

KRELL

THE LEADER IN AUDIO ENGINEERING

Krell Industries, Inc. designs and manufactures high performance audio and video equipment for serious music enthusiasts and home theater aficionados. Each component is a unique synthesis of science and art that allows for unmatched sonic realism. Recorded performances are, by their very nature, works borne of passion. Our goal is to bring that passion to life in your home.

Krell Master Series products represent the ultimate realization of Krell design and engineering. The Master Reference Amplifier is the result of a truly unfettered design effort that defines the category of Master. Through the rigorous process of designing Master Series products, Krell engineers are able to forge the techniques that make the Class A and KAV lines possible.

Class A power amplifier design has been a Krell tradition since the company's inception in 1980. Class A Series components are performance leaders in their respective product categories. Featuring incomparable build quality and superior circuit topologies, Class A products are the driving force of reference quality audio systems worldwide.

KAV Series products incorporate the core elements of Krell engineering to deliver the highest quality and performance demanded by today's dynamic marketplace. The award winning KAV-300i and Home Theater Standard are leaders of a complete series of audio and video components that deliver Krell performance and outstanding value for contemporary home entertainment systems.

MASTER SERIES



MRA
Master Reference Amplifier

The Master Reference Amplifier is the latest evolution of Dan D'Agostino's passion for the research and development of reference caliber, high power, high resolution monaural amplifiers. The MRA is capable of generating near-lifelike sound pressure levels, tonal accuracy and resolution of detail. It's purpose is to provide unlimited power with absolute accuracy for the ultimate control of any loudspeaker.



MRS
Master Reference Subwoofer

The Master Reference Subwoofer is without peer among low-end transducers. With a specially tuned, 2600 Watt Krell amplifier at its heart, the Master Reference Subwoofer is capable of devastating bass reproduction. It's 1" thick aluminum housing is impeccably finished and loaded with two 15" high-excursion drivers. Equipped with a Krell designed, active, fully programmable built in crossover, the Master Reference Subwoofer is at home in the most exotic music and home theater systems alike.

CLASS A SERIES



Full Power Balanced 650Mc Monaural Power Amplifier

650 W, 1300 W, 2600 W (8, 4, 2 Ω)
Class A circuitry, CAST technology,
Sustained Plateau Bias II.
12.7 x 10.3 x 26.5 in. / 32.3 x 26.1 x
67.4 cm (WHD)
140 lb. / 63.5 kg



Full Power Balanced 350Mc Monaural Power Amplifier

350 W, 700 W, 1400 W (8, 4, 2 Ω)
Class A circuitry, CAST technology,
Sustained Plateau Bias II.
12.7 x 10.3 x 21 in. / 32.3 x 26.1 x 53.4
cm (WHD)
98 lb. / 44.5 kg



Full Power Balanced 250Mc Monaural Power Amplifier

250 W, 500 W, 1000 W (8, 4, 2 Ω)
Class A circuitry, CAST technology,
Sustained Plateau Bias II.
12.7 x 10.3 x 26.5 in. / 32.3 x 26.1 x
45.8 cm (WHD)
68 lb. / 31 kg



Full Power Balanced 600c Stereo Power Amplifier

600 W, 1200 W, 2400 W (8, 4, 2 Ω)
Class A circuitry, CAST technology,
Sustained Plateau Bias II.
19 x 10.3 x 27.4 in. / 48.3 x 26.1 x
69.6 cm (WHD)
180 lb. / 81.7 kg



Full Power Balanced 300c Stereo Power Amplifier

300 W, 600 W, 1200 W (8, 4, 2 Ω)
Class A circuitry, CAST technology,
Sustained Plateau Bias II.
19 x 10.3 x 21.5 in. / 48.3 x 26.1 x 54.7
cm (WHD)
110 lb. / 50 kg



Full Power Balanced 200c Stereo Power Amplifier

200 W, 400 W, 800 W (8, 4, 2 Ω)
Class A circuitry, CAST technology,
Sustained Plateau Bias II.
19 x 10.3 x 18.7 in. / 48.3 x 26.1 x 47.5
cm (WHD)
90 lb. / 50 kg



KPS 25sc Krell Playback System

CD transport, 24-bit/96K DAC, integrat-
ed digital and analog preamplifier.
CAST technology, Krell Current Mode,
balanced circuitry, Theater Throughput.
19 x 5.3 x 15.4 in. / 48.3 x 13.3 x 39.1
cm (WHD)
45 lb. / 20.5 kg



KPS 28c Compact Disc Player

24-bit DAC, CAST technology, Krell
Current Mode, balanced circuitry, 12
VDC trigger.
18.5 x 4.5 x 14.5 in. / 47 x 11.5 x
37 cm (WHD)
17.75 lb. / 8 kg



KCT Krell Current Tunnel Stereo Preamplifier

CAST technology, balanced circuitry.
Menu display with remote control.
Dual zone, RS-232, Theater
Throughput.
18.5 x 4.5 x 14.5 in. / 47 x 11.5 x
37 cm (WHD)
20 lb. / 9 kg

