

SLP 05

VACUUM TUBE PREAMPLIFIER

The SLP-05 Vacuum Tube Preamplifier is the most exciting control center available for today's state-of-the-art audio/video systems. In sound quality alone, it transcends all previous Cary Audio Design preamps and elevates both digital and analog sources to their full musical potential.

The SLP-05 is a no compromise line stage and headphone amp. The power supply is vacuum tube rectified and has a 5AR4 vacuum tube rectifier laying on its side inside the unit. The 5AR4 tube has a separate cathode from the filament so any position of mounting is proper. It was chosen to place it horizontal to keep the power supply the same height as the preamplifier.



The preamplifier has eight (8) 6SN7 dual triodes. Four (4) of the 6SN7's act as the true balanced main line section. Two (2) of the 6SN7's are operating in the front end ahead of the gain stage as balanced plus/minus 180 degree input buffer stage. The remaining two (2) 6SN7's function as a class A push-pull zero feedback headphone amplifier. This headphone section amplifier has two on board output transformers to transform the high impedance of the 6SN7's to low impedance for driving the headphones. The volume control is a motorized remote controlled Alps potentiometer. The inputs along with outputs are all controlled by hermetically sealed gold plated relays. There are two balanced inputs per channel along with three single-ended RCA's.

The SLP-05 is engineered and built to provide a lifetime of musical enjoyment with facilities and features that ensure future compatibility and audiophile performance for many years to come.

**THE SLP-05 IS THE
PREAMP OF CHOICE
FOR EXCEPTIONAL
SOUND
THAT RIVALS
LIVE PERFORMANCE.**

Highlights

- Fully balanced, full-featured including vacuum tube headphone stage and power supply.
- Permits "balanced to single-ended" and "single-ended to balance" for the greatest flexibility.

EXPERIENCE THE SOUND

SLP 05

SPECIFICATIONS

Circuit Design	Class A Triode ZERO Feedback Preamplifier Design
Weight	20 lb. preamplifier 20 lb. external power supply
Dimensions	5" H x 17" W x 12" D
Output Operation	2 Volts rated, 23 Volts maximum
Overall Gain	12 dB
Rated Distortion	0.03 % THD
Noise and Hum	-90 dB below full output
Input Impedance	50,000 Ohms - RCA 100,000 Ohms - XLR
Output Impedance	400 Ohms
Frequency Response	5 Hz to 163,000 Hz
Vacuum Tubes	8 ea - 6SN7 octal tubes for the balanced, headphone and gain stages
Power Transformer(s)	EI Laminate, 200% Duty Cycle
Resistors	1% Metal Film
Capacitors	Polystyrene, Film and Foil, (Optional copper oil and foil capacitors)
Power Supply Capacitors	4 ea - 560µF @ 400 VDC
AC Cord	3 Conductor, Detachable
AC Power Requirements	117 or 234 VAC @ 50 or 60 Hz
Consumption	75 Watts - Operation, 25 - Standby
Warm-Up Time	3 minutes
Break-In Time	100 hours of playing time
Finish	Silver color anodized solid aluminum faceplate and a Jaguar® Anthracite Black clear coat finish on a solid steel chassis.
Features	Remote volume control and muting. Includes one Cinema Bypass, one tape monitor loop, one XLR balanced stereo input, three RCA stereo inputs, one XLR balanced and two RCA pairs of preamplifier outputs. The matching chassis size external power supply comes with 5AR4 vacuum tube voltage rectification and has two front panel meters for the circuit voltage and the bias readings. Timer warm up circuit that allows safe use with 'rapid turn on' solid state power amplifiers. Headphone power amplifier using two 6SN7 octal vacuum tubes coupled through audio transformers to produce 1/2 watt per channel.



Top View



Preamplifier - Back



Power Supply - Back

Due to ongoing development, specifications are subject to change or improve without notice or obligation.