

CLASSIC  
SIXTY-TWO  
and  
CLASSIC  
ONE-TWENTY  
Vacuum-Tube  
Power Amplifiers

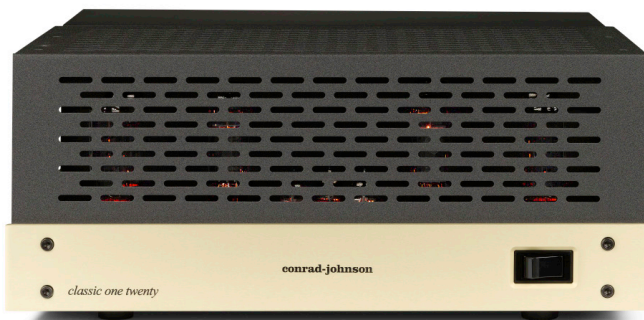
The conrad-johnson design team is committed to adapting the advances from our state-of-the-art pursuits to more affordable offerings accessible to a wider range of music lovers. This resolve is clearly evident in our new range of *Classic* amplifiers. Borrowing heavily on the technology of our flagship ART amplifier, the *Classic* amplifiers preserve the distinctive tonal character of indi-

vidual instruments and voices, with each clearly located within the overall acoustical environment of the original recording. Musical transients are reproduced with realistic impact, but without artificial enhancement. Like their more costly siblings, the *Classic* amplifiers capture the emotional impact of the live event, never getting between the listener and the musical performance.

conrad-johnson It just sounds right.







There really is no mystery to our chosen path to outstanding musical performance: best results come from simple circuits executed with quality parts. The circuit design for the *Classic* amplifiers is about as simple as possible, employing just seven vacuum-tubes in the *Classic Sixty-Two*. Single-ended triode voltage gain and inverter stages are coupled to an output stage comprised of a single pair of ultra-linear operated EL34 tubes for each channel. The *Classic One-Twenty* adds a second pair of output tubes to each channel to achieve twice the output power. Simple but highly effective discrete voltage regulators supply rock-solid stable DC voltage to the critical voltage gain and inverter stages. And speaking of simple, maintenance of the *Classic* amplifiers could hardly be easier: the owner need only make a simple bias adjustment using the built in bias indicators when installing fresh output tubes.

The use of premium quality component parts is the other half of the conrad-johnson recipe for superior musicality. In this area as well, the *Classic* amplifiers are leaders in their class. Precision, metal-film resistors yield low noise performance for greatest clarity. Polypropylene and polystyrene capacitors, chosen to achieve a high degree of temporal

## Specifications:

Power:

CL62 & 62SE:

60 Watts per channel from 30 Hz to 15 KHz  
at no more than 1.5 % THD, both channels  
driven into 4 Ohms

(also available connected for 16 Ohm loads)

CL120 & 120SE:

125 Watts per channel from 30 Hz to 15 KHz  
at no more than 1.5 % THD, both channels  
driven into 4 Ohms

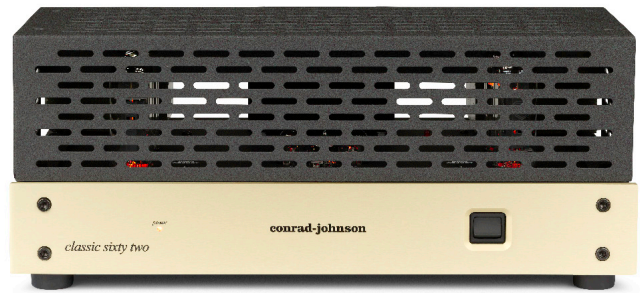
(also available connected for 8 or 16 Ohm loads)

Sensitivity:

CL62 & 62SE: 0.6 V rms to rated power

CL120 & 120SE: 0.9V rms to rated power

Every conrad-johnson *Classic* amplifier is patiently and carefully hand assembled, then individually inspected and its performance verified by an experienced audio technician. The owner is protected by our three year limited warranty covering labor and parts except vacuum-tubes and fuses. Service is a top priority at conrad-johnson. In the event that a product does require service, it will be handled promptly and efficiently.



accuracy, are specified for both the audio circuits and the regulated plate voltage supplies for the input and inverter stages. The result is an exceptional range of dynamics – reproducing both subtle variations in level as well as dramatic loud crescendos. Our proprietary trans-spectral wide-bandwidth output transformers contribute importantly to the extended, “airy” highs that help distinguish the *Classic* amplifiers from ordinary tube amplifiers.

The base model *Classic* amplifiers offer an ideal introduction to the joys of modern tube amplifiers, while the ease of use, low maintenance costs, and reliability will be a revelation for those who have only experienced “entry-level” tube gear. Those who wish to take the experience a step further will want to investigate the upgraded *Classic Sixty-Two SE* and *Classic One-Twenty SE* amplifiers. These special edition versions upgrade the output tubes to KT120s and incorporate CJD Teflon Capacitors and ultra high-performance metal foil resistors in strategic applications in the circuit. Any of the *Classic* amplifier models are sure to rekindle your passion for enjoying great music in your home.

Frequency Response (at 10 watts):

20 Hz to 20 kHz, +/- .3 dB

Hum and Noise: 96 dB below rated power

Phase: phase correct

Input Impedance: 100 kOhms

Tube Complement:

CL62: 3 x 6922, 4 x EL34

CL62SE: 3 x 6922, 4 x KT120

CL120: 3 x 6922, 8 x EL34

CL120SE: 3 x 6922, 8 x KT120

Dimensions in inches:

CL62 & 62SE: 13.375D x 17.375W x 6.625H

CL120 & 120SE: 18.88D x 19W x 7.63H

Weight:

CL62 & 62SE: 44 lb. net

CL120 & 120SE: 75 lb. net

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