



CAD 120S MKII *stereo power amplifier*



The stereo vacuum tube power amplifier has a great history at Cary Audio Design. The previous generation CAD 120S, Rocket 88R, and V 12R power amplifiers garnered fantastic reviews for stable power output, incredible value for the money and sound quality along with 'Best Buy' and 'Class A' ratings from magazines and reviewers worldwide. Building on this storied legacy, we are releasing the next generation CAD 120S MKII stereo vacuum tube power amplifier. This innovative stereo power amplifier is rated at 60 watts per channel in triode mode and 120 watts per channel in ultra linear mode into an 8 ohm speaker load.

Full rated output power is from 17 Hz to 23 kHz with less than 1% total harmonic distortion. The output stage may be switched 'on the fly' from triode mode to ultralinear mode by using a front panel selector button. There are LED lights above the mode selection button to show which mode the power amplifier is working in for visual confirmation.

The vacuum tubes in each channel consist of one (1) 6SN7 for the input stage, one (1) 6SN7 for the driver stage and four (4) KT 88 output power tubes. The circuit is a Pure Balanced design with separate RCA and XLR inputs. A soft start turn on circuit is built-in for long life and easy turn on in large systems. The power supply features 1120 µF of capacitance per channel for ample reserves in demanding usages. The output transformers and the power transformer have a single cover painted to match the chassis.

The backlit front panel meters indicate the circuit bias setting for each channel and visually indicate proper operation for the CAD 120S MKII amplifier.

SPECIFICATIONS ...

Circuit Type	Class AB, push-pull amplifier, Ultralinear or Triode mode operation with a front panel selector switch
Power Output	Ultralinear - 120 watts per channel Triode - 60 watts per channel
Inputs	XLR balanced or RCA single-ended
Input Impedance	100K both RCA and Balanced
Noise and Hum	-80 dB
Frequency Response	17 Hz - 25 KHz flat response @ 1 watt
Tubes	2 - 6SN7 input gain stage 2 - 6SN7 driver tubes 8 - KT 88 output tubes
Power Transformer	EI High voltage & bias supply EI laminate
Output Transformer(s)	Special bifilar wound 150 watt rating unit in each channel
Gain	28 dB
Sensitivity	1.24v
Power Supply Capacitors	4 x 560 µF
Speaker Posts	Cary gold plated copper, 5-way binding
AC Cord	3 Conductor, Detachable
AC Power	117 VAC @ 50/60 Hz 234 VAC @ 50/60 Hz
Warm-Up Time	3 minutes
Break-In Time	100 hours of playing time
Finish	Jaguar Anthracite black with clear coat finish, silver anodized aluminum face-plate standard (black optional)
Weight	65 lbs
Dimensions	8" H x 17" W x 14" D



the **CLASSIC** series
CARY AUDIO DESIGN

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