



# LYNGDORF MP-50

## SURROUND SOUND PROCESSOR

The MP-50 surround sound processor from Lyngdorf Audio is built for the demanding audiophile who requires the ultimate video performance. It is a scaled down version of the Model P200 from Steinway Lyngdorf. Where the Model P200 is built for a closed, ultra-high-end system, the MP-50 can be combined with any other brand on the market.

The MP-50 offers full support of the new immersive surround formats Dolby Atmos®, DTS:X, and AURO-3D®, and it features balanced outputs for a 11.1 audio setup plus four auxiliary channels, which can be used for additional speakers or woofers.

### BUILT TO LAST

The MP-50 is built to the highest standards. Everything is simply best-in-class:

- the components, e.g. 105 deg C capacitors
- the mechanical design, where PCBs are securely fastened to avoid transport damage, and contact/connection surfaces are gold-plated to secure lasting contact
- the manufacturing, e.g. high-grade PCB material

At the end of its manufacturing process, the MP-50 goes through a 48-hour burn-in before the final QA ensures that you will not only have ultimate performance but also a product with probably the highest reliability in the industry.

### DEAD SILENT

Because of the extremely low background noise, you can enjoy everything from the faintest details to the loudest bangs with full dynamics and realism. To enjoy the silent passages, your room also needs to be quiet. This is where the digital approach has another benefit since the MP-50 requires no forced cooling. You will not hear any noisy fans running to cool it.

### VOICING TOOL

The built-in voicing tool will allow you to customize 32 voicings, thus changing the overall tonality of the system to your preferences and dedicating voicings to each input of the MP-50. Each voicing can consist of up to eight filters with adjustable gain and Q.

### MEDIA PLAYER

The MP-50 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 as up-mixed to a surround sound format.

### FLEXIBILITY IN INSTALLATION

Increased flexibility is achieved through HDBaseT™, a feature set that converges uncompressed full HD digital video, audio, and 100BaseT Ethernet through a single CAT5 cable to your projector or TV. Multiple control options allow you to integrate the MP-50 with control systems, IR sensors, and triggers, whereas the IP-control or the RF remote offer a direct control of all features. The remote web interface and ihiji offer a professional installer total control and assurance of performance over time.

## EQUIPPED WITH ROOMPERFECT™

The MP-50 is equipped with RoomPerfect™, the world's most sophisticated technology for adapting the sound system to the environment. With RoomPerfect™, the Model MP-50 delivers a perfect surround sound experience, and it reduces the need for bulky bass traps and other expensive acoustic treatment.



## SPECIFICATIONS

<b>Description:</b>	Surround sound processor
<b>Decoding:</b>	Dolby Atmos®, Dolby Digital, EX & Plus, Dolby TrueHD, DTS:X, DTS ES Discrete 6.1, DTS ES Matrix 6.1, DTS 96/24, DTS-HD High Res. Audio, DTS-HD Master Audio, AURO 3D®
<b>Post procession options:</b>	Dolby surround, AURO-MATIC®, DTS NEO:X, DTS neural:X, Stereo, party (all channels stereo)
<b>Audio inputs:</b>	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 B audio input (≤192kHz/32bit), 1 x microphone input (XLR) for RoomPerfect™ calibration
<b>Audio outputs:</b>	16 x XLR analog outputs (16 Vrms), 1 x SPDIF coax digital output (Zone Output – fixed 96kHz/24bit)
<b>Audio specifications:</b>	Frequency response: ±0,5dB from 20 to 20,000 Hz, Total harmonic distortion: 0.005% max from 20 to 20,000 Hz
<b>EQ:</b>	RoomPerfect™, Subwoofer level assistant, 32 x adjustable voicings holding ≤8 shelving, high/low pass or parametric filters with adjustable gain and Q
<b>Media player:</b>	Internet radio, Airplay, Spotify Connect, DLNA Support (Stereo)
<b>Video inputs:</b>	8 x HDMI™ (HDCP 2.2), Accepts 3D, 4K U-HD & HDR10
<b>Video outputs:</b>	2 x HDMI™ (HDCP 2.2), 1 x HDBaseT™
<b>Video scaling:</b>	Upscaling of all video to 4K ultra high definition, No downscaling of 4K video
<b>Control interfaces:</b>	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, 1 x SD card slot, (Backup - storage for system software and settings)
<b>Accessories included:</b>	RoomPerfect™ microphone, Microphone stand, Microphone cable, RF remote control
<b>Optional module:</b>	16 channel DCI-compliant digital AES/EBU input for movie servers
<b>Placement options:</b>	Rack mount or freestanding
<b>Cooling:</b>	Passive/no noise
<b>Dimensions (H x W x D):</b>	147 x 450 x 370 mm 5.8 x 17.7 x 14.6 inches
<b>Weight:</b>	9 kg / 19 lb
<b>Finish:</b>	Matte black