

Statement Phono

Preamplifier

The VAC Statement Phono Amplifier is designed for extreme applications. On the back panel there are two DC umbilical cords and large Amphenol aerospace connectors, a reminder of the massive dual mono power supply. There are inputs for four independent phono sources. In addition, each input may be of the conventional single-ended type or may be fully balanced.



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Features

The front panel features a large, machined knob for the four-position selector switch. Another large knob selects overall gains of 52 dB, 70 dB, or 76 dB to match virtually all moving magnet and moving coil cartridges. Smaller knobs provide full control of load impedance, load capacitance, and stereo or mono operation.

The eight twin triode vacuum tubes employed in the various Class A1 audio stages are made with the finest-grade parts, such as 'naked' metal foil resistors. The RIAA equalization is achieved without negative feedback, preserving the organic nature of the sound.

The massive, separate power supply is a dual mono design with substantial energy storage and high inherent regulation. Both resistive and inductive elements are used in concert with high-speed capacitor assemblies for the high voltage supplies, while active voltage stabilization is included in the four heater supplies and the 12-volt trigger supply.

A wide range of magnetic core materials and magnet wires were tested and auditioned, including different winding structures, silver and copper magnet wires, and mu metal and amorphous cobalt cores, to determine the ideal combination for the world's finest phono stage.

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 VAC

Valve Amplification Company

1911 East Avenue North

Sarasota, FL 34234

Telephone (941) 952 9695

Fax (941) 952 9691

vac-amps.com

Specifications

*Specifications subject to change without notice.

STATEMENT PHONO PREAMPLIFIER	
TUBES	6x 12AX7 2 x E88CC/6922, ECC88/6DJ8, or 7308
GAIN	52 dB MM (low gain) 70 dB MC (medium gain) 76 dB MC (high gain) Up to 6 dB greater gain available on special order
FREQUENCY RESPONSE	RIAA standard +/- 0.2 dB (20 Hz - 20 kHz) -3 dB bandwidth 10 Hz - 80 kHz
CHANNEL SEPARATION	> 84 dB @ 1 kHz
MAXIMUM INPUT	> 130 mV @ 1 kHz, MM (low gain); >500 mV @ 10 kHz > 16 mV @ 1 kHz, MC (medium gain) > 8 mV @ 1 kHz, MC (high gain)
LOAD IMPEDANCE	MM, 47k Ohms MC (medium gain), selectable 400, 300, 200, 150, 100, or 50 Ohms MC (high gain), selectable 100, 75, 50, 38, 25, or 13 Ohms
LOAD CAPACITANCE	MM, 1, 100, 120, 150, 180, or 220 pF
RESIDUAL NOISE	Less than 3mV at output (s/n ratio > 74 dB)
ABSOLUTE PHASE	Does not invert absolute phase
MAXIMUM OUTPUT	> 8 V RMS
OUTPUT IMPEDANCE	< 150 ohms, 20 Hz - 20 kHz, static (i.e., not dependent upon feedback)
RECOMMENDED OUTPUT LOAD	> 300 ohms
POWER	External power supply, dual detachable umbilical cable (dual mono design), detachable IEC power cord
VOLTAGE	May be ordered for 100v, 120v, 220v, or 230/240v operation
ILLUMINATION	Illuminated logo may be switched to bright, dim, or off.
FINISH	Hand-rubbed gold-flake gloss black lacquer with chrome knobs standard. Hand-rubbed metallic gloss silver lacquer with chrome knobs special order with additional cost.
WARRANTY	Two years parts and labor, excluding tubes (USA, see manual for full details)
DIMENSIONS (H X W X D)	Audio chassis (not including knobs and connectors): 7 x 17.7 x 16.15 in. Power supply (not including connectors): 5.8 x 17.7 x 16.15 in.
WEIGHT (WITHOUT SHIPPING MATERIALS)	phono stage chassis 56 lbs. power supply 64 lbs

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