

S-1200 / S-1200U

SURROUND PREAMP/PROCESSOR

KRELL
THE LEADER IN AUDIO ENGINEERING



High resolution audio coupled with high definition video scaling synthesize for uncompromised home theater performance.

S-1200 / S-1200U

SURROUND PREAMP/PROCESSOR

DESIGN

The S-1200/1200U have 7.1 channels of high resolution audio output for maximum system performance. Two digital signal processors (DSPs), Crystal CS497004s operating at 300mps, are employed to perform all surround mode processing.

The S-1200/1200U decodes Dolby True HD and DTS HD Master Audio lossless surround formats over HDMI™ 1.3, Dolby Digital Surround EX, Dolby Digital 5.1, DTS 6.1ES, DTS 5.1, DTS NEO:6, Dolby Pro Logic II processing as well as, plus 9 proprietary Krell Music Surround modes.

Digital processing circuitry runs in double precision mode at 48-bits for the most precise division of frequencies and optimization of the system's speaker/subwoofer combinations. A custom programmable eight channel digital equalizer is available to fine tune even the most difficult room conditions.

Eight direct coupled output stages are fully balanced and feature Krell Current Mode™ topologies with the extended bandwidth required for HD audio applications. Preamp mode bypasses all digital circuitry and routes the analog inputs or 7.1 multi-channel input, directly to the volume control for the purest path possible.

The S-1200/1200U features an oversized ultra low-noise transformer and robust regulation for the analog and digital power supplies. Remote control options include bi-directional RS-232 communication, multiple 12 VDC triggers and a direct RC-5 input.

A new video transcoder allows full routing of all video signals through the HDMI output.

On Screen Display set-up and status is available on all video outputs, all the time, including up conversion (S-1200U only) through component and HDMI progressive outputs. Any analog SD or HD video may be converted to 1920 x 1080p/60Hz via the HDMI output or 1080p/30Hz via component video.

The S-1200/1200U also supports Deep Color extending the color bit depth from 8 bits to 12 bits.

Video Inputs: 4- HDMI, 3 – Component, 4 - S-video, 4 - Composite

Video Outputs: 1 – HDMI, 1 – Component, 2 - S-video, 2 – Composite

Audio Inputs: 1 – 7.1, 1 - Balanced, 9 – Single ended, 4 – Coaxial digital, 4 – Toslink Digital

Audio Outputs: 7.1 Balanced and Single ended, 1 – Coax digital

Available in silver or black anodize

FEATURES

- 7.1 channel Preamp/processor
- Individual 24-bit/192 kHz DACs
- HDMI™ 1.3 Dolby True HD and DTS Master audio
- Video Transcoder
- RS 232, RC 5, 12 VDC Triggers
- Discrete Differential Class A Output Stages
- Krell Current Mode™
- ** S-1200U Only - Analog Video Up-conversion to 1920 x 1080p 60Hz via HDMI output and 1920 x 1080p 30Hz via component video output
- Eight channel 1/3 octave parametric digital EQ
- 17.3 W, 5.7 H, 16.5 D, in.
43.8 W, 14.4 H, 41.8 D, cm

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All operational features, functions, specifications, and policies are subject to change without notice.e.

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