LYNGDORF MP-60 2.1

SURROUND SOUND PROCESSOR

The MP-60 2.1 surround sound processor from Lyngdorf Audio is built for the demanding audiophile who requires the ultimate performance in immersive formats as well as stereo.

Together with the Steinway Lyngdorf version, the P300, the MP-60 2.1 is developed at the group headquarters in Skive, Denmark. It is equipped with all the advanced technologies for which Lyngdorf Audio is known, including the renowned room correction system RoomPerfect™ and unsurpassed quality in digital signal processing.

STATE-OF-THE-ART HDMI PROCESSING

The MP-60 2.1 processor is intuitive to use and offers extraordinarily easy installation. It decodes up to 16 native audio channels which can be mapped out intelligently through the sleek website interface. The MP-60 2.1 offers full support of the latest immersive surround formats including Dolby Atmos®, DTS:X® Pro and AURO-3D®.

With five HDMI inputs and two outputs, this new masterpiece from Lyngdorf Audio now supports HDMI 2.1 including features eARC, Dynamic Lip-Sync and QMS (Quick Media Switching) as well as the latest decoding and post-processing formats. The MP-60 2.1 supports 40 Gbps fixed rate link (FRL) and 18 Gbps transition minimized differential signaling (TMDS) video rates. The MP-60 2.1 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™.

eARC will allow for a full Dolby Atmos audio bitstream being returned to the processor from the television, ensuring full audio quality from the TV's built-in media players.

FLEXIBILITY IN INSTALLATION

With its visual speaker layout, the setup menu will enable everyone to have the optimal processor setup for their speaker system.

The MP-60 2.1 offers three unique upgrade modules for integration with DCI-compliant servers and processors. One optional upgrade board is an AES67 input/output board for integration with digital cinema servers. In addition to the AES67 board, one may select an AES3 (DB25) input and/or output board for integration with digital cinema servers and other third-party products.

Multiple control options will allow you to integrate the MP-60 2.1 with control systems, IR sensors, and triggers. The MP-60 2.1 has two factory remote control options, both IP and RF remote will offer direct control of all features.

MEDIA PLAYER

The MP-60 2.1 features a built-in media player, which connects to Airplay, Spotify and Roon as well as internet radio. Through a cabled network or USB connector, you can access your library of music and enjoy it in stereo or up-mixed to a surround sound format.

EQUIPPED WITH ROOMPERFECT™

The MP-60 2.1 is equipped with RoomPerfect™, the world's most sophisticated technology for adapting the sound system to the environment. With RoomPerfect™, the MP-60 2.1 delivers a perfect surround sound experience in nearly any environment.

SPECIFICATIONS

Description:	Surround sound processor
Decoding:	16 decoding/upmixing channels, Dolby Atmos®, DTS:X Pro (14 channels), AURO-3D® (14 channels), all legacy codecs
Post processing options:	Dolby Surround, AURO-MATIC®, DTS Neural:X
Audio inputs:	5 x HDMI (1 x HDMI eARC) ≤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™
Audio outputs:	16 x XLR analog outputs (8 Vrms max.), 1 x SPDIF coax digital ZONE output (Fix 96kHz/24bit)
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™, subwoofer level assistant, 32 x adjustable voicings holding ≤8 shelving, high/low pass or parametric filters with adjustable gain and Q
Media player:	Internet radio (vTuner, airable), AirPlay 2, Spotify Connect, Tidal Connect with Dolby Atmos Music, Roon Ready, DLNA Support of FAT32 based media storage
Video inputs:	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
Video outputs:	2 x HDMI™ (HDCP 2.3)
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 A connectors, 1 x SD card slot , (Backup - storage for system software and settings)
Accessories included:	RoomPerfect™ microphone, microphone stand, microphone cable, RF remote control
Optional module:	16 channel DCI-compliant digital AES/EBU input for movie servers (supports up to 32bit/192kHz), 16 channel digital AES/EBU output module (always 24bit, 48kHz or 96kHz Selectable), 16 channel AES67 digital input/output module (supports up to 32bit/192kHz input, output is always 24bit/48kHz)
Placement options:	Rack mount or freestanding
Heat dissipation value:	340 BTU
Standby power consumption:	< 0.5W
Dimensions (H x W x D):	147 x 450 x 370 mm 5.8 x 17.7 x 14.6 inches
Weight:	9 kg / 19 lb
Finish:	Matte black
Item no.:	900010520