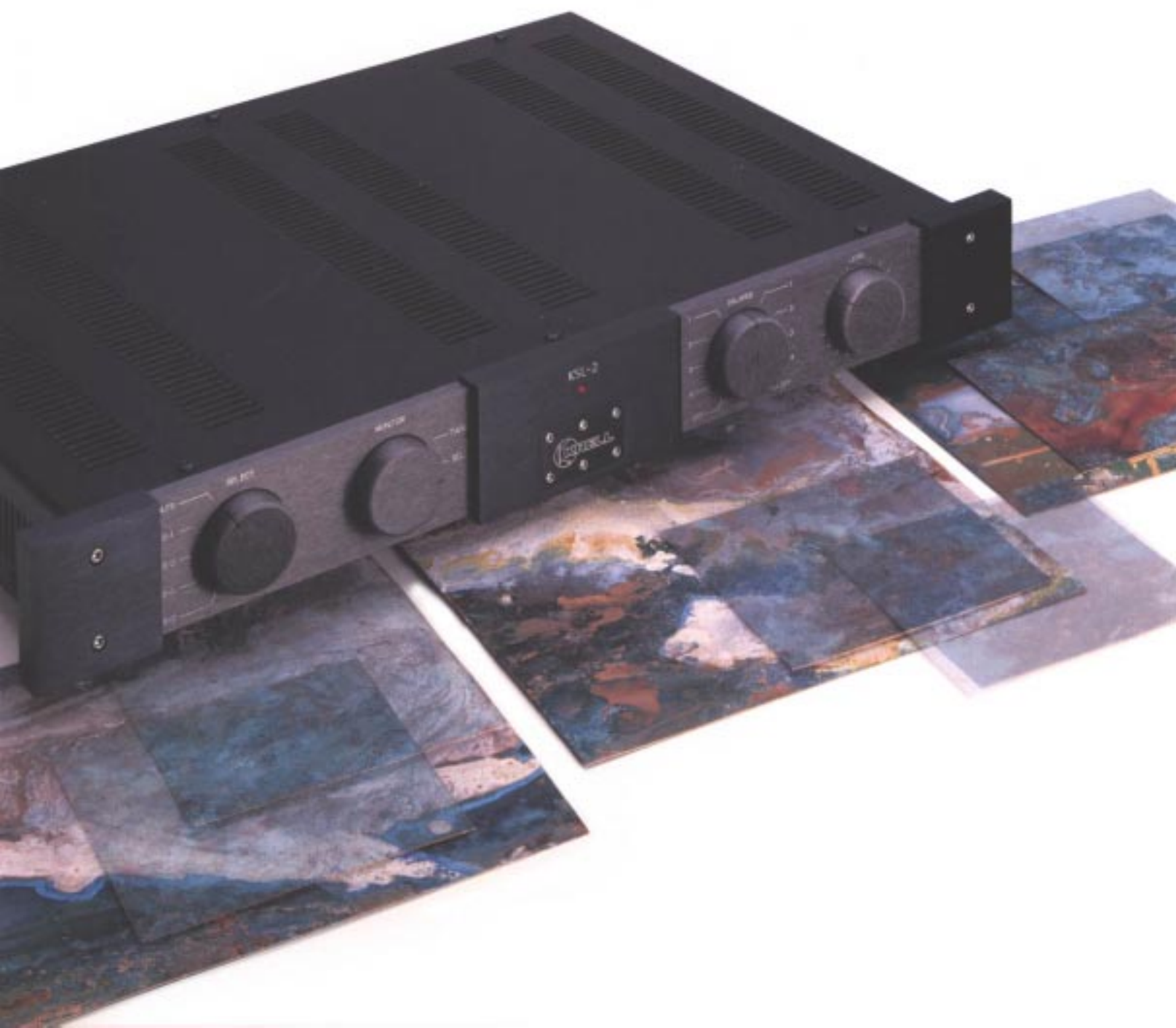




KSL-2 Balanced Preamplifier



The KSL-2 balanced preamplifier embodies the essential virtues of all Krell designs. The electrical components, structural materials and finished surfaces found in our most expensive products are used. Circuit designs adhere to the Krell traditions of pure Class A operation and massive power supply capability. The KSL-2 is Krell's entry-level preamplifier. Compare it to others in its category, however, and you will quickly discover the KSL-2 is an exceptional preamplifier, regardless of cost.

SPECIFICATIONS

Frequency Response
20Hz - 20kHz: +0, -0.1dB
0.2 - 400kHz: +0, -3.5dB

Phase Response
<10 degrees @ 20kHz

Signal to Noise
-98dB A weighted

Distortion
< 0.01% 20Hz - 20kHz

Functions

Select
B1, B2, S1, S2, Tape, Mute

Tape Monitor

1 Buffered record output
1 Single-ended tape return

Balance

Attenuation of -4 dB in 1 dB steps;
Channel mute at 5th step

Volume Control

Precision conductive plastic potentiometer
impervious to corrosion

Power Supply

Custom, double-shielded toroid,
multiple regulation stages

Inputs

Two balanced or single-ended via XLR
Two single-ended via RCA
One tape return

Outputs

One balanced or single-ended via XLR
One single-ended via RCA

Dimensions

Width: 19"; Height: 2.5";
Depth: 14" unit only; 18" with cables

Weight

20 lbs., unit only

Warranty

5 years, limited and transferable

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

A FOUNDATION FOR PERFORMANCE

A robust, tightly regulated internal power supply provides foundation for the KSL-2's sonic quality. The custom-made toroidal transformer is double-shielded to eliminate signal degradation caused by stray magnetic fields. Secondaries are regulated within the supply subassembly and again in close proximity to active circuits to insure a pure and stable DC flow. With a conservative 50VA rating, the transformer allows an output stage of extremely wide bandwidth, a key ingredient of the KSL-2's clean, effortless character.



All circuits are discrete and assembled with the finest quality parts, such as 1% tolerance, 1/2 watt military-grade metal film resistors.

The musical heart of the KSL-2 is its audio circuitry. Input circuits use JFET devices to allow for source components of varying impedance without loss of signal integrity. Gain and output stages operate in pure Class A mode, recognized as delivering the finest sonic quality. Symmetrical, complementary input section phase combiners and output phase splitters deliver absolute phase accuracy for both balanced and single-ended functions. The output section employs high current, matched bipolar devices in complementary configuration.

OPERATIONAL FEATURES

System flexibility is achieved without detrimental effect to audio quality. Select and balance switch contacts are silver plated with a nickel hardening agent, providing low contact resistance and long life.

The KSL-2 has an optional plug-in phono section capable of accepting moving coil and moving magnet cartridges. This multi-layer section matches the phono performance of the KRC, our finest preamplifier, and can be easily installed in the field.

Aesthetic detail has also been lavished on the KSL-2. Intended for a lifetime of undiminished beauty, our latest cosmetic treatment utilizes hard anodize for the panel surfaces, a process far more resistant to scratches and tarnish than conventional anodize.

Many details contribute to the superb performance and construction of the KSL-2. From dynamic low bass, vivid soundstage and graceful high frequency reproduction, to efficient, rugged build quality, one conclusion leaps pre-eminent: the KSL-2 is pure Krell.



The KSL-2 can accommodate most system configurations with its mix of balanced and single-ended connections.



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