



KAV-150a

Stereo

Power

Amplifier



Affordably Krell®.

Highlights

- Substantial stereo power output of 150 W/channel into 8 Ohms and 300 W/channel into 4 Ohms assures clean reproduction of any source material.
- Compact size is ideal for traditional stereo, advanced home theater, and whole house, multi-zone distributed audio systems.
- Stereo or monaural capability allows remarkable system configuration flexibility.
- Krell® proprietary output and driver transistors insure extraordinary current capability.
- Discrete differential circuitry provides wide bandwidth, low noise performance for Krell® quality sound.
- Balanced and single-ended inputs provide complete compatibility with any system.
- Remote power turn-on/off capability results in convenient system operation.

Compact

yet robust

power for any

sound system.

Krell® Sound Quality

In the world of power amplifiers, small size traditionally means limited capability. Less than 4" tall, Krell's remarkable KAV-150a power proves the exception by providing robust power in a compact chassis. This unique combination is simply proof of Krell's unparalleled engineering competence.

KRELL® PERFORMANCE

The KAV-150a incorporates the same performance, workmanship, and style that distinguish all Krell® components. The output transistors, for example, are the same bipolar designs used in the critically acclaimed Krell® Full Power Balanced amplifiers. Developed for their exceptional performance, especially at frequency extremes, these devices provide effortless control of even difficult speakers for outstanding sound quality. In addition, the output circuit is carefully designed to insure transient response characteristics that exactly mirror the input signal. Low active feedback guarantees grain-free reproduction of demanding music and film soundtracks to further insure smooth yet detailed reproduction of any source.

KRELL® POWER

A large (400VA) toroid transformer and filter capacitor bank with more than 27,000 µf storage form the basis of a meticulously engineered power supply. Each channel is free to draw on the entire supply when needed. The result is uncompressed reproduction of even the most dynamic material.

There is a particular area in which the KAV-150a excels, it is in the ability to supply current under conditions that would cripple lesser designs. Particularly important in today's world where multi-media sources are often distributed throughout a home, and where low impedance loudspeakers frequently tax amplifiers, the KAV-150a emulates the theoretical "ideal current and voltage source" in its ability to continuously drive loads as low as 2 Ohms. This results from Krell's intimate knowledge of the often-misunderstood rela-

tionship between output section capability and power supply potential. Krell's competence satisfies the listener's concern about the possible sonic effects of an inappropriate match between speaker and amplifier. It also frees the system designer from limitations often imposed by less capable components.

FORM FOLLOWS FUNCTION

The engineering responsible for Krell's long-standing reputation for sound quality and reliability extends to the KAV-150a chassis. Manufactured from aluminum, it provides extraordinary structural rigidity while enhancing efficient heat dissipation, an often-overlooked necessity where many components share limited space with restricted airflow.

FLEXIBILITY AND SYSTEM INTEGRATION

Krell® design flexibility makes the KAV-150a easy to incorporate into any system. Both single-ended (RCA) and balanced (XLR) inputs insure complete compatibility with other components. Heavy duty five-way binding posts provide wide latitude for speaker connections. The KAV-150a also includes remote turn-on/turn-off capability via rear panel 12 VDC trigger connections activated by signals from other KAV-series components. The KAV-150a fits seamlessly into remotely operated systems as well as whole-house, multi-home audio systems. In addition, the KAV-150a offers user-selectable monaural operation where system configurations require extremely high output capability—over 500 watts of pure Krell® power.

THE KRELL® TRADITION

Meticulous craftsmanship, distinctive styling, and outstanding performance make the KAV-150a a world-class power amplifier. Designed and built in the Krell® tradition, the KAV-150a goes beyond the limits of convention to provide the finest performance for the most discerning people of all—Krell® customers.

KAV-150a

Stereo Power Amplifier

Specifications

FREQUENCY RESPONSE
20 Hz - 20 kHz, +0.0/-0.1 dB
0.5 Hz - 150 kHz, +0.0/-3 dB

SIGNAL TO NOISE RATIO
112 dB, "A" weighted

DISTORTION
1 kHz 0.1% THD
20 kHz 0.3% THD

GAIN
25.8 dB

INPUT SENSITIVITY
1.8 Vrms

INPUT IMPEDENCE
100 kOhms

OUTPUT VOLTAGE
peak to peak 116 V
RMS 41 V

**OUTPUT POWER
each channel driven**
8 Ohms 515 W (bridged)
8 Ohms 150 W
4 Ohms 300 W

POWER CONSUMPTION
Idle 40 W
Max. 600 W

DIMENSIONS
19w x 3.7h x 15.5d in.
47.5w x 9.3h x 37.9d cm

WEIGHT
Shipping 33 lbs., 14.9 kg
Unit Only 25 lbs., 11.4 kg

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

Krell® Industries, Inc.
45 Connair Road
Orange, CT 06477-3650 USA

TEL 203-799-9954
FAX 203-799-9796
E-MAIL krell@krellonline.com
WEB SITE www.krellonline.com