

Evolution 302



The drive, power and finesse of Krell Evolution in a potent, 300-watt per channel platform. Custom, all-aluminum chassis is available in luxurious silver or black anodized finish.

KRELL
THE LEADER IN AUDIO ENGINEERING

KRELL Design Features: Evolution 302 Power Amplifier

POWER

- Class A, balanced, and Krell Current Mode topology
- New, 2-stage, cascoded current mirror input stage features LED voltage references that operate with 3 x less distortion for dramatic increase in linearity.
- Low feedback topology — only 8 dB of feedback is utilized
- Push-pull output stage features 10 pairs of high speed output transistors
- Driver stage is a push-pull configuration and is built to resemble a miniature output stage. This unique circuit drives the load when the audio signal is at the zero-crossing. Notch distortion is effectively eliminated.
- A 3000 W linear design power supply features a massive toroidal transformer, four 35 amp bridge rectifiers, and 110,000 microfarads of filter capacitance, guaranteeing ample current under the most demanding circumstances. A second low current transformer stabilizes voltage for ultra-quiet operation.

- Internal high current line conditioning circuitry filters RF noise on the AC mains, as well as compensating for asymmetric power waveforms and DC on the mains.
- A protection circuit shuts the amplifier down if short circuit or over-temperature conditions are detected.

CONNECTIONS

- 12 V trigger controllable
- CAST, voltage balanced, and single-ended inputs
- Evolution CAST, which stands for current audio signal transmission, is a proprietary method of sending the audio signal between components in the current domain, from a high impedance transmitter to a low impedance receiver. Krell components connected in Evolution CAST act together as an electrically unified whole, free from the deleterious effects normally imposed by the connecting cables.



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*All operational features, functions, specifications, and policies
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