

STEINWAY LYNGDORF



Steinway & Sons P300 2.1

Steinway & Sons P300 2.1 surround sound processor from Steinway Lyngdorf is built for the demanding connoisseur, 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 2.1 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

For large theaters and clients with access to first-run content, the P300 2.1 offers two optional input boards, an AES3 or an AES67 board, allowing seamless integration with DCI-compliant processors and servers. For these connoisseurs, multiple P300 processors may be stacked together allowing one to map out up to 64 channels of native decoding making it compliant with any commercial cinema specification.

The P300 2.1 offers full support for all immersive sound formats such as Dolby Atmos®, DTS:X, and AURO-3D®, as well as 8K and 3D video, HDCP 2.3, and advanced HDMI switching. The P300 2.1 features full HDMI matrix functionality between the five HDMI inputs and two outputs, and this new masterpiece now supports the HDMI 2.1 including features eARC, Dynamic Lip-Sync as well as the latest decoding and post-processing formats. The P300 2.1 supports 40 Gbps fixed rate link (FRL) and 18 Gbps transition minimized differential signaling (TMDS) video rates. It also supports Variable refresh rate (VRR), Quick Frame Transport (or Fast Vactive), and auto low latency mode (ALLM) support and high dynamic range (HDR) metadata passthrough for HDMI dynamic HDR, HDR10+, and Dolby Vision™.

BUILT-IN MEDIA PLAYER

The P300 2.1 features a built-in media player, which con-

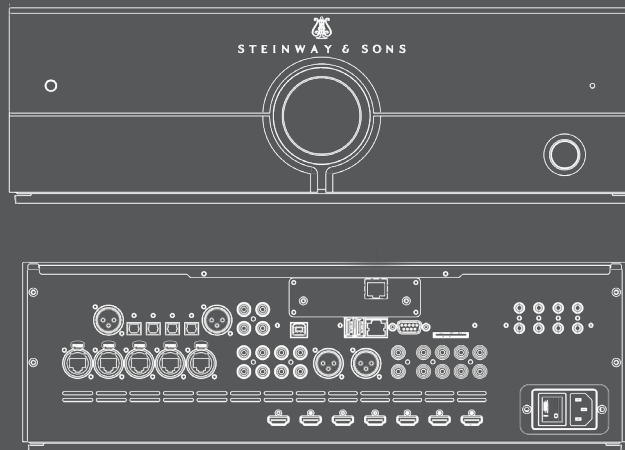
nects to services like Spotify, Airplay and Roon as well as internet radio. Through a cabled network or USB connector, you can access your FAT32 based library of music and enjoy it in stereo or upmixed to enjoy it on a multi-channel format.

HIGH EFFICIENCY IN EVERY ASPECT

The Steinway & Sons P300 2.1 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 quality and high efficiency in every aspect.

THE PERFECT SOUND WITH ROOMPERFECT™

The P300 2.1 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 2.1 delivers an uncompromised sound experience equally well to living rooms, media rooms, and home theaters, with far less demands to design the room around the sound system.



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®, DTS:X, AURO-3D®, and all legacy formats, 16 native channels
Inputs:	Audio: 5 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 (≤96Hz/24bit), 1 x USB audio input (≤192kHz/32bit), 1 x microphone input (XLR) for RoomPerfect™, 1 x balanced stereo analog input (XLR), 4 x single ended stereo analog inputs (RCA), 1 x multichannel single ended analog input (RCA) Video: 5 x HDMI™ (2.1 - HDCP 2.3), accepts 8k30 RGB/YCbCr 4:4:4 10-bit video, 8k60 YCbCr 4:2:0 10-bit high definition video, and 4k120 4:4:4 10-bit high frame rate video, Variable refresh rate (VRR), fast vactive (FVA), and auto low latency mode ALLM support. accepts HDR, 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: 2 x HDMI™ (2.1b, eARC compatible)
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
Mediayer:	Internet radio (vTuner), Spotify connect, DLNA Support of FAT32 based media storage, Airplay, Roon Endpoint
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 AES3 (DB25) or AES67 input for movie servers and processors (≤192kHz/32bit), *For large DCI installations, multiple units will be stacked to handle additional channels
Dimensions (H x W x D): Freestanding	13.8 x 45.0 x 34.2/39.6* cm 5.4 x 17.7 x 13.4/15.4* in
Dimensions (H x W x D): Rack mount	13.3 x 45.0 x 34.2/39.6* cm 5.1 x 17.7 x 13.4/15.4* in (3RU high)
Weight:	8.4 kg / 18.5 lb
Finish:	Matte black
Item no.:	900100080
Country of origin:	Denmark