



KAV-250cd

*Front Loading
Compact Disc
Player*



Significantly Krell®.

Highlights

- High performance analog circuitry delivers exclusive Krell® sound quality.
- Class A direct coupled, complementary output circuitry provides both balanced and single-ended outputs.
- High-precision disc transport mechanism allows the KAV-250cd to outperform more expensive models by other manufacturers.
- High-resolution, 20-bit Digital-to-Analog Converters for widest dynamic range, fastest conversion, and lowest noise.
- HDCD®¹ decoding via a Pacific Microsonics PMD 100 decoder/digital filter.
- Remote control operation includes hand-held remote and rear-panel system connectors.
- Center-mounted, front loading mechanism allows the KAV-250cd to be stacked with other components.

*The new
standard for
value in high
performance
CD players*

Krell® Sound Quality

The Krell® KAV-250cd Front Loading Compact Disc Player establishes a significant new standard of value in high-end audio components. This high-performance CD player draws on a heritage of advanced design that began in 1980, when C.E.O. Dan D'Agostino introduced his breakthrough circuit. The KAV-250cd delivers high levels of sonic performance, build quality, and elegant appearance at a price that puts Krell® quality within the reach of every serious music lover.

CD TRANSPORT

A true member of the highly popular KAV-Series, the KAV-250cd's interior design and construction identify it as a Krell® in every regard. Quality begins with an advanced center-mounted, front loading transport. This transport mechanism features a linear motor drive for the laser assembly, and its performance is enhanced by highly effective shock and vibration isolation. The results are superior retrieval of the disc data, and crystal clear sound with pin-point imaging.

DIGITAL CIRCUITRY

The KAV-250cd employs a Krell® designed low-jitter master clock oscillator to control the operation of all of the digital circuitry. This master clock reference assures extremely high resolution performance from the KAV-250cd's digital circuitry. The digital serial data stream from the transport is processed through buffer memory and demodulation/deinterleaving circuitry, and is sent to a Pacific Microsonics PMD 100 HDCD®¹ decoder/digital filter. The PMD 100's advanced filter and processing circuitry provide HDCD®¹-compatible playback, as well as high resolution 20-bit data output from conventional compact discs. The PMD 100's performance is an important contributor to the overall resolution and clarity achieved by the Krell® design team in the KAV-250cd.

CONVERTERS & ANALOG CIRCUITRY

The digital output from the HDCD®¹ decoder/digital filter goes to a separate Burr-Brown® PCM-1702 Digital-to-Analog Converter (DAC)

for each audio channel. This exceptional DAC is one of Burr-Brown's highest-grade parts and is an important reason for the superior sound quality of the KAV-250cd. The current-drive outputs from the high-resolution DACs are amplified in proprietary Krell® analog circuitry to provide ultra-wide bandwidth, low distortion, low noise signals to the KAV-250cd's single-ended and balanced output connections. The KAV-250cd's exceptional circuitry depends on clean, stable power to deliver peak performance. This requirement is fulfilled by high performance Krell® power supplies. Designed for superior regulation and noise filtering, they eliminate unwanted power-related artifacts from the audio signals.

EASE OF USE AND SYSTEM INTEGRATION

The KAV-250cd features a distinctive design with an elegant exterior finish that matches other Krell® KAV-Series components. The faceplate features engraved legends that add to its crisp, clean look and make using the KAV-250cd's controls a pleasure. An easy-to-read display employing high-visibility green readouts provides complete status and control information, and the front loading transport allows the KAV-250cd to be stacked with other components. A handheld remote control included with the KAV-250cd makes operation straightforward and convenient, and it also operates other Krell® components. Integration with advanced whole-house music systems is assured by rear panel remote control connectors that provide power control from 12 VDC trigger signals or from industry-standard RC-5 baseband remote signals.

For the music lover who has desired Krell® sound quality but has hesitated at the cost of Krell® components, the KAV-Series, especially the KAV-250cd, offers significant value. The KAV-250cd provides outstanding audiophile reproduction that has the distinctive hallmarks of Krell® performance: Exceptional clarity, definition, and musicality—the authentic sound of music from Krell®.

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Specifications

FREQUENCY RESPONSE

20 Hz-20 kHz +0.0, -0.35 dB

SIGNAL TO NOISE RATIO

103 dB, "A" weighted

DISTORTION

20 Hz-20 kHz -84 dB THD

POWER CONSUMPTION

30 Watts

TRANSPORT

Drawer loading, mechanically isolated drive mechanism featuring a linear drive laser assembly

DAC

20-bit

ANALOG OUTPUTS

1 pair balanced via XLR connectors
1 pair single-ended
via RCA connectors

DIGITAL OUTPUT

1 S/PDIF via RCA connector

REMOTE CONTROL

Wireless infrared

DIMENSIONS

19w x 3.7h x 15d in.
48.3w x 9.4h x 38.1d cm

WEIGHT

Shipping 28 lbs., 12.7kg
Unit Only 18 lbs., 8.2kg

All operational features, functions, specifications, and policies are subject to change without notification.

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