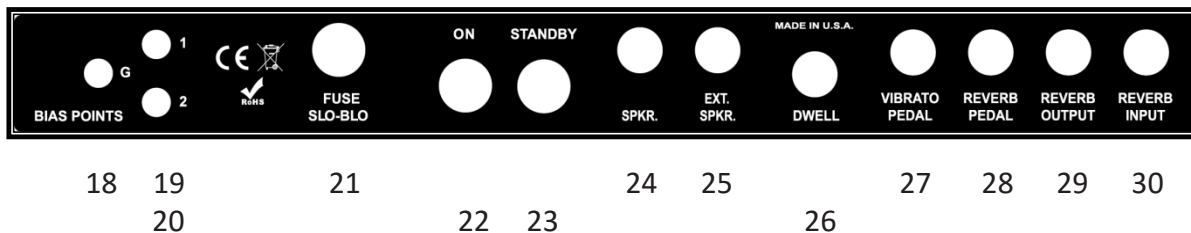


## FRONT PANEL



1. CHANNEL 1: 1 - First input jack for guitar
2. CHANNEL 1: 2 - Second input jack for guitar with a lower impedance
3. BRIGHT – Adds brilliance to all notes, especially higher frequency notes
4. VOLUME - Controls loudness of amp
5. TREBLE - Controls high frequency response, complemented by bright switch
6. MIDDLE - Controls (narrows) high and low frequency responses. Adds a rich tone and accents middle register.
7. BASS - Controls low frequency response.
8. CHANNEL 2: 1 - First input jack for guitar
9. CHANNEL 2: 2 - Second input jack for guitar with a lower impedance
10. BRIGHT – Adds brilliance to all notes, especially higher frequency notes
11. VOLUME - Controls loudness of amp
12. TREBLE - Controls high frequency response, complemented by bright switch
13. MIDDLE - Controls (narrows) high and low frequency responses. Adds a rich tone and accents middle register.
14. BASS - Controls low frequency response.
15. REVERB - Adjusts the level of the Reverb effect. Reverb can be switched ON-OFF from the Footswitch. Used in conjunction with DWELL {26} on rear of chassis.
16. SPEED - Adjusts the rate of the Vibrato effect. Vibrato can be switched ON-OFF from the Footswitch
17. INTENSITY – Increases or decreases the Vibrato effect.
18. Power Indicator: Lights up when power is switched on. If bulb fails replace with type T47.

## REAR PANEL



19. BIAS Ground. See NOTE below {20}.
20. BIAS Power Tube 1. See NOTE below {20}
21. BIAS Power Tube 2. See NOTE below:

**NOTE:** See Bias Adjustment Video for using features {18} through {20}:  
[www.vintagesoundamps.com](http://www.vintagesoundamps.com) Select [Media] tab; Select [Video] tab – go to video:  
**Video Tips: How to Bias your Vintage Sound Amp**

21. 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.

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

23. 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.

24. SPKR - Plug-in connection for the internal speaker. Each amp is equipped with a multi-tap output transformer and 2/4/8 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>
4Ω	Vintage 40 2x12
8Ω	Vintage 40 1x15

25. 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 2/4/8 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.**

26. 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.

27. 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.

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

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

30. 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**

MODEL: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

INPUT VOLTAGE: \_\_\_\_\_



MADE IN USA

Vintage Sound Amps, Inc.  
www.vintagesoundamps.com

**CE**

## **DECLARATION OF CONFORMITY**

We, Vintage Sound Amps, declare, taking this declaration under our total responsibility, that guitar amplifier model Vintage 85 (V85) 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.

Dated: 12/01/2015

*Rick Hayes*

---

Rick Hayes, President  
VINTAGE SOUND AMPS, INC.

