



S-550i

S-1 S-2 S-3 B-1 IPOD MUTE

B-1 Volume 088
CD Balance Cen

POWER KRELL

MENU



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RIGHT OUTPUT



PREAMP OUTPUT

S-3

S-2

S-1

INPUTS

L

R

B-1 RIGHT

B-1 LEFT

IPOD INPUT

12VDC

OUT

IN

RC-5

IN

RS-232

LEFT OUTPUT



RIGHT FUSE

AGC-12

LEFT FUSE

AGC-12

KRELL
S-550i

KRELL INDUSTRIES, LLC
45 CONNAIR ROAD
ORANGE, CT 06477-3650
USA

CE
1800 W MAX.

DESIGNED IN USA BY KRELL INDUSTRIES, LLC

MANUFACTURED IN CHINA UNDER ISO 9001 QUALITY SYSTEM

NO USER SERVICEABLE PARTS INSIDE



FOR IMMEDIATE RELEASE

Krell Industries Introduces New High Powered Integrated Amplifier
Massive power from small footprint delivers fantastic value

LAS VEGAS, NV, January 9, 2011 -- Krell Industries, LLC, the leader in high performance music and home theater systems has introduced the new S-550i integrated amplifier.

Building on the success of the award winning S-300i integrated amplifier, the S-550i boasts the sound quality and power output capable of driving any loudspeaker to its maximum performance. "We are responding to our customers' requests to offer a maximum performance in a smaller package." said Bill McKiegan, President of Krell. "Approaching 300 watts of output, the S-550i is an ideal power source for virtually any speaker on the market while occupying a fraction of the space typically required for a system delivering this sound quality." Outfitted with balanced and single-ended inputs, the S-550i also includes an iPod dock. For custom integration applications, 12 volt triggers, RS-232 connectivity and rack mount ears are included. Operational parameters can be customized via the menu system that is accessible from the front panel or the included brushed Aluminum remote control.

Preamplifier Highlights

The preamplifier section features circuit concepts from Krell's flagship Phantom preamplifier. Discrete circuitry, in a balanced topology, is afforded its own power supply regulation. All signal gain is realized using surface mount technology featuring proprietary current mirrors with nearly 500 times the open loop linearity of other designs. Negative feedback is not used anywhere in the preamplifier, nor is it necessary. Open-loop distortion is typically less than 0.003%. The volume control is realized with a balanced resistor ladder — bandwidth and transient response of the preamp circuitry are virtually unaffected by the volume setting.

Power Amplifier Highlights

The S-550i packs a massive 1,750 watt transformer and 68,000 μ F of capacitance into an elegant 5" high chassis. This power supply feeds classic Krell circuitry throughout the topology using only discrete circuitry. "Avoiding common place integrated circuits and op amps helps guarantee the S-550i deliver true audiophile performance." adds McKiegan. As with all Krell amplifiers, the S-550i design is an ideal voltage source. That is, the S-550i doubles its power output when a speaker's impedance is halved. For the S-550i, the results are 275 watts into 8 Ohms and 550 watts into 4 ohms. This capability is essential for realistic reproduction of a recording's dynamic content. Most amplifiers can't deliver this power doubling, leaving music sounding compressed and lifeless.

Suggested Retail Price:

S-550i - \$5,000 Shipping March 2011

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About Krell Industries

Founded in 1980, Krell Industries is the world's premier manufacturer of high performance audio and video equipment. Its amplifiers, preamplifiers, CD/DVD players, surround-sound processors, and loudspeakers have won acclaim in countless reviews, and among audiophiles worldwide.