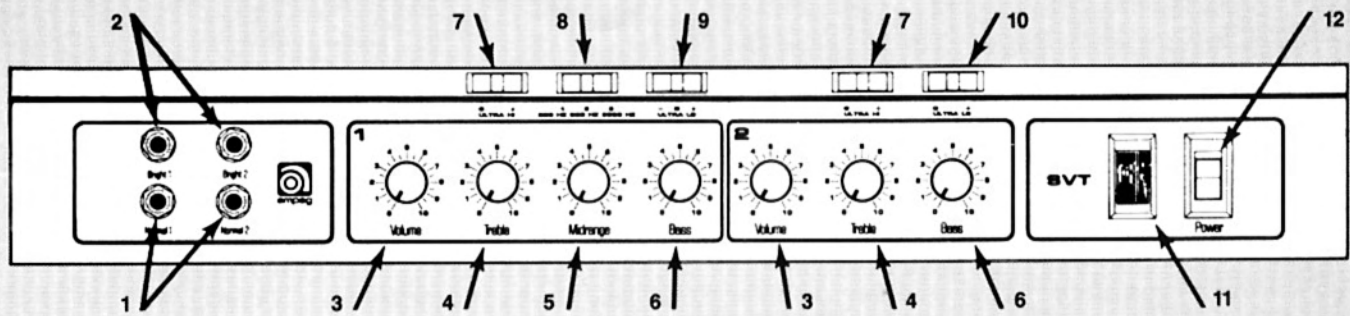




**SVT-HD Bass Amplifier
Owner's Reference Guide**



Front Panel

1. Normal Input: This input accepts a standard 1/4" phone plug and is suitable for any low to line level signal source such as an electric bass.

2. Bright Input: This input also accepts a standard 1/4" jack but it will provide a boosted top end to each channel.

Channel One

3. Volume: This control sets the amount of gain for the preamp: A low output instrument or soft playing style requires high gain (5-10 setting) while a high output instrument or hard playing style requires less gain (1-4 setting). Too high a setting along with boosted equalization may cause distortion or a harshness of sound. If this is not desired reduce the gain with this control.

4. Treble This control adds "bite" or "sizzle" to the bass when boosted. Decreasing this control and/or the midrange control can help reduce fret buzzes and rattles.

5. Midrange: This control affects midrange frequencies, adding mellowness or warmth when increased or thinness when decreased.

6. Bass: The desired amount of bottom may be increased or decreased with this control.

7. Two-Position Ultra High Switch: This switch in the "+" position provides additional boost to the high frequencies. It has more effect at lower settings of the volume control. It has no effect in the "O" position.

8. Three-Position Midrange Switch: Each position of this switch selects a frequency range which you can boost or cut with midrange control.

9. Three-Position Ultra Low Switch: This switch provides additional boost in the "+" position or cut in the "-" position of the extremely low frequencies. It has no effect in the "O" position.

Channel Two

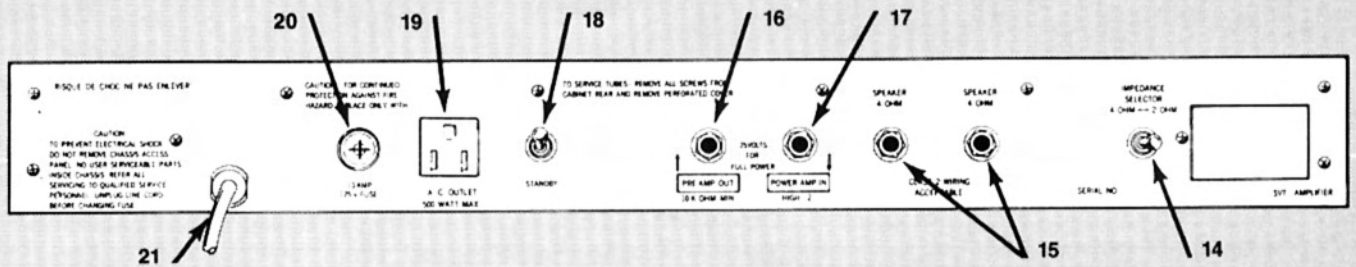
Volume, Treble, Bass, Two-Position Ultra High Switch: These controls are identical to those on channel one.

10. Two-Position Ultra Low Switch: This switch provides additional boosts in the "+" position of the extremely low frequencies. It has no effect in the "O" position. **Note:** Channel 1 and 2 are independent.

11. Pilot Light: This light is lit when the unit is on.

12. Power Switch: The up position of this two-position switch turns the unit on and the down position off.

13. Standby Light: (on the power amp chassis behind grill cloth). This light is lit when the unit is in standby mode.



Rear Panel

14. Impedance Selector:

This switch provides proper impedance selection for the speaker cabinet(s) used. Be sure that the speaker cabinet(s) are of the same impedance selected with the switch (either 8 ohms or 4 ohms). A mismatch might cause severe damage to the amplifier — see chart for proper connection.

15. Speaker Jacks: Two ¼" jacks are provided to connect speaker cabinet(s) capable of handling 300 watts. Make sure proper speaker cable is used and that the Impedance Selector switch is in the proper position.

16. PreAmp Out Jack: This jack is used to link the SVT-HD to additional amplifiers. Simply run a cable from this jack to the input of another amplifier.

17. Power Amp Input Jack: This jack is used as a direct input to the power amp. Plugging into this jack disconnects the direct (normal) connection between the preamp and power amp. The preamp out jack may be used with the power amp in jack as an effects loop.

