

# VHT SPECIAL 6

6-Watt Vacuum Tube Guitar Amplifier

User Manual





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## Important Safety Instructions

- 1) Read these instructions.
  - 2) Keep these instructions.
  - 3) Heed all warnings.
  - 4) Follow all instructions.
  - 5) Do not use this amplifier near water.
  - 6) Clean only with dry cloth.
  - 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
  - 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) Unplug this amplifier during lightning storms or when unused for long periods of time.
  - 13) Refer all servicing to qualified service personnel. Servicing is required when the amplifier 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 amplifier, the amplifier has been exposed to rain or moisture, does not operate normally, or has been dropped.
  - 14) The amplifier shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the amplifier.
  - 15) This amplifier shall be connected to a mains socket outlet with a protective earthing connection.
  - 16) The power/mains plug or amplifier coupler is the disconnect device which must remain readily operable.
- WARNING** To reduce the risk of fire or electric shock, do not expose this amplifier to rain or moisture.

## Panel Functions

(Please refer to Fig. 1 and Fig. 2 for details.)

### A. THE FRONT PANEL

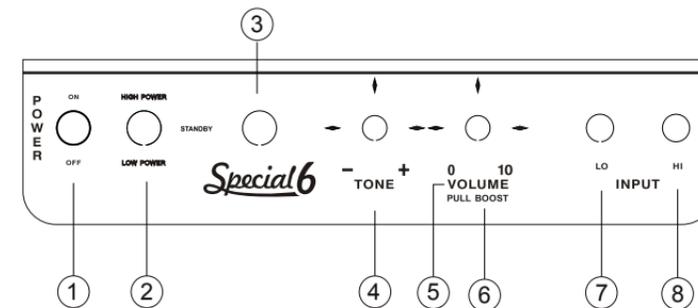


Fig. 1: The Front Panel

1. **Power Toggle Switch:** Use this switch to turn the amplifier on or off.
2. **High/Low Power and Standby switch:** This switch reduces the amplifier's maximum output power when in Low-Power mode; it preserves the amp's lively dynamic response when playing at lower volume levels. The middle position is Standby mode.
3. **Jewel Light:** This light will be illuminated when the Power switch is in the upward position (Power On); the jewel light will be off when the switch is in the downward position (Power Off).

4. **Tone:** Use this control to adjust the balance of the high and low frequencies. The tone control is functional in both Normal and Boost modes.

5. **Volume:** Overall volume adjustment. Turning this knob clockwise (0-10) increases the overall sound level.

6. **Pull Boost:** Pull this knob to boost the preamp gain. This feature can also be accessed by the footswitch.  
**THE VOLUME KNOB MUST BE IN THE PULLED POSITION FOR THE FOOTSWITCH TO FUNCTION.**

7. **Low Input Jack:** Connect the cable from the instrument's output jack to this jack. This jack is provided for instruments that have extremely high outputs that can result in distortion when connected to the Hi Input Jack. The Low Input Jack also provides a darker tone than the Hi Input Jack. Always use an undamaged, shielded instrument cable.

8. **High Input Jack:** Connect the cable from the instrument's output jack to this jack if it has an average output (i.e., Strat-style and Les Paul-Style guitars with vintage-style pickups). The High Input Jack provides a brighter tone than the Low Input Jack. Always use an undamaged, shielded instrument cable.

## B. THE REAR PANEL

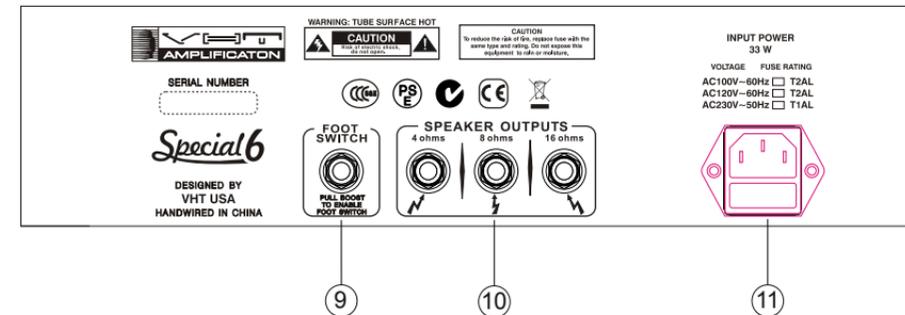


Fig. 2: The Rear Panel

9. **Footswitch Jack:** Plug the preamp gain Boost footswitch into this jack.

10. **Speak Jacks:** Plug a 4-ohm, 8-ohm, 16-ohm cabinet into the appropriate jack. The special 6 Combo's internal speaker is disconnected when an external jack is used.

11. **Power IEC Socket:** Use the included power cord with this unit in accordance with the voltage and frequency ratings listed on this manual and rear panel of this amplifier.

## Technical Specifications

## Notes

<b>Name/Model</b>	VHT Special 6 6-watt Vacuum Tube Guitar Amplifier / SPECIAL 6
<b>Power Requirements &amp; Consumption</b>	1120VAC, 60Hz 100/115VAC, 50/60Hz 220VAC/230VAC/240VAC, 50/60Hz
<b>Maximum Output Power</b>	6 watts
<b>Speaker (Combo only)</b>	1 x 10" VHT Model 50-watt 16 ohms
<b>Amp Type</b>	Hand-wired Class A tube Amp
<b>Pre-Amp Section</b>	(1) 12AX7 preamp tube
<b>Power-Amp Section</b>	(1) 6V6 output tube
<b>Controls</b>	Volume (with Pull Boost), Tone
<b>Inputs</b>	Hi- and Lo- gain Inputs
<b>Jacks</b>	1/4" Inputs-Hi & Lo, 1/4" Footswitch, 3 Speaker Outputs
<b>Cabinet</b>	Finger jointed plywood
<b>Cosmetics</b>	Black vinyl and black grille cloth
<b>Dimensions (H x W x D)</b>	Combo: 14.75" x 14.5" x 8.5" (375mm x 365mm x 215mm) Head: 9.25" x 14.5" x 8.0" (235mm x 370mm x 200mm)
<b>Net Weight</b>	Combo: 26.75 lbs. (12.1 kg) Head: 17.5 lbs. (7.9 kg)

Notes

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## Limited Warranty Information

This amplifier is warranted, to the original Purchaser, to be free from defects in material and workmanship for a period of five (5) years, excluding the tubes and speaker, which are warranted for ninety (90) days, from the original date of purchase.

The manufacturer shall, at its option, either repair or replace the defective product if the product is returned to the original place of purchase. If any product returned is not defective within this warranty, the manufacturer shall so advise the Purchaser and thereafter shall dispose of said product in accordance with the Purchaser's instructions and at the Purchaser's cost. This warranty is not transferable by the Purchaser.

The warranty shall not apply to wearable parts, these items include, but are not limited to, amplifier knobs, feet, and handles.

The warranty shall not apply, if the product has been misused or damaged as a result of neglect, abuse, alteration, improper handling, unauthorized repair or modification, accident or causes external to the product, such as, but not limited to, excessive heat or humidity.

The manufacturer's sole and exclusive maximum liability for any claim by the Purchaser shall not exceed the wholesale value of the product. In no event shall the manufacturer be liable for any indirect, incidental, collateral, exemplary, or consequential damages of losses arising out of the Purchaser's purchase of the product. The above limitations may not apply in some states (U.S.), international regions or countries.

**VHT**  
**AMPLIFICATION**

HAND-WIRED IN CHINA