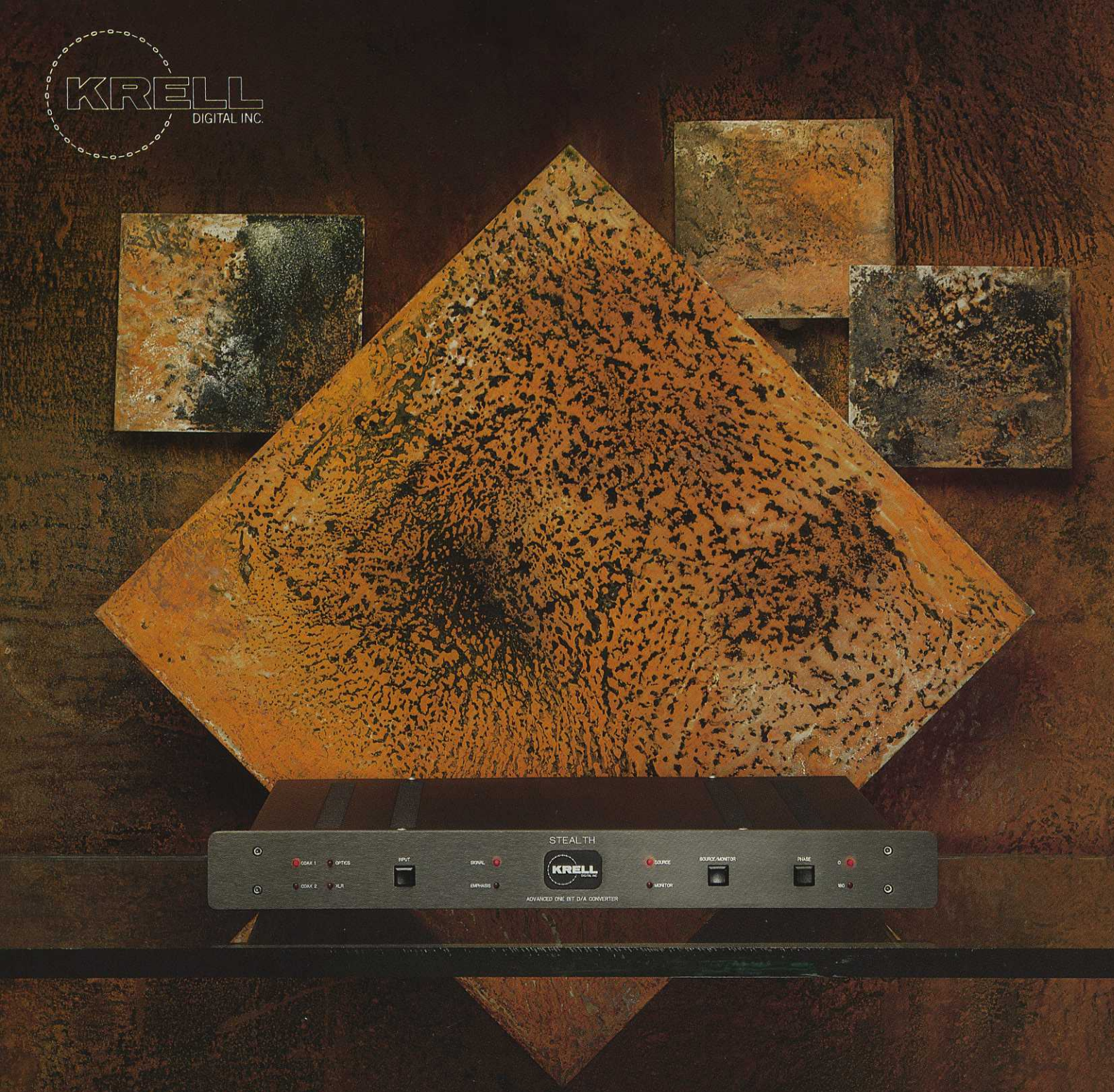
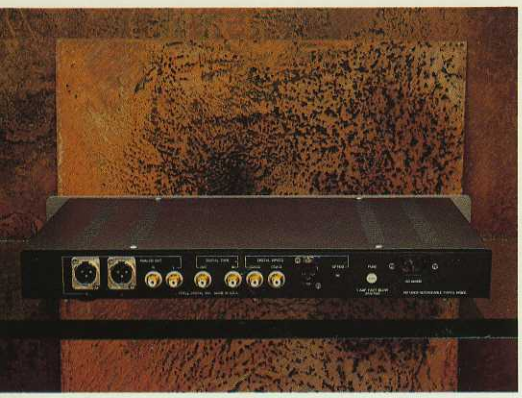
KRELL
DIGITAL INC.



Stealth Digital-to-Analog Converter

Advanced One-Bit Digital-to-Analog Processor with Input and Output Flexibility

In recent years the demands on digital audio processors have increased dramatically. Technology for digital-to-analog conversion has evolved while new digitally-based source components and a variety of formats have become available. The STEALTH has been designed to take advantage of the latest developments in D/A technology and address the full range of digital components. The name STEALTH was chosen to describe the surprising array of technology and function united in its single chassis.



