

SDP-70

SPECIFICATION SHEET



24-Channel Immersive AV Processor

The SDP-70 sets a new benchmark for AV processing, delivering reference-grade performance for the most advanced home theaters.

With 24-channel decoding and processing powered by a high-performance DAC architecture, it ensures every detail is reproduced with stunning clarity and precision.

Balanced outputs guarantee pristine signal integrity when paired with external amplification, while Matrix Channel Assignment provides unmatched flexibility for custom configurations.

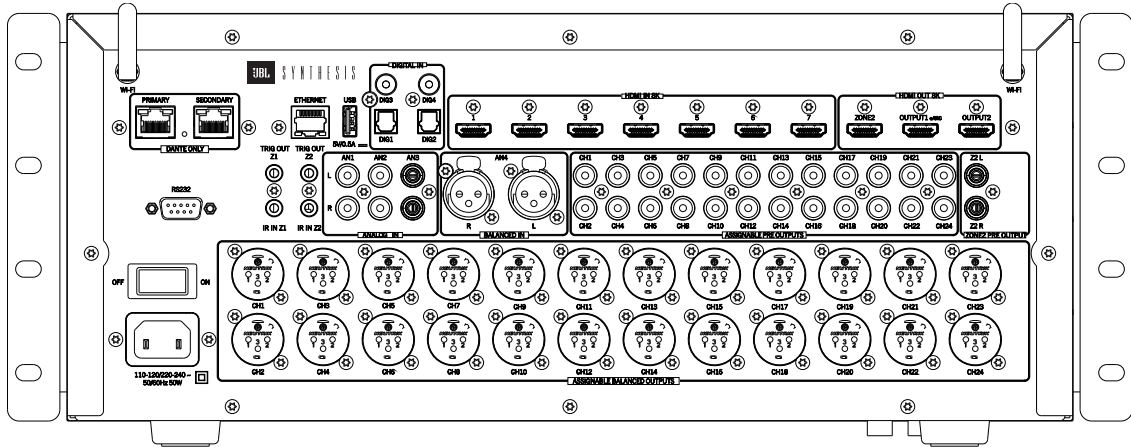
Support for Dolby Atmos, DTS:X, IMAX Enhanced, and AURO-3D brings true cinematic immersion, and Dirac Live room correction optimizes every element for flawless accuracy.

Designed for enthusiasts who demand absolute control, the SDP-70 transforms any space into a world-class listening environment. Intuitive menus, a vibrant full color display, and app-based control make operation simple and efficient.

When performance matters most, the SDP-70 delivers.

Features

- Immersive audio formats: Dolby Atmos, DTS:X Pro, Auro-3D
- Dante Input/Output
- Matrix Channel Assignment for the flexibility to assign the surround channels you need for the best performance of your system
- Dirac Live Room Correction
- HDMI and HDMI eARC
- High-resolution display for clearly visible album artwork and metadata
- Supports Apple Airplay, Google Cast, Spotify Connect, Qobuz Connect and Tidal Connect
- Setup with JBL Synthesis App for presets, Internet Radio and Podcasts
- Supports up to 24 bit / 192 kHz Hi-res audio
- Room Ready



Decoding/Encoding		
Maximum Channel Count	24	
Reassignable Channels	All channels	
Dolby	Dolby Atmos, Dolby TrueHD, Dolby Atmos Height Virtualization, Dolby Surround	
DTS	DTS:X Pro, DTS HD Master, DTS Neural:X, DTS Virtual:X	
IMAX Enhanced	Yes	
Auro 3D	Yes	
MPEG H	Yes	
HDMI		
Inputs/Outputs	7/2 (Zone 1), 1 (Zone 2)	
HDMI/ HDCP Versions	2.1a/2.3	
Resolution support resolution/framerate	Up to 8K/60Hz or 4K 120Hz	
Supported Dynamic Range Profiles	HDR, HDR10, HDR10+, HDR10+ Gaming, Dolby Vision, HLG	
Supported HDMI features	Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), CEC, eARC/ARC (Zone 1, Output 1)	
On Screen Display	Yes	
Streaming		
Works with (apps)	ARCAM Radia, Spotify Connect, Tidal Connect, Qobuz Connect, Roon (Ready)	
Works with (services)	Apple Airplay, Google Cast	
ARCAM Radia supported services (Global)	Internet Radio, Podcasts, UPnP	
Supported Hi-res media:	FLAC, WAV (LPCM), MQA, AAC, ALAC, AIFF, DSD (up to 128), MP3, OGG, WMA	
Supported Hi-res Bit depth:	16, 24	
Supported samples rates (kHz):	Up to 192 kHz	
Gapless Playback:	Yes	
Frequency response:	20Hz—20kHz ± 0.05dB	
Digital Inputs		
Number of inputs (Coaxial/Toslink)	2/2	
Supported Sample Rates (kHz)	Coaxial (RCA)	192, 176.4, 96, 88.2, 48, 44.1
	Optical (Toslink)	96, 88.2, 48, 44.1
Bit depths (bit)	Coaxial & Optical (Toslink)	
		24, 16
Frequency response	20Hz—20kHz ± 0.2dB	
Signal/noise ratio (A-wtd, ref. 50W, 0dBFS)	100dB	
Analog Inputs		
Number of inputs	3x RCA pairs	
Signal/noise ratio (A-wtd, ref. 50W, 1V input)	100dB	
Frequency response	20Hz—20kHz ± 0.2dB	
Preamplifier Outputs		
Number of Outputs XLR/RCA	24/24	
Balanced (XLR) peak output level per channel	5V RMS	
Single-ended (RCA) peak output level per channel	2V RMS	
THD+N (20 Hz to 20 kHz)	—100dB	
General		
Mains voltage	100-120V/220-240V 50/60Hz	
Power consumption (maximum)	60W	
Dimensions W x D (including speaker terminals) x H (including feet)	432 x 399.6 x 186mm	
Weight (net)	13.68 kg	
Weight (packed)	19.25 kg	