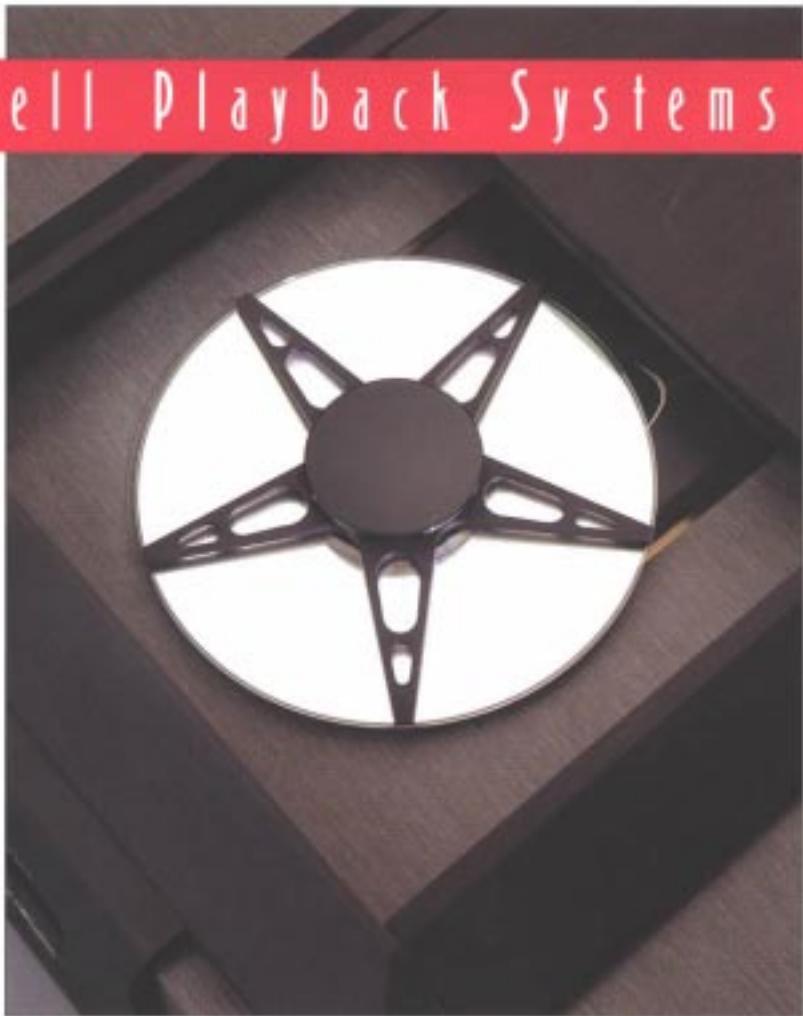
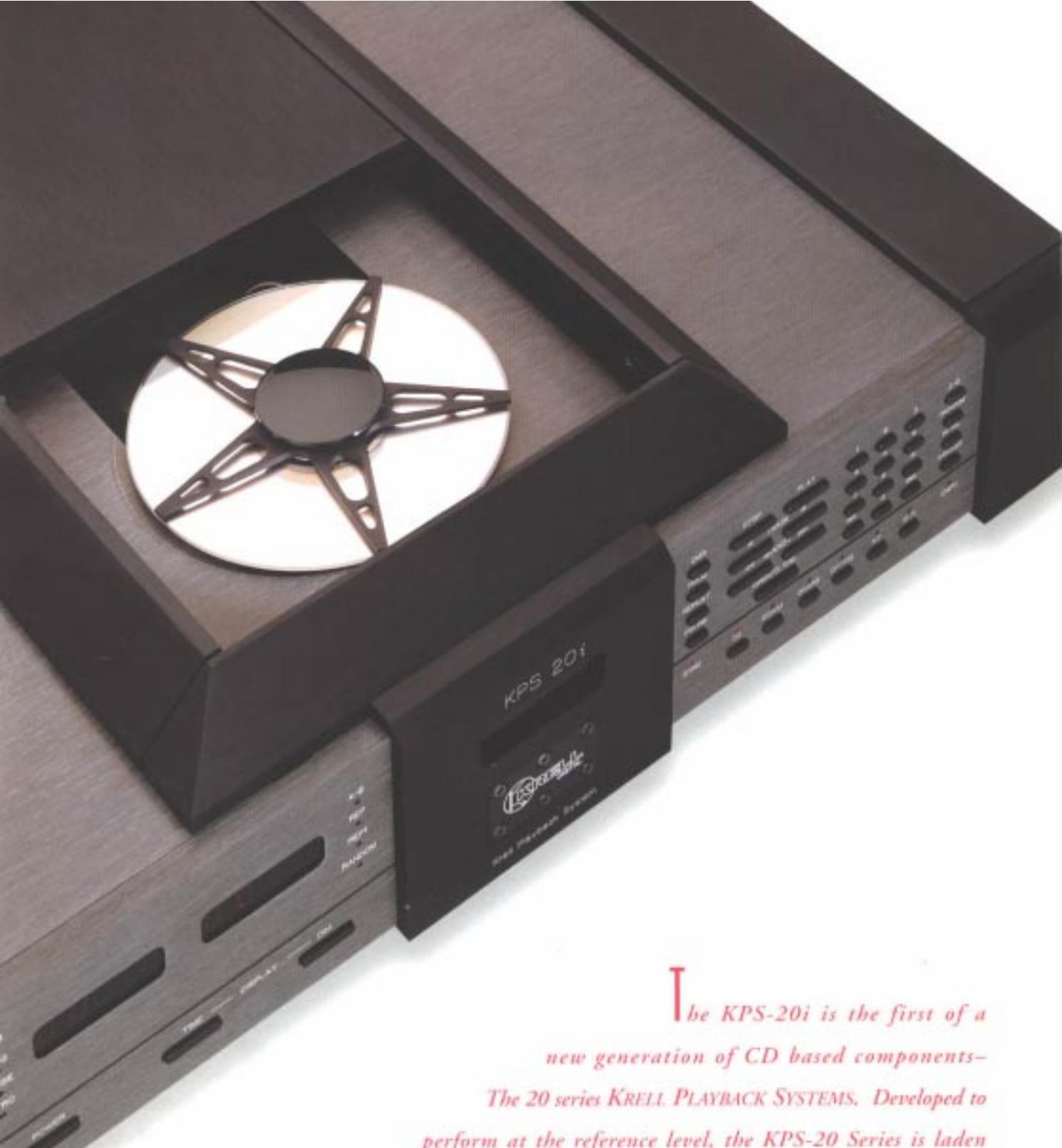




