



SVT-III Bass Amplifier Owner's Reference Guide

TECHNICAL SPECIFICATIONS

OUTPUT POWER RATING	200 Watts RMS (α 5% THD 8 ohm load 120 VAC 350 Watts RMS (α 5% THD 4 ohm load 120 VAC)
SIGNAL TO NOISE RATIO	75dB Typical
TUBE COMPLEMENT	12AX7 (3)
POWER REQUIREMENTS	Domestic: 6A, 100/120 VAC, 60Hz Export: 3A, 220/240 VAC, 50Hz
BASS	\pm 12dB (α 40Hz)
MIDRANGE	\pm 20dB (α 220, 450, 800, 1.6, or 3kHz)
TREBLE	\pm 12dB (α 4kHz)
ULTRA HIGH	\pm 20dB (α 8kHz, dependent on volume)
ULTRA LOW	$-$ 20dB (α 600Hz)
GAIN	24dB (with EQ's flat)
GRAPHIC EQ	\pm 12dB (Low, 100, 250, 750, 2kHz, High) \pm 10dB Level
SIZE AND WEIGHT	19"W x 3.5"H x 17"D Removable feet add .6" to the height 35 lbs.

CAUTION: To reduce the risk of electric shock, do not open chassis. No user serviceable parts inside. Refer all servicing to qualified service personnel. To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

WARNING: This amplifier is capable of producing sound pressure levels in excess of 110dB SPL. 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. The U.S. government has specified acceptable noise exposure levels. Refer to these guidelines for allowable exposure times.

Specifications subject to change without notice.

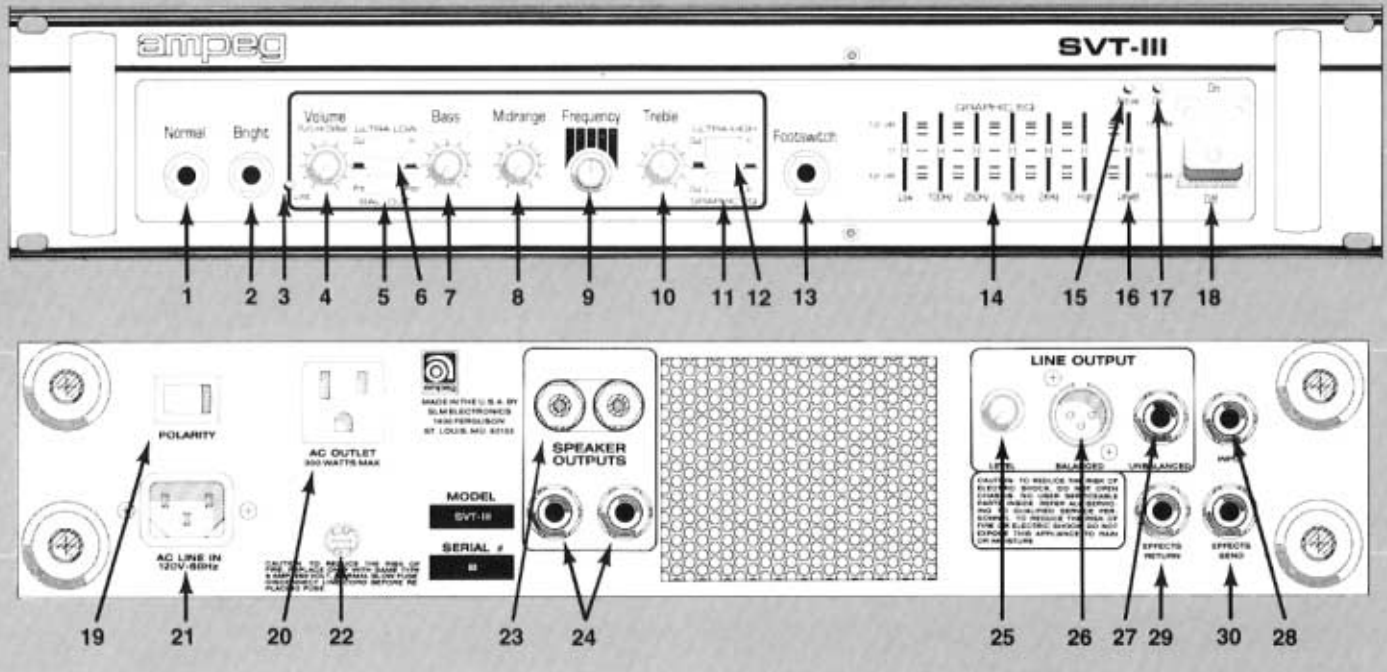
We would like to take this opportunity to thank you for selecting an Ampeg product, and to tell you of our commitment to the design and manufacture of only the finest musical instrument amplification equipment; built for you, the musician.

