



# LYNGDORF MP-40

## SURROUND SOUND PROCESSOR

The MP-40 surround sound processor from Lyngdorf Audio holds all the sonic qualities and processing powers of the flagship model, MP-60. The MP-40 offers full Lyngdorf qualities plus ease of installation and use, and is the perfect choice for demanding home cinema enthusiasts.

### STATE-OF-THE-ART AUDIO PROCESSING

The MP-40 features decoding and balanced outputs for 12 audio channels. With three HDMI inputs and one output, this new masterpiece from Lyngdorf Audio supports HDMI 2.0b with the HDMI 2.1 feature eARC and Dynamic Lip-Sync.

The MP-40 offers full support of the immersive surround formats DOLBY ATMOS®, DTS:X®, and AURIO-3D®, and with RoomPerfect™ calibration on all channels, it delivers a surround sound experience that outmatches anything in and above its class. Allowing a video throughput of up to 18 Gbps, the MP-40 supports full 4K 60Hz video stream including Dolby Vision, HDR10, and HLG.

eARC enables a full Dolby Atmos audio bitstream to be “returned” to the processor from the television, allowing for full audio quality from the TV’s built-in media players. The MP-40 also supports pass-through of the new HDR format for broadcast, HLG (Hybrid Log Gamma).

### BUILT-IN MEDIA PLAYER

The MP-40 features a built-in media player, which connects to services like Spotify, Airplay, upnp, 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 up-mixed on a surround sound format.

### ROOMPERFECT™ ROOM CORRECTION

The MP-40 is equipped with RoomPerfect™, the world’s most sophisticated technology for adapting the sound system to the environment. The RoomPerfect™ calibration ensures a perfect surround sound experience, no matter which speakers you use and in which room you position the setup. This eliminates the need for bulky bass traps and other expensive acoustic treatment.

With RoomPerfect™ and bass management, enabled through true integration of main speakers and subwoofers, it is now possible to obtain seamless level alignment where you experience a lifelike sound scenery instead of individual loudspeakers. This gives more freedom when choosing speakers and their placement and guarantees consistent performance.

### DEAD SILENT

The MP-40 has no forced cooling, so you will never hear any noisy fans. If used with the Lyngdorf SDA-2400 power stages, which don’t have fans either, you will have a dead silent system, where you can enjoy everything from the faintest details to the loudest bangs with full dynamics and realism.

### CUSTOM VOICINGS

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-40. You can even create a voicing to compensate for a bad sounding recording. Each voicing can consist of up to eight filters with adjustable gain and Q, all controlled through the browser interface showing the effect of each filter as well as the overall effect to the tonality.



## 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 processing options:</b>	Dolby Surround, AURO-MATIC®, DTS Neural:X
<b>Audio inputs:</b>	3 x HDMI ( $\leq 192\text{kHz}/24\text{bit}$ ), 1 x HDMI eARC, 1 x AES/EBU S/P-DIF input ( $\leq 192\text{kHz}/24\text{bit}$ ), 3 x S/P-DIF coaxial inputs ( $\leq 192\text{kHz}/24\text{bit}$ ), 4 x S/P-DIF optical inputs ( $\leq 96\text{kHz}/24\text{bit}$ ), 1 x USB audio input ( $\leq 192\text{kHz}/32\text{bit}$ ), 1 x microphone input (XLR) for RoomPerfect™
<b>Audio outputs:</b>	16 x XLR analog outputs (5.0 Vrms), 1 x SPDIF coax digital ZONE output (Fix 96kHz/24bit)
<b>Audio specifications:</b>	Frequency response: $\pm 0,5\text{dB}$ 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 $\leq 8$ shelving, high/low pass or parametric filters with adjustable gain and Q
<b>Media player:</b>	Internet radio (vTuner), Airplay, Spotify Connect, Roon Endpoint, DLNA Support of FAT32 based media storage
<b>Video inputs:</b>	3 x HDMI (2.0b - HDCP 2.2), accepts 3D 30Hz, 4K 60Hz (18 Gbps), accepts HDR formats: Dolby Vision, HDR, HLG
<b>Video outputs:</b>	1 x HDMI (2.0b – HDCP 2.2 – eARC)
<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 A 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>Placement options:</b>	Rack mount or freestanding
<b>Dimensions (H x W x D):</b>	140 x 450 x 359 mm 5.51 x 17.7 x 14.1 inches
<b>Weight:</b>	6.7 kg / 14.8 lb
<b>Finish:</b>	Matte black
<b>Item no.:</b>	900010499