18. Standby Switch: This switch places the unit in either operating mode or standby mode. The standby mode allows the tubes to stay warm during short break periods, prolonging tube life and providing an instant "on" when needed.

19. AC Outlet: This outlet provides power to auxiliary units which do not exceed 500 watts power requirements.

20. Fuse: This is the safety valve of the unit. To reduce the risk of fire replace only with 10 A, 125 V normal blow fuse. If unit repeatedly blows fuse it must be serviced by an authorized service department.

21. AC Line Cord: This cord allows connection to an AC supply (120 V, 60 Hz). Be sure the unit is properly plugged into a safely wired outlet before use.

TECHNICAL SPECIFICATIONS

OUTPUT POWER RATING	300 watts RMS minimum, continuous @ less than 3% THD into 4 or 2 ohms from 20 Hz to 20 KHz.
BASS	±12 dB @ 40 Hz
MIDRANGE	±20 dB @ 220, 800, or 3 KHz
TREBLE	±12 dB @ 4 KHz
ULTRA HIGH	+20 dB @ 8 KHz (dependent on volume)
ULTRA LOW	-20 dB @ 40 Hz
ULTRA LOW	+20 dB @ 600 Hz
SIGNAL TO NOISE RATIO	800 dB below full power
INPUT POWER REQUIREMENTS	120 VAC, 60 Hz, 6 amps, power consumption 570 watts @ rated output
PATCHING CAPABILITIES	high impedance poweramp input jack with .25 volts for 300 watts
CABINET SIZE AND WEIGHT	23% ^W x11 ^H x14 ^D 85 lbs.

CAUTION: Do not expose this unit to high dust or moisture conditions. Do not open unit; service can only be provided by authorized service personnel. Do not submit unit to excessive shock, abuse, or heat. Do not operate unit without connecting to proper speaker systems. Be sure Impedance Selector switch is in proper position. Failure to do so will void warranty and may cause severe, expensive damage to the unit. Be sure unit has proper ventilation by keeping front and rear free of obstructions. Keep unit free from any heavy build up of dust or dirt. Be sure unit power is off when not in use.

CAUTION: This amplifier is capable of producing high sound pressure levels (high volume). Continued exposure to high sound pressure levels can cause permanent hearing impairment or loss. User caution is advised, and ear protection is recommended when playing at high volumes.

CAUTION: To reduce the risk of electric shock, do not remove chassis. No user serviceable parts inside. Refer servicing to qualified service personnel.

IMPEDANCE CHART

SPEAKERS	one 4 ohm or two 8 ohm cabinets one 2 ohm, two 4 ohm, or four 8 ohm cabinets
IMPEDANCE SELECTOR SWITCH	4 ohms 2 ohms

We would like to take this opportunity to thank you for selecting an Ampeg product, and to tell you of our commitment to the design and manufacture of only the finest musical instrument amplification equipment; built for you, the musician.

You have purchased one of the most innovative sound amplification devices available today. Your Ampeg amplifier gives you more performance features than ever before; features that you, the musician, have asked for.

Your Ampeg amplifier is an American product, manufactured at our factory in St. Louis, Missouri. Only the finest available components and materials are used in the manufacture of each amplifier.

All Ampeg amplifiers are subject to seven or more inspection and testing steps to assure you of a high quality product. The final test for each amp is conducted by a trained musician with the instrument the amp was designed for. Any unit that does not meet the standards of his discriminating ear will not be passed.

Since all Ampeg products are designed, developed, and manufactured through the cooperative efforts of engineers and professional musicians, the end result is a product that responds to the musician's audio requirements, and a product that will serve your needs for years to come.

SLM Electronics Limited Warranty

SLM Electronics warrants this product to be free of defects in material and workmanship for a period of one (1) year from the original date of purchase to the original purchaser and is not transferable. Speakers, tubes, and meters carry a ninety (90) day warranty. This warranty is subject to the conditions, exclusions, and limitations hereinafter set forth. Excluded from this warranty are defects caused by wear and tear, misuse, neglect, alterations and modifications, or act of nature. Such determinations will be made by SLM Electronics. Warranty is also void if:

- a. The original retail purchase is not made from an Authorized Ampeg dealer;
- b. The serial number affixed to the product is altered, defaced or removed.

All parts costs will be borne by SLM Electronics within the warranty period. Labor costs will be covered within the warranty period according to rate schedules established by SLM Electronics. Warranty service may be done by SLM Electronics or an SLM Authorized Field Service Center. Transportation charges involved in warranty service are the sole responsibility of the purchaser.

SLM Electronics warrants speakers to be free from defect in material and workmanship for a period of ninety (90) days from original date of purchase. Speaker warranty will be subject to inspection of speaker by SLM Electronics or SLM Authorized Field Service Center. Obvious overpowering will result in warranty denial. Realizing speakers can be overloaded causing failure, SLM Electronics will replace the speaker with a speaker of same or equal type at a price one-half the then current suggested retail price of the new speaker for life, regardless of reason.

Warranty repairs may be handled by your authorized dealer, authorized SLM Service Center, or SLM Electronics. All units being returned to SLM Electronics must be accompanied with a detailed description as to needed repairs, a copy of the original sales receipt, and an SLM Electronics return authorization. SLM Electronics reserves the right to repair or replace this piece of equipment at their option.

SLM Electronics is not liable for any incidental or consequential damages resulting from any defect or failure of this instrument other than the repair of the SLM Electronics product subject to the terms of this warranty. This limited warranty gives you specific legal rights, and you may have other rights which vary from state to state. This warranty is expressly in lieu of all other agreements and warranties, expressed or implied, except as may be otherwise required by law.