

Designed for those seeking the ultimate in audio and video performance, the JBL Synthesis® SDP-45 surround processor/controller provides the highest level of sonic performance available while offering pristine video with flawless HDMI® switching. With 24-bit/192kHz A/D and D/A converters and two 32-bit floating-point DSP engines, there is no shortage of processing power for decoding the latest lossless audio.

Featuring eight HDMI inputs and two HDMI outputs, extensive analog and digital audio inputs and outputs, and a USB connector to provide computer sound-card functionality, the SDP-45 is perfectly suited for complex home theater systems and even includes an independent second audio zone.

HDMI technology offers uncompressed multichannel sound both from Blu-ray™ players and from popular computer-based sources that can provide high-resolution audio. The choice of processors for HDMI audio is critical, since audible artifacts resulting from digital “jitter” are common. The SDP-45 solves the problem by providing a completely asynchronous signal path from its A/D converters and all digital inputs, allowing the outputs to be completely buffered and internally clocked to a very stable crystal oscillator. This sophisticated approach provides sonic clarity and a lack of “grit” that truly reveals the potential of today’s uncompressed Blu-ray and high-resolution digital sources, and it optimizes legacy analog sources.

The broadcast-quality HDMI switcher provides smooth audio and video switching, can pass digital video up to 1080p, 12-bit, and is compatible with 3D video formats.

- 7.1-channel digital surround processor
- Dolby® TrueHD & DTS-HD Master Audio™ decoding
- 8 HDMI inputs, 2 HDMI outputs
- 9 digital inputs, plus USB 2.0 type B for sound-card functionality
- 8 pairs of analog inputs and both balanced and unbalanced analog outputs
- RS-232 and Ethernet control capability
- Includes rack ears and fastener hardware (requires 3 rack spaces without feet)
- Dimensions (H x W x D): 6.3" x 17" x 15.5" (16cm x 43.2cm x 39.4cm)
- Weight: 24 lb (10.9kg)