



## **FOR IMMEDIATE RELEASE**

**Krell announces the Foundation, a new 7.1-channel AV preamp/processor featuring 10 HDMI inputs, balanced audio outputs, a stunning new form factor and more...**

**Orange, CT** – Krell Industries, LLC, the leader in high performance music and home theater systems, announces Foundation, the latest in a long line of state-of-the-art A/V processors. Featuring the latest digital connectivity, the Foundation also maintains Krell's exacting standards for analog audio reproduction.

From decoding the latest lossless audio formats, extensive digital switching, 3DTV pass-through, and more, the Foundation is fully compliant with the digital age. Yet the 7.1-channel processor also features balanced audio outputs, automatic setup and room EQ, and Krell's legendary robust hardware. A slim new form factor exudes the Krell aesthetic, while allowing placement in smaller equipment racks.

In addition to 10 HDMI 1.4a inputs, the Foundation has 2 HDMI outputs, both of which feature Audio Return Channel. With ARC, a display device is able to send audio back down the HDMI cable to the processor. This is beneficial for those with televisions with built-in web streaming capability like Netflix or Pandora, so the streaming audio can use the full home theater system instead of just the TV's speakers.

The Foundation passes video signals directly without any video processing, ensuring bit-for-bit accuracy of the signal, up to 1080p/60. However, to simplify cabling, setup, and use, there is full transcoding of the 2 composite and 3 component analog video inputs to the HDMI outputs.

The Foundation includes a new Krell development - Intelligent HDMI switching. Intelligent HDMI switching is a combination of circuitry and innovative software that optimizes HDMI operation. Various parameters including the monitor's electronic ID and source video resolution are stored in non-volatile memory. All 10 source inputs are always active so source, channel, video resolution, and audio format changes are instantaneous. The Intelligent HDMI design provides the fastest signal recognition possible.

Krell designed the Foundation with flexibility and ease-of-use in mind, with extensive routing capability of the audio inputs to the various outputs. During setup, the specific paths will be chosen based on how the user intends to use each source, displays, and audio output channels.

The Foundation will allow owners to take full advantage of the best audio soundtracks available, with decoding of Dolby Digital, Digital Plus, Dolby TrueHD, DTS, DTS-ES Discrete, Matrix, and DTS-HD Master Audio. In addition, a full suite of post-processing modes are included, including Dolby Pro Logic IIx and DTS Neo 6. Krell's proprietary surround modes, Party, General Admission, Front Row, and On Stage, offer a different way to listen to favorite tracks.

The Foundation also features Krell's Automatic Room Equalization System (ARES), to ensure the best possible performance from every theater. ARES analyzes all the speakers in the system, their location, phase, and distance from each other, to determine the best crossover frequency, delay, and more. In addition, ARES incorporates the acoustics of the room to determine unique EQ curves for each of the 7.1 output channels. Unlike other room EQs, ARES can be programmed to only adjust the troublesome low frequencies, leaving high frequencies unaltered.

To allow full integration into a home automation system, the Foundation has Ethernet control, RS-232, 4 12v triggers (2@0.5A and 2@60mA), and RC-5.

### **Features/specs**

- 5 Analog inputs (4 unbalanced, 1 balanced)
- 6 Digital audio inputs (3 Toslink, 3 Coax)
- 10 HDMI 1.4a inputs
- 2 HDMI outputs (both with ARC)
- Intelligent HDMI switching
- 6 Analog video inputs (3 component, 3 composite, transcoded to HDMI)
- RS-232, Ethernet, RC-5, 12v Triggers (4)
- Balanced and Unbalanced outputs
- Analog Zone 2 output
- Dual Subwoofer outputs
- ARES (Automatic Room Equalization System)

For information regarding UK pricing, please refer to the email to which this PDF is attached.

### **About Krell Industries**

Founded in 1980, Krell Industries is the world's premier manufacturer of high performance audio and video equipment. Its amplifiers, preamplifiers, surround-sound processors, iPod docks and loudspeakers have won acclaim in countless reviews and among audiophiles worldwide. For more information, please visit [www.krellonline.com](http://www.krellonline.com).