



KAV-300r

*Stereo
Receiver
with
Theater
Throughput*



Clearly Krell.

Highlights

- Extraordinarily clear AM/FM radio quality is assured by sensitive, selective tuner stage with low-distortion IF filters.
- Front panel display is easy to read over a wide viewing angle, thanks to cold cathode tube technology.
- Accurate performance with the most demanding program sources and speaker loads is ensured by tremendous dynamic headroom and substantial power output of 150 Watts/channel into 8 Ohms and 300 Watts/channel into 4 Ohms.
- Compatibility with all high-performance source components assured via incorporation of balanced and single-ended inputs.
- Convenient connection to powered subwoofer systems or whole-house music systems via preamplifier outputs.
- Integration with sophisticated home theater systems facilitated by Theater Throughput mode.
- Interfaces ideally with other KAV-Series components so that the entire system can be operated via supplied hand-held controller, thanks to built-in remote control capability and rear-panel system connectors.

*The audiophile's
choice for
convenient,
compact, and
exceptional
sound.*

Krell Sound Quality

The KAV-300r Stereo Receiver with Theater Throughput is welcome news for music lovers seeking legendary Krell performance from a compact component that is easy to install and operate. Krell has proven that innovative engineering, with Dan D'Agostino's uncompromising approach to product design, yields integrated-function components of the highest caliber. The KAV-300r Stereo Receiver is a logical extension of the award-winning KAV-300i Integrated Amplifier and evidence, once more, of Krell's commitment to sonic excellence and customer satisfaction. It is, arguably, the finest stereo receiver ever created—and clearly Krell.

KRELL INNOVATION

The KAV-300r is endowed with an exemplary tuner section, and the result is simply superior sounding radio. Advanced front-end circuitry assures optimum sensitivity and selectivity. A meticulously engineered IF stage employs ultra-low-distortion filters. Music via FM broadcasts is delivered with outstanding clarity and definition. AM broadcasts also exhibit cleaner reception and a rich tonal balance. The tuner is equipped with six easy-to-program preset buttons for quick access to favorite stations. FM mute, stereo/mono, and high-frequency blend functions enable the selection of weaker stations while improving their listenability.

KRELL POWER

The KAV-300r delivers the dynamic headroom and power reserves required for astonishingly clean and realistic music reproduction at live-performance sound levels. A substantial power supply and proprietary Krell output devices (identical to those used in Krell's reference power amplifiers) enable the KAV-300r to deliver a level and quality of output power usually associated with the most sophisticated separate-component amplifiers.

KRELL PERFORMANCE

Advanced circuit design ensures a pure music signal unsurpassed in transparency and detail. The preamplifier section is engineered to the highest audiophile standard and features Krell's proprietary all-discrete, pure Class A, fully complementary topology from input to output. Source switching via sealed, multi-contact relays minimize noise and maximize bandwidth.

KRELL SYSTEM CONTROL

Audiophiles will be astonished with a straightforward system consisting of the KAV-300r Stereo Receiver, a high-performance compact disc player (such as the Krell KAV-250cd), and a pair of high-quality loudspeakers. The receiver is, nevertheless, extremely versatile, making it ideal for a wide variety of system applications. Its full complement of balanced and single-ended inputs, including a tape monitor loop, accommodates a variety of program sources. Krell's unique Theater Throughput feature makes it easy to integrate the KAV-300r into home theater systems. In Theater Throughput mode, the input signal from an external surround sound processor bypasses the volume and balance controls, providing a more direct connection to the KAV-300r's power amplifiers. Preamplifier outputs are provided to facilitate the connection of powered subwoofers or the additional components required for whole-house music systems.

In addition to controlling the receiver's functions, the handheld remote control supplied with the KAV-300r enables operation of all other KAV-Series components. Convenient rear-panel RC-5 baseband and 12 VDC output (12 V trigger) signal connections facilitate the integration of the KAV-300r with KAV-Series components into custom-installed multi-room systems.

THE KRELL TRADITION

The KAV-300r Stereo Receiver sets new standards in its category. It delivers sound quality previously unattainable from a stereo receiver and operational elegance that is unmatched even by many separate-component combinations. Its unique, tasteful styling, responsive controls, and richly engraved panel legends are unmistakably Krell. When combined with other Krell KAV-Series components, it enables the creation of music systems that deliver remarkable performance, versatility, and value. In upholding the Krell tradition of engineering excellence, innovative design, and refined build quality, the KAV-300r joins a family of audio components renowned as the finest in the world.

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KAV-300r

Specifications

Tuner

TOTAL STATION PRESETS
6 FM, 6 AM

FM Tuner Specifications

SIGNAL STRENGTH FOR 50 DB QUIETING
MONO/STEREO
15/24 dBf

TOTAL HARMONIC DISTORTION (THD)
MONO/STEREO
1 kHz and
100% Modulation 0.3/0.5%

ANTENNA INPUT
UNBALANCED
300 Ohms

CHANNEL SEPARATION
1 kHz 36 dB

AM SUPPRESSION
55 dB

CAPTURE RATIO
WIDE
1.5

ALTERNATE CHANNEL SELECTIVITY
WIDE
60 dB

ADJACENT CHANNEL SELECTIVITY
WIDE
13 dB

FREQUENCY RESPONSE
10 Hz to 15kHz +0 dB, -1.0 dB

AM Tuner Specifications

SIGNAL TO NOISE
MAXIMUM
50 dB

ANTENNA INPUT
UNBALANCED
75 Ohms

Integrated Amplifier

FREQUENCY RESPONSE
1 Hz to 100 Hz +0 dB, -3.0 dB

SIGNAL TO NOISE RATIO
"A" WEIGHTED
95 dB

GAIN
36.1 dB

INPUT IMPEDANCE
210 kOhms

OUTPUT POWER
EACH CHANNEL DRIVEN
8 Ohms 150 W
4 Ohms 300 W

POWER CONSUMPTION
Idle 50 W
Max. 600 W

INPUTS
1 balanced, via XLR connectors
3 pair single-ended, via RCA connectors

OUTPUTS
1 pair speaker outputs, via five-way binding posts
1 pair single-ended preamplifier output, via RCA connectors

TAPE MONITOR
1 pair each single-ended inputs and outputs, via RCA connectors

REMOTE CONTROL
1 handheld wireless infrared
12 VDC output, via a 3.5 mm mini connector
RC-5 remote control input, via a DC power connector

DIMENSIONS
19.0w x 3.6h x 15.5d in.
48.3w x 9.2h x 39.4d cm

WEIGHT
Shipping 35 lb., 15.9 kg
Unit only 27 lb., 12.3 kg

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