The STEALTH will accommodate virtually any system configuration and connector type.

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SPECIFICATIONS

Inputs, Digital
1 balanced via XLR
1 industry standard fibre optic
2 via RCA

Tape Loop
1 Record Output via RCA
1 Return via RCA

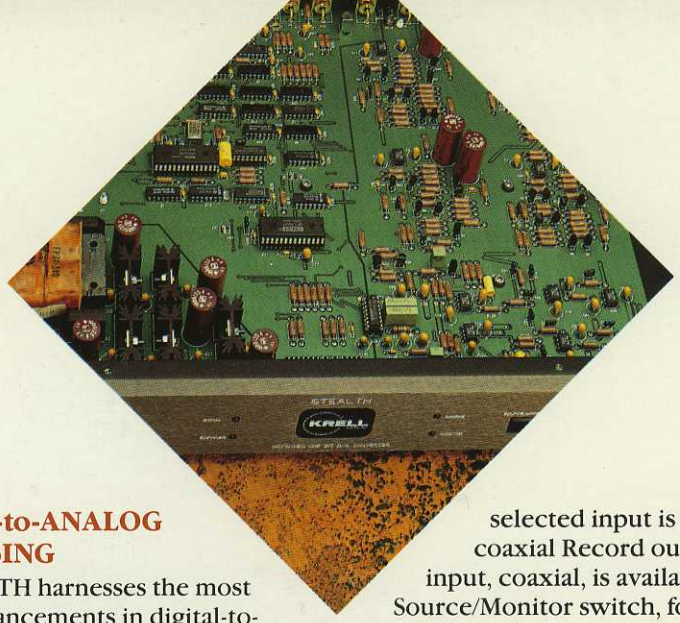
Outputs, Analog
1 set single-ended via RCAs
1 set balanced via XLRs

Processor
1 Hybrid one-bit/ladder DAC

Dimensions
19" wide; 12" deep; 2.375" high

Weight
13 lbs unit only
15 lbs shipping weight

Warranty
Five years parts and labor



DIGITAL-to-ANALOG PROCESSING

The STEALTH harnesses the most recent advancements in digital-to-analog processing. It has been proven that one-bit techniques deliver excellent low-level linearity, while ladder DACs provide superior performance at high signal levels. The STEALTH employs a unique 18 bit hybrid DAC which combines one-bit and ladder DAC techniques. The lower 8 bits are processed with the one-bit portion of the DAC. A single current source is utilized to insure maximum conversion accuracy at the lowest levels. The 10 higher bits are converted with the ladder DAC process. This section of the DAC operates in a range where laser trimming of the reference resistors is extremely accurate. Ladder conversion also avoids the need for extreme clock speeds which can be problematic when processing the higher bits. The DAC is only required to operate at the normal eight times oversampled rate.

The use of this hybrid DAC technology allows the STEALTH to convert digital information into an analog signal with superb accuracy and resolution. Fine detail, ambience and tonal quality take on a graceful reality, while transient attacks are robust and dramatic. Imaging is palpable, deep and focused, extending far beyond the speakers.

OPERATIONAL FEATURES

The STEALTH is destined to become the nucleus of your digital record and playback equipment. Inputs and outputs are provided that allow connection to the complete range of digital components. Four digital inputs are available on the front panel Input switch: balanced, standard fibre optic and two coaxial. An option is available for an AT&T fibre optic input. The selected input is routed to a coaxial Record output. A fifth input, coaxial, is available on the Source/Monitor switch, forming one complete tape loop.

All three standard digital formats can be processed by the STEALTH: 32KHz/satellite, 44.1KHz/CD and 48KHz/DAT. The converter reads the sampling rate of the input and makes the required adjustments automatically, allowing any digital source to be connected to any input. The Record output is in the format of the source selected on the Input switch.

Analog outputs are provided in both single-ended and balanced formats. The extreme low impedance of the output stage allows these to be used simultaneously to feed two separate systems.

THE LEADER IN ESSENTIAL TECHNOLOGY

Krell believes in employing new technology only when the benefits are absolutely clear, and integrating it with existing, proven methods. The hybrid DAC used in the STEALTH represents the first real advancement in non-software-based D/A processing in years. The STEALTH, in fact, is the first product to utilize this DAC. Its output is routed to traditional Krell Class A, discrete, high-bias analog output stages and massive power supplies.

By coupling leading-edge digital technology to proven Krell analog circuitry and prodigious build quality, the STEALTH delivers a sonic quality characteristic of our reference digital components. Witness the STEALTH's combination of superlative performance and functionality—your jump-start into the future of digital audio.

KRELL DIGITAL, INC. ■ 35 Higgins Drive ■ Milford, CT 06460
Sales: 203-874-3139 ■ Fax: 203-878-8373

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