

The Ampeg SVT-III-PRO

The combined tradition of the classic SVT and high current, tube driven MosFet technology puts the 1993 SVT-III-PRO in a class by itself. This compact power-house packs the heart and soul of a 450 watt power amp and a multi-tube preamp into a two rackspace body that weighs only 26 pounds. Amazingly, Ampeg does all this at a price that's more than affordable.

On the merits of a single tube, many companies claim their equipment has a tube preamp. The SVT-III-PRO puts *three* premium 12AX7A tubes to work in its preamp. The sound, feel and tone of tube preamps are both unparalleled and certainly unattainable by non-tube preamps. The results are nothing short of magic. No matter how hard you hit your strings, the SVT-III-PRO produces clear, true sound. Harsh, brittle attack is left to the tubeless competitors.

Even after the preamp, the power amp processes the signal with additional tubes. A voltage gain stage 12AX7A is followed by eight MosFets that are driven by a 12AU7. The result is a real tube sound without the added expense, weight and unreliability of power tubes and output transformers.

The power amp design of the SVT-III-PRO allows total drive (distortion) control without a limiter. A unique control varies the plate voltage of the 12AU7 driver stage. When full up, the signal dynamics are increased while giving you greater

output. At lower settings, the sound becomes more compressed as the driver tube is overdriven.

As you look across the front panel of the SVT-III-PRO, the extent of tone and signal level control are obvious. Tone is adjusted by the "Bright" button, three bands of Ampeg's classic equalization, and a five position mid-frequency select switch. Further sound customization is achieved by Ultra Low and Ultra High buttons. All this is accomplished before you get to the nine band graphic EQ section. The EQ can fine tune your already well-controlled tone settings, or create a completely different sound. An optional foot-switch can be used for hands-free on/off switching of the EQ section, making it a great second channel for bass solos.

The SVT-III-PRO has equally impressive level control. The input features a -15dB pad and a completely variable input gain control to match proper levels with anything you plug in. A peak LED indicates proper signal matching. A master volume control and Graphic EQ level slider

let you set your preferred on-stage listening levels while the XLR balanced line out has its own level control for outputting to the house console, tape deck or auxiliary amps.

A mute control can be used to silence outputted stage and preamp signals with the push of a panel button or remote footswitch. This handy feature makes tuning through an electronic tuner easier, especially when your tuner is plugged into the convenient tuner out jack.

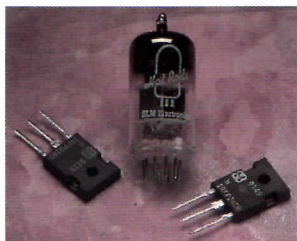
Patching capabilities on the SVT-III-PRO are second to none. The balanced XLR line out jack (with a noise-preventing ground-lift), and 1/4" line out are controlled by a line out level control. The signal at these jacks are pre or post EQ switchable. An effects loop, preamp output and power amp input jack help complete the package. Speakers can be connected via 1/4" jacks or 5 way binding posts. There's even an AC convenience outlet to power up your external effects. With its unsurpassed features and affordability, the SVT-III-PRO is the most competitive and versatile amp available.

SVT-III-PRO:
*The Next
Generation of
Classic Tube
Bass Sound.*





Tube driven MosFets create greater signal dynamics over traditional solid state designs.