Krell Playback Systems



The KPS-20*i*



The KPS-20i is the first of a new generation of CD based components—The 20 series KRELL PLAYBACK SYSTEMS. Developed to perform at the reference level, the KPS-20 Series is laden with technology normally reserved for our most sophisticated components. Three versions of the KPS-20 will become available: the 20i integrated CD player, the 20i/l integrated player with internal preamp output stage, and the 20t transport.

Available around the world from authorized Dealers and Distributors.





From the moment the cover first retracts you realize the KPS-20*i* presents a fresh approach to playing

The KPS-20*i* has a unique dual suspension system to isolate the transport from vibration. The

Increased software complexity allows the oversampled points to be more accurately calculated, yielding a

Krell... The Leader in Audio Engineering

CDs. Optimized for rigidity and low mass, our stabilizer securely



couples the disc to the transport in a comprehensive manner. Five arms contact the outer edges of the disc to insure uniform flatness. A quenched field magnet assembly achieves strong clamping force without affecting laser performance. The transport is fitted with a new spindle hub that interlocks with the stabilizer to prevent disc eccentricity.

transport is mounted within a suspended, 4.5 lb. machined brass block. Low-stored-energy chassis feet supply the second barrier. Coupled with its integrated design, which eliminates jitter, the data stream entering the processor is remarkably error-free.

The KPS-20*i* is the first CD player to use Motorola DSP-56002 processor. Operating at an astonishing 66MHz, this processor is capable of running software similar to that in our Reference 64, allowing

more tangible and refined sonic presentation.



far more complex algorithms to be used in reconstructing data,

Described here are only three of the major advancements found within the KPS-20*i*. Others include proprietary transport and user software, 20-bit differential DAC system, high current power supply and analog output stages, external input capability and construction details. For a complete discussion and audition of this remarkable device, please contact your dealer or distributor today.



Three versions of the KPS-20 will be released to provide a perfect match within any system configuration. All utilize the same CD transport and user interface capabilities. Optional for each are additional digital outputs, including Krell's proprietary Time Sync system for elimination of jitter between the transport and external Krell processor.

The KPS-20*i* is an integrated CD player, meaning the CD transport and digital to analog processor are enclosed in a single chassis. Included are additional digital inputs to allow processing of other digital sources through the 20*i*.

The KPS-20*i* is a dedicated CD transport ideal for inclusion in systems with a sophisticated digital processor such as the Krell Reference 64 or Studio.

The KPS-20*ii* is a combination of the 20*i* with a preamplifier output stage very similar to our KRC-2 preamplifier, making it fully capable of directly driving an amplifier. Whether fitting into a small space or replacing an entire front end, the KPS-20*ii* will be the correct choice for a wide variety of systems.

SPECIFICATIONS

Jitter

0 Pico seconds for KPS-20*i* read discs
40 Pico seconds for external sources

Processor

1 Motorola DSP-56002 24 bit processor operating @ 66MHz

Software and Oversampling

Krell written reconstructive software operating @ 705.6KHz

Dithering Method

No dithering necessary due to the high degree of processor and software accuracy

Digital to Analog Conversion

4 PCM-63 20 bit Colinear® Burr Brown DACs in differential configuration

Frequency Response

20Hz to 20KHz: +0, -.2dB

Signal to Noise, A Weighted

>135dB @ 60Hz; >120dB @ 20KHz

Inputs

ST fiber optic, AES/EBU, SPDIF, Toshiba fiber optic

Outputs

Analog: Balanced and single ended
Digital: 1 SPDIF on RCA connector

Optional: 2 additional ST,
1 Toshiba fiber optic

One of the 2 optional ST outputs can be used for Krell's Time Sync system

Dimensions

19" W x 14.5" D x 5" H

Warranty

Five years parts and labor on electronic parts

Three years parts and labor on transport-related parts

Krell reserves the right to change the features, specifications and price of this product without notice.