All power ratings are per channel

HOME THEATER PROCESSORS

Audio + Video Standard Surround Sound Preamp/Processor

Class A preamplifier circuitry, Dolby Digital, DTS, Dolby Pro Logic, balanced circuitry, S-Video and composite, inputs/outputs ISF certified video stage.
19 x 6.8 x 17 in. / 48.3 x 17.2 x 43.2 cm (WHD)
24 lb. / 11 kg



Home Theater Standard Surround Sound Preamp/Processor

Class A preamplifier circuitry with Krell Current Mode topology. Balanced circuitry, upgradable hardware and software. Two zone operation, RS-232, PHAST Link, 12 VDC trigger, S-Video, Composite Video inputs/outputs.
19 x 6 x 16 in. / 48.2 x 15.2 x 40.6 cm (WHD)



KAV SERIES



KAV-250a Stereo Power Amplifier

250 W, 500 W, 1000 W (8, 4, 2 Ω)
Bridgeable, balanced inputs, 12 VDC trigger.
19 x 16.3 x 15.8 in. / 48.3 x 16 x 39.4 cm (WHD)
43 lb. / 19.5 kg



KAV-150a Stereo Power Amplifier

150 W, 300 W (8, 4 Ω)
Bridgeable, balanced inputs, 12 VDC trigger.
19 x 3.7 x 15.5 in. / 48.3 x 9.2 x 39.4 cm (WHD)
25 lb. / 11.4 kg



KAV-500 Multi-channel Power Amplifier

100 W, 200 W, 400 W (8, 4, 2 Ω)
Configurable from two to five channels. Bridgeable, balanced inputs, 12 VDC trigger.
19 x 6.25 x 17 in. / 48.3 x 16 x 39.4 cm (WHD)
47 lb. / 21.4 kg



KAV-250a/3 Three Channel Power Amplifier

250 W, 500 W, 1000 W (8, 4, 2 Ω)
Bridgeable, balanced inputs, 12 VDC trigger.
19 x 6.3 x 15.8 in. / 48.3 x 16 x 39.4 cm (WHD)
51.5 lb. / 23.4 kg



KAV-500i Integrated Amplifier

250 W, 500 W, 1000 W (8, 4, 2 Ω)
Krell Current Mode, remote control, Theater Throughput, balanced inputs, 12 VDC trigger.
19 x 6.3 x 15.8 in. / 48.3 x 16 x 39.4 cm (WHD)
49 lb. / 22.3 kg



KAV-300i Integrated Amplifier

150W, 300W (8, 4 Ω)
Theater Throughput, remote control, balanced inputs, 12 VDC trigger.
19 x 3.7 x 15.8 in. / 48.3 x 9.2 x 39.4 cm (WHD)
25 lb. / 11.4 kg



**KAV-300r
Stereo Receiver**

150 W, 300 W (8, 4 Ω)
Precision AM/FM tuner, Theater
Throughput, remote control, balanced
inputs, 12 VDC trigger.
19 x 3.6 x 15.8 in. / 48.3 x 9.2 x 39.4
cm (WHD)
27 lb. / 12.3 kg



**KAV-250p
Stereo Preamplifier**

Balanced and single-ended inputs and
outputs. Krell Current Mode, Theater
Throughput, 12 VDC trigger.
19 x 3.5 x 15.5 in. / 48.3 x 8.9 x 39.4
cm (WHD)
13 lb. / 5.9 kg



**KAV-300cd
Compact Disc Player**

Krell Current Mode, full disc clamping
mechanism, balanced outputs, 20-bit
DACs, 12 VDC trigger.
19 x 4.6 x 15 in. / 48.3 x 11.7 x
38 cm (WHD)
22 lb. / 10 kg



**KAV-250cd
Compact Disc Player**

Balanced outputs, 20-bit DACs,
12 VDC trigger.
19 x 3.7 x 15 in. / 48.3 x 9.4 x
38 cm (WHD)
18 lb. / 8.2 kg

TECHNOLOGIES & INNOVATIONS

Krell CAST

CAST, Current Audio Signal Transmission, is a Krell proprietary technology for connecting analog components that provides the most accurate signal transfer from one component to the next. It utilizes the sonic purity of current and eliminates signal degradation caused by cable interaction while transmitting signals in voltage.

Krell Current Mode

A topology designed by Krell and used in amplifier, preamplifier and source components circuitry to ensure accurate signal reproduction. The gain stages achieve high current drive capability without resorting to large signal transistors that invariably increase noise and distortion.

Sustained Plateau Bias II

A patented microprocessor control system that maintains Class A bias operation regardless of the musical demand. Class A bias is the most accurate method to amplify musical signals. Sustained Plateau Bias II maximizes an amplifier's efficiency both in power consumption and heat generation.

Theater Throughput

The unique Theater Throughput feature facilitates easy integration of Krell stereo preamplifiers and integrated amplifiers into home theater systems. In Theater Throughput mode, the main output signal from an external surround sound processor bypasses the volume and balance controls, providing a direct connection to the amplifiers powering the front left and right speakers.



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