Nikki Sixx
- Mötley Crüe



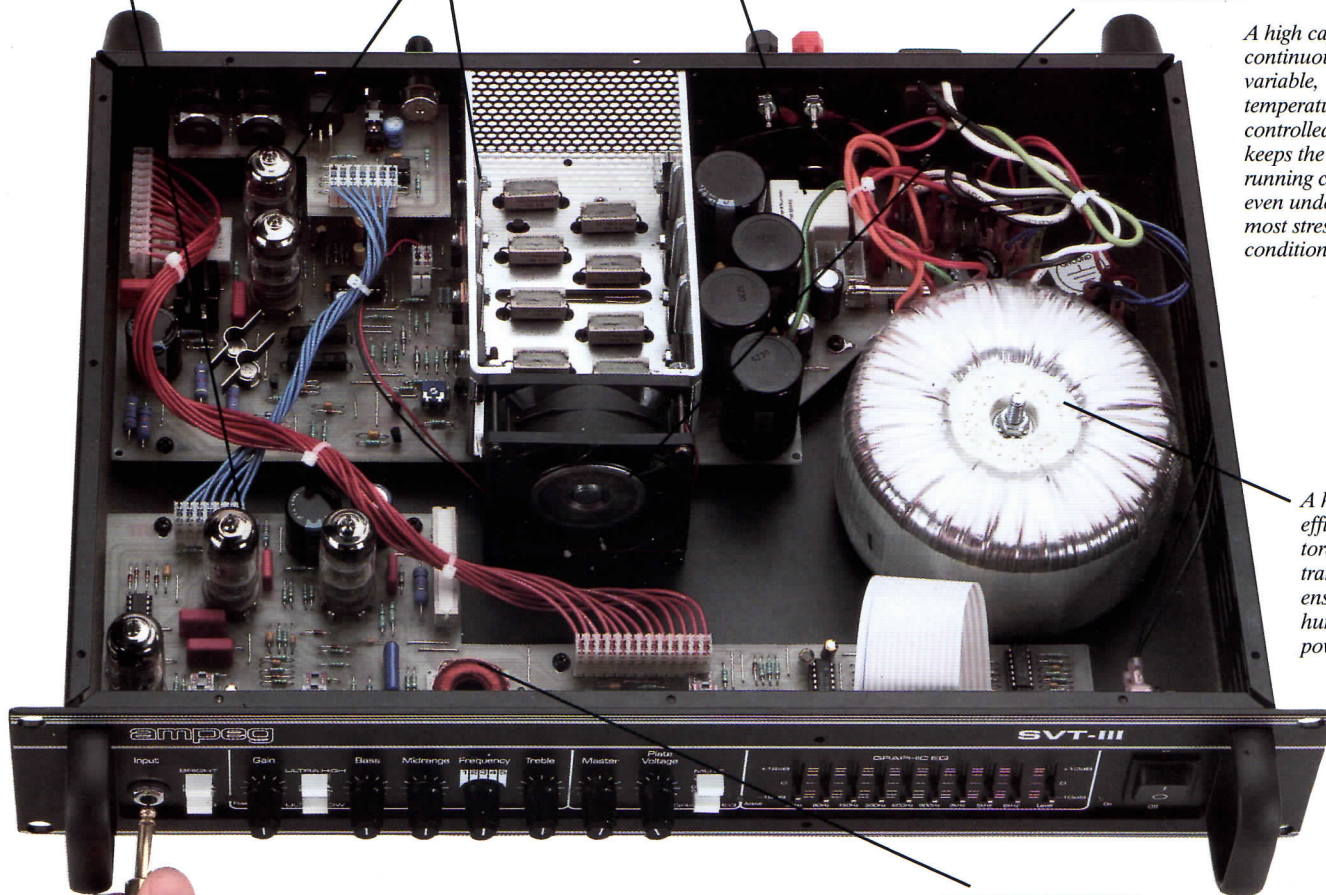
All-tube preamp yields a sound that has made Ampeg the bass standard for over three decades.



Relay protected outputs eliminate potentially damaging off/on "thump."



A high capacity, continuously variable, temperature controlled fan keeps the unit running cool even under the most stressful conditions.



A highly efficient toroidal power transformer ensures pure, hum-free power.

Like the SVT-II, the SVT-III-PRO incorporates a toroidal mid inductor for accurate boosting/cutting of the mids.



