

# VANGUARD

**KRELL**  
THE LEADER IN AUDIO ENGINEERING

## INTEGRATED STEREO AMPLIFIER w/Optional Digital Module



Integrated stereo amp w/optional digital module  
featuring a 200-watt-per channel amplifier and a  
Class A preamplifier

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The Vanguard incorporates a 200-watt-per channel amplifier and a Class A preamplifier, enclosed in a chassis that borrows its design and construction from the new Krell Foundation preamp/processor, Connect stream player, Illusion preamp and iBias amplifiers. Digital support has been included with USB, HDMI, coaxial, and optical inputs as well as Ethernet audio and Bluetooth streaming.

## DESIGN

The Vanguard's amplifier incorporates a massive power supply with a 750 VA toroidal transformer and 80,000 microfarads of storage capacitance. The tremendous amount of energy on tap provides 200 watts per channel into 8 ohms and 400 watts into 4 ohms. Two quiet, thermostatically controlled fans permit the use of a surprisingly compact chassis.

The preamplifier section of the Vanguard borrows its balanced, fully discrete Class A circuit concepts from Krell's top-of-the-line Illusion preamplifiers. Krell's Current Mode technology is employed to assure unequaled signal bandwidth, easily enough to handle the latest high-resolution PCM and DSD audio sources without impacting high-frequency response and detail.

Packed with many of Krell's most musical-sounding technologies, the elegant chassis is living-room-friendly. Yet it has enough power to achieve incredible, lifelike dynamics with any speaker.

The Vanguard also offers features that make it perfect for custom installation, such as 3.5mm jacks for IR input and 12-volt trigger input and output, as well as optional rack-mount ears. Additionally, the unit can be controlled with home automation systems or the Krell web server through its Ethernet connection.

The front-panel menu system provides configuration features such as input naming and input trim. Theater Throughput mode lets the Vanguard serve as the core of a surround-sound system without sacrificing two-channel sound quality. Analog Inputs include three stereo RCA and one stereo balanced XLR. High-quality WBT speaker cable terminals provide a secure, electrically ideal connection.

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**A key option for the Vanguard is the digital module, which includes USB, HDMI inputs and output, coax and optical digital inputs; Ethernet music streaming controlled through dedicated iOS and Android apps: *Roon, Tidal, and Deezer services\**; and Bluetooth wireless for convenient streaming from phones, tablets and computers.**

- Coaxial and HDMI inputs support PCM up to 24-bit/192kHz  
Optical input up to 24-bit/96kHz
- HDMI inputs support DSD and 4K video content. HDMI output supports Audio Return Channel (ARC)
- USB and Network streaming support MP3, AAC, WMA, WAV(PCM), FLAC, ALAC up to 192kHz
- Bluetooth streaming supports A2DP, AVRCP, HFP, HSP

*\*A subscription is required for these services. Updating the digital module software may also be necessary depending on the vintage of the unit (see Krell website).*

## SPECIFICATION HIGHLIGHTS

- 1 pr. balanced via XLR connectors
- 3 pr. single-ended via RCA connectors
- 1 pr. speaker outputs via WBT gold-plated binding posts
- 1ea 12V Trigger input/output
- 1 remote IR detector input via 3-conductor 3.5 mm connector
- Optional Rack Mount Kit
- 17.1 in W x 4.15 in H x 17.5 in D
- 43.4 cm W x 10.5 cm H x 44.5 cm D

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