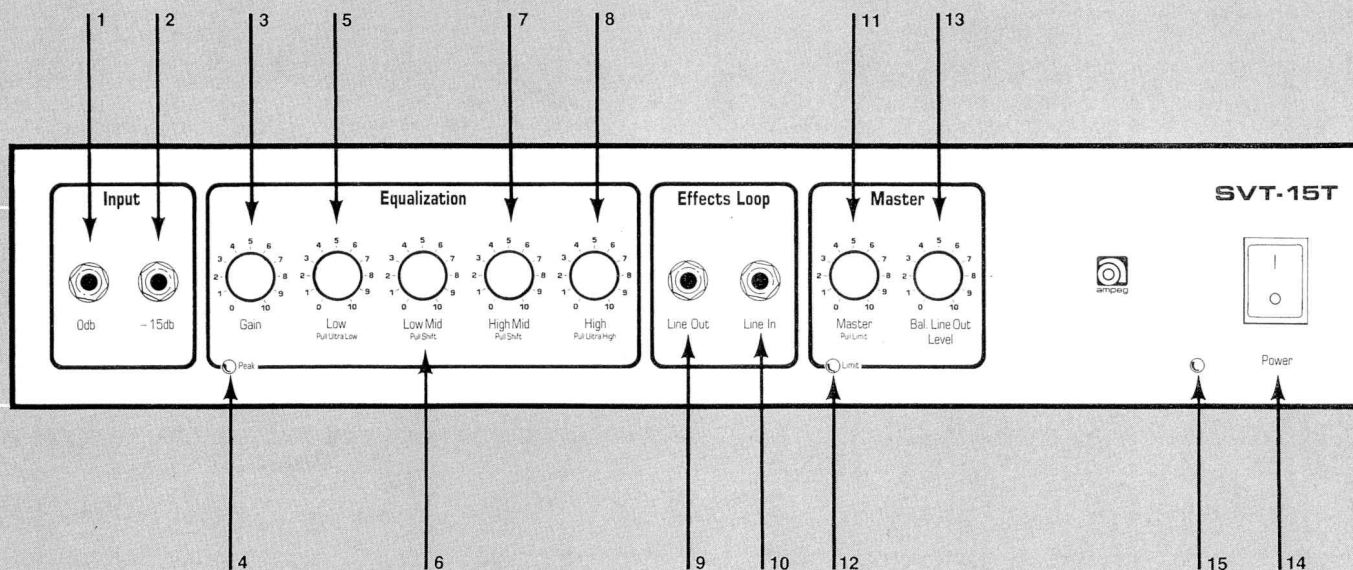


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U.S.A.



**SVT-15T Bass Amplifier  
Owner's Reference Guide**



## Front Panel Features and Functions

**Input Jacks (1 & 2)** Your SVT-15T is equipped with two preamp input jacks. The “0db” input (1) accepts low to line level inputs; and the “-15db” input (2) is padded to accept hotter inputs such as active type basses.

**Gain (3)** The Gain control (3) is used to compensate for various input signal levels and playing styles by varying the amount of gain for the preamp. A Peak indicator LED (4) is provided, which illuminates at levels of 6db below preamp clipping. For the most efficient clean output, the Gain control should be set in such a manner that the Peak indicator LED (4) flashes occasionally—but not continuously.

**Tone Controls** The SVT-15T incorporates sophisticated active tone control circuitry in a configuration designed for ease of operation and

maximum tonal variation possibilities.

Four rotary EQ controls allow you to boost or cut low frequencies (5), lower midrange frequencies (6), upper midrange frequencies (7), and high frequencies (8). The range of these tone controls can be further expanded by the “pull” switches incorporated in each. By gently pulling the “Low” control (5), Ultra-low bass frequencies below the range of the “Low” control (5) are boosted. Likewise, by gently pulling the “High” control (8), additional high frequencies are boosted. The “Low-Mid” and “High-Mid” controls each incorporate frequency “Shift” functions which, when pulled, shift the frequency centerpoints of the mid tone controls slightly upward. It should be noted that the “Mid-Shift” is most prominent when the “Mid” controls are cut or boosted, and are more subtle when the “Mid” controls are near “flat” (12

o’clock position).