Bass Heads/Preamps

	SVT-II	SVT-III-PRO	SVT-IIP	SVT-400TH	SVT-200TH	B-1R
Power Output	300 @ 4 ohms 300 @ 2 ohms Norm & Bright	450 @ 4 ohms 275 @ 8 ohms Norm (+ Bright switch)	n/a	200/side @ 4 ohms 400 @ 8 ohms bridged 0 dB & -15 dB	350 @ 4 ohms 200 @ 8 ohms Norm & Bright	150 @ 4 ohms Norm (-20 dB pad switch)
Inputs			Norm & Bright			
Primary EQ						
Low	± 12 dB @ 40 Hz	± 12 dB @ 40 Hz	± 12 dB @ 40 Hz	± 16 dB @ 40 Hz	± 10 dB @ 62, 125 Hz	± 9 dB @ 40 Hz
Mid	± 20 dB @	± 16 dB @	± 20 dB @	± 11 dB @	± 13 dB @	± 8 dB @ 200-600 Hz
Mid Select	220, 450, 800, 1600, 3000 Hz	220, 450, 800, 1600, 3000 Hz	220, 450, 800,	Variable 320-1200 Hz	300, 400, 600, 850	± 9 dB @ 80 Hz
High	± 12 dB @ 4K Hz	± 12 dB @ 4K Hz	± 12 dB @ 4K Hz	± 11 dB @ 10K Hz	± 15 dB @ 1700, 4K Hz	± 9 dB @ 5K Hz
Ultra Low	-20 dB @ 600 Hz	-12 dB @ 600 Hz	-20 dB @ 600 Hz	+9 dB @ 40 Hz	+9 dB @ 40 Hz	+6 dB @ 50 Hz
Ultra High	± 20 dB @ 8K Hz	± 10 dB @ 10K Hz	± 20 dB @ 8K Hz	+12 dB @ 10K Hz	+12 dB @ 10K Hz	+8 dB @ 10K Hz
Secondary EQ	Graphic EQ	Graphic EQ	Graphic EQ	Graphic EQ	n/a	Rotary
	± 12 dB 60, 100, 250, 750, 2000, 5000 Hz	± 12 dB 33, 80, 150, 300 600, 900, 2H, 5K, 8K Hz	± 12 dB 60, 100, 250, 750, 2000, 5000 Hz	± 24 dB @ 62, 150, 325, 700, 1700, 5000 Hz	-9 dB @ 500 Hz	+8 dB @ 10K Hz
Limiter	n/a	n/a	n/a	Yes	Yes	Yes
Bi-amp Controls	n/a	n/a	n/a	Frequency and Balance	Frequency and Balance	n/a
Bi-amp Out Jacks	n/a	n/a	n/a	Low & High	Low & High	n/a
Frequency Select	n/a	n/a	n/a	100-1000 Hz	100-1000 Hz	n/a
Line Level Control	No	Yes	Yes - 0 & -12 dB	Yes	Yes	No
Effects Send/Return	No	Yes	No	Mono and Stereo	Yes	Yes
Preamp Out	Yes	Yes	Yes	Yes x 2	Yes	Yes
Power Amp In	Yes	Yes	n/a	Yes x 2	Yes	Yes
XLR Balanced Out	Yes (pre/post EQ)	Yes (pre/post EQ)	Yes (pre/post EQ)	Yes	Yes	Yes
Footswitch Jacks	G. EQ off/on	G. EQ off/on/Mute	G. EQ off/on	G. EQ Off/On	G. EQ off/on	Solo off/on
Convenience Outlet	Yes	Yes	No	No	Yes	No
Polarity Switch	Yes	No	No	Yes	Yes	No
Dimensions	19" x 14" x 7"	19" x 15" x 3-1/2"	19" x 7" x 1-3/4"	19" x 15" x 5-1/4"	24" x 12-3/4" x 10-3/4"	19" x 13" x 1-3/4"
Weight	85 lbs	26 lbs	7 lbs	40 lbs	53 lbs	15 lbs

