

STEINWAY LYNGDORF



Steinway & Sons P300

Steinway & Sons P300 surround sound processor from Steinway Lyngdorf is built for the demanding audiophile, who requires the ultimate performance in immersive formats as well as stereo. With the new state-of-the-art HDMI and decoder boards, the P300 pass-through 4K-60Hz video with full decoding of 16 native channels and support of up to 256 speakers – all with RoomPerfect™ room correction and intelligent bass management.

STATE-OF-THE-ART HDMI PROCESSING

The P300 features full HDMI matrix functionality between the 8 HDMI inputs and 5 outputs (one being HDBaseT), and this new masterpiece now supports the HDMI 2.1 feature eARC with Dynamic Lip-Sync as well as the latest decoding and post-processing formats.

With full 16 channel decoding the P300 offers full support of the immersive surround formats DOLBY ATMOS®, DTS:X® PRO and AURO-3D®, and it delivers a surround sound experience that outmatches anything in and above its class.

Allowing a video throughput of up to 18 Gbps the P300 supports the full 4K 60Hz video stream including the passing of HDR or Dolby Vision information. eARC will allow for a full Dolby Atmos audio bitstream being 'returned' to the processor from the television allowing for full audio quality from the TV's built-in media players.

BUILT-IN MEDIA PLAYER

The P300 features a built-in media player, which connects to services like Spotify, Airplay and Roon as well as internet radio. Through a cabled network or USB connector, you

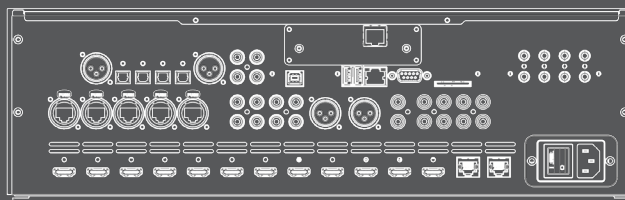
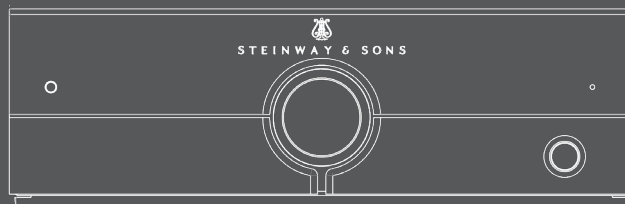
can access your FAT32 based library of music and enjoy it in stereo or upmixed to enjoy it on a multi-channel format.

HIGH EFFICIENCY IN EVERY ASPECT

The Steinway & Sons P300 can only be used with amplifiers and speakers from Steinway Lyngdorf. We guarantee the legacy of absolute perfection that comes with the Steinway & Sons partnership, and this cannot be attained with a mix of "off the shelf" products from different manufacturers. No chain is stronger than the weakest link, and our full system approach ensures high efficiency in every aspect.

THE PERFECT SOUND WITH ROOMPERFECT™

The P300 is equipped with our proprietary RoomPerfect™ room-correction software, the world's most sophisticated technology for adapting the sound system to the environment. With RoomPerfect™, P300 delivers a perfect surround sound experience without the need for extensive room treatment.



SPECIFICATIONS

Description:	Rack mount or freestanding surround sound processor
Key features:	RoomPerfect™, capable of handling up to 256 output channels, HDCP 2.2, 4K resolution, 3D video
Decoding:	Dolby® Atmos, Dolby Digital, Dolby Digital EX, Dolby Digital Plus, Dolby TrueHD, DTS:X Pro, DTS ES Discrete 6.1, DTS ES Matrix 6.1, DTS 96/24, DTS-HD High Resolution Audio, DTS-HD Master Audio, AURO-3D®, 16 native channels
Post processing:	Dolby Surround, AURO-MATIC®, DTS Virtual:X
Inputs:	Audio: 8 x HDMI™ (≤192kHz/24bit), 1 x AES/EBU S/P-DIF input (≤192kHz/24bit), 3 x S/P-DIF coaxial inputs (≤192kHz/24bit), 4 x S/P-DIF optical inputs (≤96kHz/24bit), 1 x USB audio input (≤192kHz/32bit), 1 x microphone input (XLR) for RoomPerfect™ Video: 8 x HDMI™ (2.0b – HDCP 2.2), accepts 3D 30Hz, 4K 60Hz (18Gbps), accepts HDR10, Dolby Vision and HLG
Outputs:	Audio: 5 x Steinway Lyngdorf Digital Links (CAT 5e based), 1 x single ended stereo analog output for secondary audio output (Zone 2), 1 x SPDIF coax digital stereo output for secondary audio output (Zone 2 / Fix: 96kHz/24bit) Video: 4 x HDMI™ (2.0b – HDCP 2.2), 1 x HDBaseT™
Audio specifications:	Frequency response: ±0,5dB from 20 to 20,000 Hz, Total harmonic distortion: 0.005% max from 20 to 20,000 Hz
EQ:	RoomPerfect™, 32 x adjustable voicings holding ≤8 shelving, high/low pass or parametric filters with adjustable gain and Q
Mediaplayer:	Internet radio (vTuner), Spotify connect, DLNA Support of FAT32 based media storage, Airplay, Roon Endpoint (awaiting certification)
Control interfaces:	1 x DB9 RS232 connector, 2 x IR sensor inputs, 1 x IR output (loop from one of the sensor inputs), 1 x trigger input, 4 x trigger outputs, 1 x RJ45 ethernet LAN connector, 2 x USB connectors (backup, updates + FAT32 media storage), 1 x SD card slot (backup - storage for system software and settings)
Optional modules:	16 channel DCI-compliant digital AES/EBU input for movie servers (≤192kHz/32bit) / DB25)
Placement options:	Rack mount or freestanding
Dimensions (W x H x D):	445 x 14 x 35.9 cm / 17.7 x 5.51 x 14.1 in
Weight:	6.6 kg / 14.6 lb
Finish:	Black
Item no.:	900100070
Country of origin:	Denmark