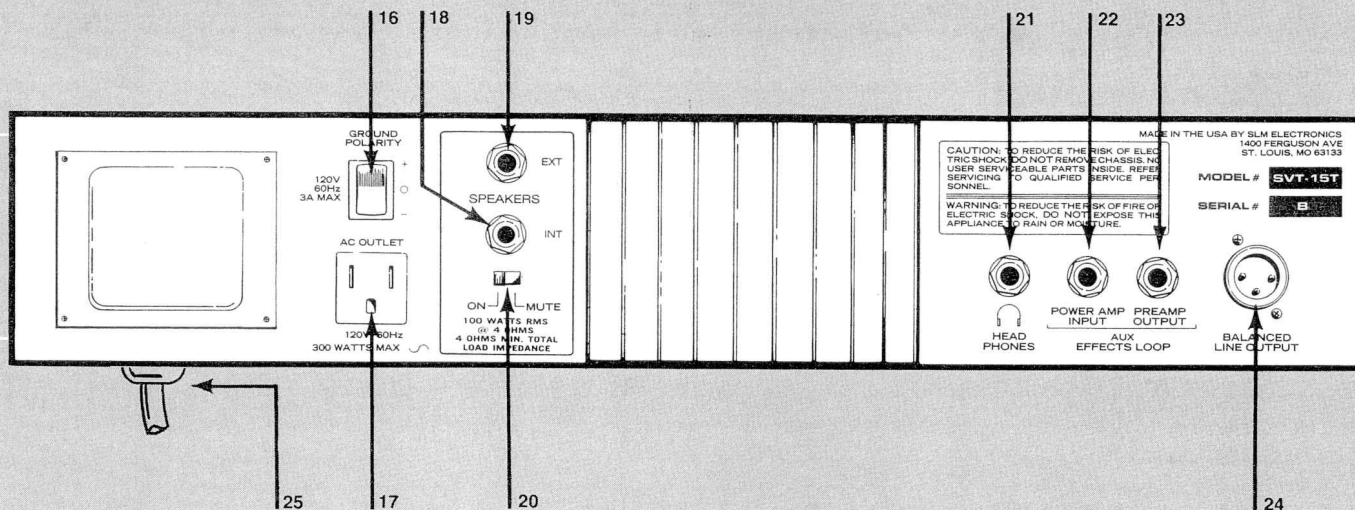
**Effects Loop** Line Out (9) and Line In (10) jacks are provided on the front panel of the SVT-15T. These jacks are designed to be used as a “Post-EQ” line level external effects loop. The Line Out jack (9) can be connected to the line level input of an external effects device; and the Line In jack (10) can be connected to the line level output of an external effects device. This “Post-EQ” configuration is helpful in reducing unwanted noise associated with external effects devices.

**Master/Limiter** Your new amplifier contains a limiter circuit which is designed to allow you to limit the output of any desired level, offering smooth, even sound levels with more sustain. As well, the limiter circuitry prevents poweramp overloading.

The limiter circuitry is turned on by gently pulling the “Master” control (11). A Limit indicator LED (12) is provided, which illuminates when limiting is taking place. When the limiter is on, the Gain control (3) will adjust the amount of limiting and sustain. The “Master” control (11) is used to set the overall listening level of the amplifier.

**Balanced Line Out Level (13)** This control adjusts the output level of the Balanced and Unbalanced line output jacks (24 & 25) on the rear panel of the unit.

**Power Switch (14)** The SVT-15T is turned on by depressing the “1” marked on the Power Switch. When the amp is on, the power indicator LED (15) should be lit.



## Rear Panel Features and Operation

**Polarity Switch (16)** If humming or buzzing occurs, try different positions of this switch. If this does not eliminate the buzzing, leave the switch in its center position and check guitar cords, etc.

**Convenience Outlet (17)** Power for additional equipment, such as signal processors, etc., is available through this outlet, allowing a maximum of 300 watts. Consult the manual of any such piece of equipment for its power rating before connecting it to the SVT-15T.

**Speaker Jacks (18 & 19)** The unit's internal speaker is

connected to the internal speaker jack (18). Any load equal to at least 4 ohms may be connected to the external speaker jack (19). The internal speaker jack will be automatically disconnected whenever the external speaker jack is used.