Lead Combos

	VH140C	VL503
Number of Speakers	2-12"	1-12"
Ampeg Speakers	Ampeg Custom	Ampeg Custom
Premium Speakers	Celestion G12K-85	Celestion Custom/EVM12L
Power Output	70/side @ 8 ohms 100/side @ 4 ohms	75 @ 4/8 ohms with 6550s (50 with EL34 tubes)
Inputs	0 dB, -6 dB	0 dB
Input Impedance	220K, 44K ohms	1 meg ohms
Channel One EQ		
Bass	12 dB @ 100 Hz	15 dB @ 40 Hz
Mid	18 dB @ 1000 Hz	9 dB @ 560 Hz
Treble	8 dB @ 3500 Hz	16 dB @ 5000 Hz
Channel Two/Channel Three EQ		
Bass	30 dB @ 50 Hz/ n/a	15 dB @ 40 Hz/10 dB @ 40 Hz
Mid	13 dB @ 1500 Hz/ n/a	9 dB @ 560 Hz/14 dB @ 750 Hz
Mid Boost/Mid Select	n/a	10 dB @ 700 Hz/ n/a
Treble	20 dB @ 7000 Hz/ n/a	16 dB @ 5000 Hz/5 Position/5 dB @ 5K HzHz
Bright	8 dB @ 10K Hz/ n/a	n/a
Presence		10 dB @ 5K Hz
Reverb Controls	Dual	Three
Effects Loop	Yes	Yes
Footswitch	Channel/Reverb/Chorus	Channels 1, 2, 3/Reverb/Effects
AC Convenience Outlet	Yes	No
Polarity Switch	Yes	No
Dimensions	20-1/2" x 27-1/2" x 12"	20" x 21-1/2" x 12"
Weight	80 lbs	75 lbs

Bass Combos

	B-1
Speakers	1-12" and horn
Power Output	150 @ 4 ohms
Inputs	Norm (-20 dB pad switch)
Primary EQ	
Low	± 9 dB @ 40 Hz
Mid	± 8 dB @ 200-600 Hz
High	± 9 dB @ 80 Hz
Tone Shifts	± 11 dB @ 10K Hz
	± 9 dB @ 5K Hz
Ultra Low	+6 dB @ 50 Hz
Ultra High	+8 dB @ 10K Hz
Secondary EQ	Rotary
	-9 dB @ 500 Hz
	+8 dB @ 10K Hz
Line Level Control	No
Effects Send/Return	Yes
Preamp Out	Yes
Power Amp In	Yes
XLR Balanced Out	Yes
Footswitch Jacks	Yes (Solo off/on)
Polarity Switch	No
Dimensions	21" x 13" x 18"
Weight	63 lbs

Bass Enclosures

	SVT810E	SVT1540E	SVT410E	SVT1510E	SVT15E	SVT210E
Component 1						
Size	8-10" Cone	1-15" Cone	4-10" Cone	1-15" Cone	1-15" Cone	2 - 10" Cone
Voice Coil	2"	2"	2"	2.5"	2.5"	2"
Magnet Wt.	30 oz.	20 oz.	30 oz.	56 oz.	80 oz.	30 oz.
Component 2						
Size	n/a	4-10" Cone	Horn/Driver	1-10" Cone	n/a	Horn/Driver
Voice Coil		2.5"	1"	2"		1"
Magnet Wt.		56 oz.	8 oz.	30 oz.	n/a	8 oz.
Component 3						
Size	n/a	Horn/Driver	n/a	Horn/Driver	n/a	n/a
Voice Coil		1"		1"		
Magnet Wt.		8 oz		8 oz.		
RMS Handling	350 watts	400 watts	250 watts	175 watts	200 watts	200 watts
Program Handling	700 watts	800 watts	500 watts	350 watts	400 watts	400 watts
Frequency Response (-3dB)	40 - 5K Hz	50 - 15K Hz	60 - 15K Hz	70 - 15K Hz	50 - 5K Hz	60 - 15K Hz
Useable Low Frequency (-10dB)	30 Hz	40 Hz	50 Hz	50 Hz	40 Hz	50 Hz
Nominal Impedance	4 ohms	2, 8/2 x 4 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Sensitivity	114 dB	118 dB	106 dB	106 dB	103 dB	103 dB
Maximum SPL	140 dB	143 dB	130 dB	128 dB	127 dB	127 dB
Crossover Frequency	n/a	4K Hz	4K Hz	4K Hz	n/a	4K Hz
Dimensions	26" x 48" x 16"	26" x 48" x 16"	24" x 25" x 16"	24" x 27" x 16"	24" x 22" x 16"	24" x 18" x 16"
Weight	165 lbs	155 lbs	95 lbs	87 lbs	80 lbs	60 lbs