

Statement 450 iQ Monoblock Power Amplifier

The Statement iQ power amplifier is the first in a series of VAC components featuring the patented* VAC iQ Intelligent Continuous Automatic Bias System. The VAC iQ System builds on the unprecedented performance of the original Statement Series and takes it to a whole new level with a set of critical enhancements.



Download individual images from the VAC Media Room.

Features

The VAC iQ System is the result of 18 years of research and development by the engineers at VAC, and represents the first time in history that each tube in the output stage of a vacuum tube amplifier can be held precisely at the optimal bias point (underlying true quiescent current) at all times, regardless of how loudly or softly the music is playing. The result is sound that is always the best it can be, reduced distortion and noise, longer tube life, elimination of gas current 'run away' tubes, and increased reliability, all without any effort by the user. The VAC iQ System also alerts you when a tube is

growing weak or has failed. In short, tube drama is a thing of the past.

The Statement iQ power amp also features newly improved output transformers (56 pounds per monoblock!) with smoother, more extended frequency response. Input signal handling has been changed to a more pure, direct connection. Various changes to the power supply and chassis materials compliment and support the iQ system and circuit refinements.

**U.S. patent number 8,749,310. Worldwide patents pending.*



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 450 IQ MONOBLOCK POWER AMPLIFIER	
WATTAGE	450
GAIN	39 dB, SE 33 dB, balanced
FREQUENCY RESPONSE	4 Hz to 75 kHz
POWER BANDWIDTH	20 Hz to 70 kHz
INPUTS	Single-ended input via RCA jack, non-inverting Balanced input via XLR jack, non-inverting relative to pin 2 (pin 2 hot", traditional EI/RCA broadcast/recording standard); amp is fully balanced in this mode
OUTPUTS	Connections to precisely match loudspeaker loads of 2, 4, and 8 ohms
TUBES	8x KT88 5x 6SN7
RESIDUAL NOISE	Typically 700 microvolts at the speaker terminals
VOLTAGE	May be factory-configured for operation at 100, 120, 220, or 230/240 volts
POWER CORD	Detachable power cord, standard IEC power receptacle
12-VOLT TRIGGER	included
ILLUMINATION	Illuminated logo may be switched 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 connectors): 9.75 x 17.8 x 18.25 in. (24.8 x 45.2 x 46.4 cm.) Power supply (not including connectors): 5.5 x 17.8 x 18.25 in. (14 x 45.2 x 46.4 cm.)
SHIPPING WEIGHT	Audio chassis: 130 lbs. (59.1 kg.) Power supply: 85 lbs. (38.6 kg.)



Download individual images from the VAC Media Room.



Valve Amplification Company

1911 East Avenue North
Sarasota, FL 34234
Telephone (941) 952 9695
Fax (941) 952 9691
vac-amps.com