**Mute Switch and Headphone Jack (20 & 21)** The Headphone jack (21) is suitable for use with any standard headphones set. For private practicing, the internal speaker may be switched off by using the Mute switch (20).

**Power Amp Input (22)** The Power Amp Input jack is a direct input to the power amp. Plugging into this jack will interrupt the normal

connection of the preamp to the power amp, allowing use of the Preamp Output (23) and Power Amp Input (22) as an effects loop.

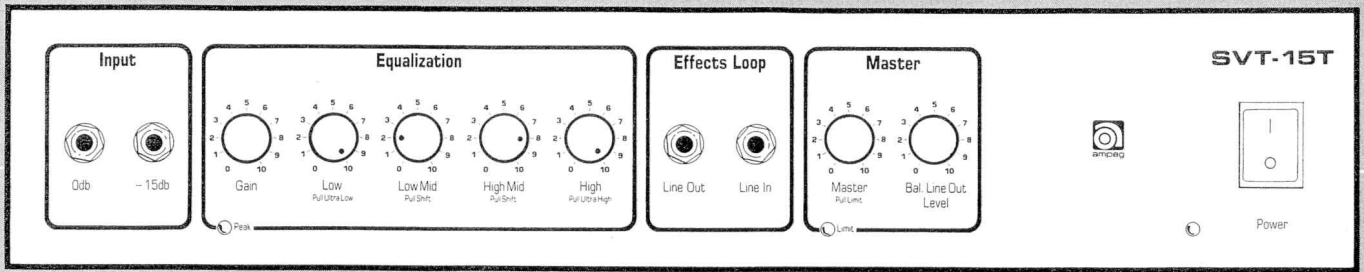
**Preamp Output (23)** The preamp output signal is available at this jack. Plugging into this jack will not interrupt the signal to the power amp. This output can be used to drive additional power amps.

**Balanced Line Out (24)** The Balanced Line Out provides a low impedance balanced output for connecting the SVT-15T to an external power amplifier, mixer, tape deck, etc. The output level of these is set by the Balanced Line Out Level control (13) on the front

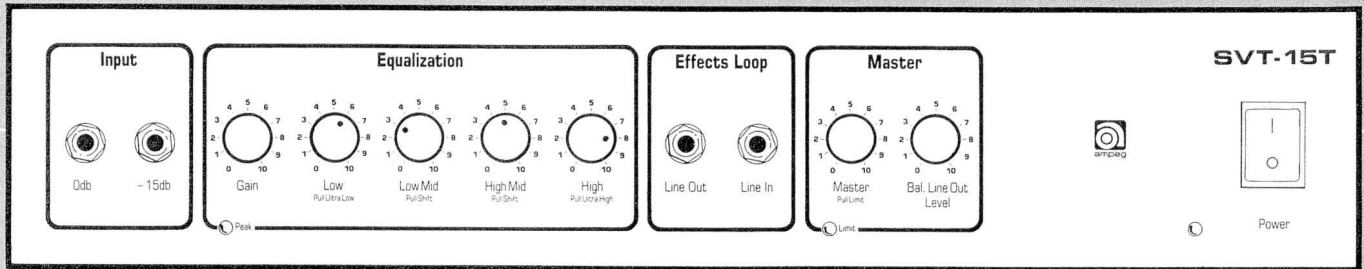
panel, and is independent of the Master control (11).

**Power Cord (25)** Your unit is shipped prepared to be used with standard 120volt 60Hz power. Be certain it is plugged into a properly wired, grounded (three pin) power outlet before use. TO REDUCE THE RISK OF ELECTRICAL SHOCK, NEVER BREAK OFF OR OTHERWISE DEFEAT THE GROUND PIN ON THE POWER CORD.