You have purchased one of the most innovative amplification devices available today. Your Ampeg power amp 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 amp.

All Ampeg products are subjected to seven or more inspection and testing steps to assure you of a high quality product. The final test for each amplifier is conducted by a trained musician; any unit that does not meet the standards of our musician's 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.



Front Panel Features and Functions

1. Normal 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 also accepts a standard 1/4" jack but it will provide a boosted top end.

3. Limit LED is lit when the limiter circuitry is on.

4. Volume/Pull Limit Defeat control sets the amount of gain (and overall volume) for the unit. The limiting circuitry is automatically on when the unit is in operation. Gently pulling this knob out turns the limiter off.

5. Balanced Output switch selects the source signal for balanced output (rear panel). In the PRE position (out) the output acts as a direct out, and no controls affect the output. In the POST position (in) the balanced output is taken after the Graphic EQ, and all controls affect the balanced output. The balanced output is further modified by the Balanced Out Level control (25) on the rear panel.

6. Ultra Low accentuates the low end when the switch is pressed.

7. Bass control is a continuously variable low end control.

8. Midrange control boosts or cuts the frequency range

selected by the Frequency control.

9. Frequency five-position switch selects a frequency range to be affected by the Midrange control (8).

10. Treble control is a

continuously variable high end control.

11. Graphic EQ switch, when pushed in, enables the Graphic EQ section (14).

12. Ultra High switch provides additional boost to the high frequencies. It has more effect at lower settings of the Volume control (4).

13. 1/4" Footswitch jack will accept a standard lighted or unlighted footswitch which enables the Graphic EQ. The front and rear footswitch jacks perform the same function.

14. EQ Sliders: The Low and High sliders operate similarly to the Bass (7) and Treble (10) controls. The four middle sliders control frequencies as labeled.

15. Active LED is lit when the EQ is on. It flashes if the EQ section is close to clipping.

16. Level slider is an additional volume control active only when the Graphic EQ is selected. When used in combination with the Graphic EQ, two different sounds at the same or different volume levels may be obtained.

17. Power LED is lit when the unit is on.

18. Power switch applies power to the unit.

Rear Panel Features and Operation

19. Polarity switch can be positioned for the least noise from the AC line.

20. Convenience Outlet provides power to auxiliary units up to a maximum of 300 watts.

21. AC Line Cord Receptacle: Attach supplied line cord here and connect to a properly grounded AC outlet.

22. External Fuse Holder contains a fuse which acts as a "safety valve" for the unit. If at any time the unit should fail to operate, check this fuse. If the problem persists, consult an authorized Ampeg service center.

23. 5-Way Binding Posts provide a convenient way of connecting speakers to the unit. Each binding post consists of a red and a black terminal, which will accept bare wire, dual banana plugs, and spade lugs, as well as certain types of test probes. These posts make for an excellent connection, with the current carrying capacity needed for high power applications.

24. Speaker jacks are paralleled 1/4" unbalanced jacks supplying the output

signal of the power amp.

25. Level control is the Line Out volume control for both balanced and unbalanced line outputs (26, 27).

26. Balanced Output jack provides a balanced out

signal determined by the Balanced Out switch (5) on the front panel.

27. Unbalanced 1/4" Output jack accepts any standard 1/4" "mono" or "stereo" phone plug. Provides a balanced out signal determined by the Balanced Out switch (5) on the front panel.

28. Input jack performs the same function as the front panel Normal Input (1).

29. Effects Return 1/4" jack is used to connect to the output of an external effects device.

30. Effects Send 1/4" jack is used to connect to the input of an external effects device.

Your SVT-III is equipped with a 1/4-20 nut on the rear panel for additional support when rack mounted.

CAUTION: DO NOT BLOCK SIDE OR FAN VENTS.