



## Core Technology Guide

The development of home theater audio has been dominated by relatively inexpensive, mass-marketed systems. Audiophiles, however, have not been impressed with the performance of these systems and their lack of resolution, bandwidth, and imaging. Many believe that home theater and high end audio are two entirely separate concepts and that the performance gap cannot be closed.

There is, however, a steadily growing group of audiophiles who recognize the potential for audiophile-grade home theater. These people are also videophiles. To them, great picture quality *and* great sound quality are paramount. They expect the audio portion of their theater system to be the finest possible—surpassing even the best commercial specialty theater venues that advertise superior audio performance.

C.E.O. Dan D'Agostino has long been a movie buff—the Krell® name comes from the Science Fiction motion picture classic *The Forbidden Planet*—and Dan has had video incorporated with his audio system for many years. His vision was to combine the excitement of the highest quality audio and video into one seamless experience. The result of this work is what Krell® now terms HEAT™—High End Audio Theater.

The concept that defines HEAT™ is disarmingly simple: the principals that govern design requirements for preamplification, signal processing and amplification for two channel systems apply directly to home theater. Home theater playback can be even more demanding than two channel applications, due to the high levels of low frequency information often found on movie soundtracks. It was this challenge that appealed to Krell®. The Krell® HEAT™ system is built on the synergistic combination of the Audio+Video Standard surround sound preamplifier—a component that has generated the highest praise for sonic quality—and the new Full Power Balanced series of stereo and monaural amplifiers—recognized as the finest amplifiers ever made.

# HEAT™

*High End*

*Audio Theater*

**HEAT™**

*High End*

*Audio Theater*

## **Core Technology Guide, continued**

A Krell® HEAT™ system makes high end home theater a reality, presenting cinema sound tracks with the level of quality established for the finest two channel systems. HEAT™ is another example of Krell's dedication to sonic excellence, this time in the home theater arena, and it is a demonstration of Krell's well-earned position as the Leader in Audio Engineering.