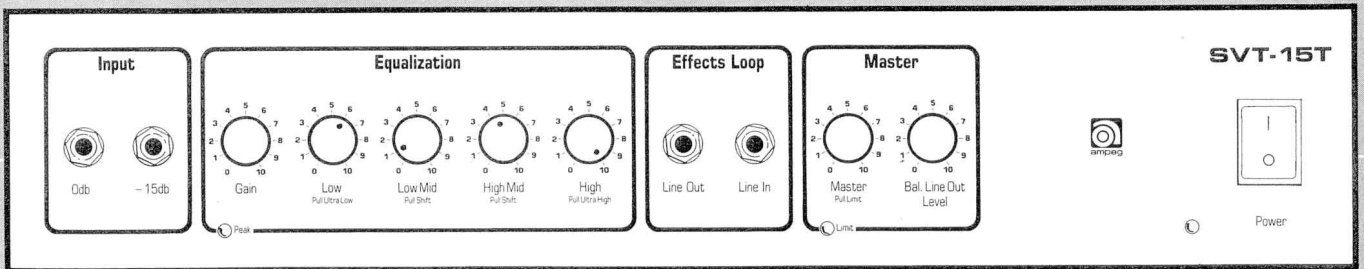
**WARNING:** Never plug headphones into either speaker jack—you could suffer permanent loss of hearing or damage your headphones.



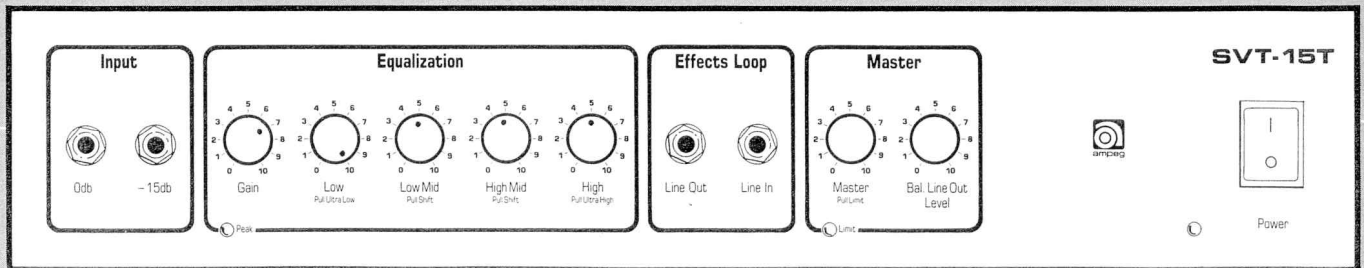
"SVT"



MIDDLE OF THE ROAD



FUNK "POPPING"



"PEDALS"

## TECHNICAL SPECIFICATIONS

<b>OUTPUT POWER RATING</b>	100 Watts RMS @ 5% THD 4 ohm load—120VAC
<b>SPEAKER SIZE AND RATING</b>	15" 150 watt Electro-Voice "Force" 15 speaker, 4 ohm
<b>ULTRA-LOW SWITCH</b>	10db boost @ 40Hz
<b>BASS CONTROL</b>	28db range @ 80Hz
<b>LOW MID CONTROL</b>	24db range @ 400Hz 24db range @ 640Hz (shift mode)
<b>HIGH MID CONTROL</b>	24db range @ 1kHz 24db range @ 1.6kHz (shift mode)
<b>TREBLE CONTROL</b>	24db range @ 3kHz
<b>ULTRA-HIGH SWITCH</b>	10db boost @ 5kHz
<b>INPUT IMPEDANCE</b>	0db 220k ohms, - 15db 57k ohms
<b>MAXIMUM INPUT SIGNAL LEVEL ACCEPTED</b>	15 volts, peak to peak
<b>TOTAL SYSTEM GAIN</b>	47db with tones flat, Ultra-Low and Ultra-High off
<b>SIGNAL TO NOISE RATIO</b>	84db
<b>POWER REQUIREMENTS</b>	DOMESTIC 3A 120VAC 60Hz EXPORT 1.5A 240VAC 50Hz
<b>DIMENSIONS AND WEIGHT</b>	20.75"W x 24.50"H x 11.75"D 52 lbs.

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

**WARNING:** This equipment is capable of producing sound pressure levels greater than 110db SPL. Continued exposure to such high pressure levels can cause permanent hearing impairment or loss. User caution is advised, and ear protection is recommended.

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 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 subjected 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 for which the amp was designed. 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 will serve your needs for years to come.