The C2200, which utilizes vacuum tubes to provide all signal amplification, delivers an unsurpassed sonic experience.

Unlike a simple rehash of yesterday's news, the C2200 is an entirely new design that combines the benefits of advanced technology with classic vacuum tube audio performance.

Unaffected by amplifier type—tube or solid state—the C2200 will enhance the performance of any system while providing a host of sophisticated operational features.
C2200 Vacuum Tube Stereo Preamplifier

EIGHT PROGRAMMABLE SOURCE SELECTIONS

All eight source selections accommodate unbalanced inputs while four of the eight also accommodate balanced inputs. Any of 12 standard names can be assigned to a source selection and the panel display can be customized to indicate only available sources.

SILENT ELECTROMAGNETIC SWITCHING

Signal routing is accomplished through digitally controlled electromagnetic switching devices. Precision switch contacts, isolated from environmental contamination inside inert gas-filled glass tubes, provide the most reliable, quietest and lowest distortion switching possible.

VRV (VARIABLE RATE VOLUME) DIGITALLY CONTROLLED ATTENUATOR

The output attenuator controls volume over 214 steps of .5dB each with accuracy within .1dB. The volume vs. rotation rate varies as preamplifier gain varies and attenuation changes occur at the zero crossings of the audio signal to prevent audible artifacts during adjustment.

TUBE MANAGEMENT AUTO TURN-ON DELAY

Outputs are muted until delay circuits sense the tubes are stabilized which prevents exposure to noise generated by other components.

FREQUENCY RESPONSE
+0, -0.50dB from 20Hz to 20kHz

TOTAL HARMONIC DISTORTION
0.08% maximum from 20Hz to 20kHz

RATED OUTPUT
5 Vrms at MAIN and SWITCHED 1 and 2 Balanced Outputs
2.5 Vrms at MAIN and SWITCHED 1and 2 Unbalanced Outputs

MAXIMUM VOLTAGE OUTPUT
16.0 Vrms at MAIN and SWITCHED Balanced Outputs
8.0 Vrms at MAIN and SWITCHED Unbalanced Outputs

INPUT IMPEDANCE
Phono, Moving Magnet: 47K ohms, 65pf
High Level: Balanced 44K Ohms
Unbalanced 22K Ohms

OUTPUT SOURCE IMPEDANCE
500 Ohms balanced
250 Ohms unbalanced

SENSITIVITY
Phono: 4.5mV for 2.5V out @ 1kHz
High Level: 450mV for 2.5V out

VOLTAGE GAIN
Phono, (MM) to Tape Out: 40dB @ 1kHz
Phono to Main Out: 55dB
High Level to Tape Out: 0dB
High Level to Main Out: 15dB

POWER REQUIREMENTS
100, 120 or 230 VAC, 50-60Hz 70 Watts

DIMENSIONS
Front panel, 17-1/2 inches (44.4 cm) wide, by 7-5/8 inches (19.3 cm) high. Depth is 20 inches (50.8 cm) including clearance for connectors. Knob clearance in front of the mounting panel is 3/4 inches (1.9 cm).

Weight
26.75 lbs (12.1 kg) net
47.75 lbs (21.7 kg) shipping weight

FINISH
The front panel is black glass with gold/teal illuminated nomenclature. The chassis is totally enclosed.