

LYNGDORF



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# Technology with a purpose

For nearly two decades, our technologies have stood as some of the greatest developments in the science of sound. We created the world's first fully digital amplifier, the iconic Millennium, and the most sophisticated room correction technology in existence, RoomPerfect™, and we continue to improve and innovate in everything we do.

The Lyngdorf Audio approach to product development has always been to implement technologies which are tested, proven, and supported by hard facts. Our technologies are there for a reason – to make an audible and measurable difference. Despite their advanced technologies, Lyngdorf Audio components are among the easiest to install in the audio market. They are also built to last, imbued with a strength and longevity unseen in competing products.

# Two Distinct Brands. One Unique Standard.

Lyngdorf Audio components are built with the same revolutionary DNA as that of Lyngdorf's sister product line, Steinway & Sons. Both product lines offer the same cutting-edge research and development that have made the name Lyngdorf synonymous with highly advanced audio technologies. Lyngdorf Audio components offer the additional benefit of flexible connectivity and the ability to be combined with other component brands as you wish.









# The world's finest room correction

With most systems, the majority of the sound you hear comes not from your speakers, but from your room. The placement of your speakers and the shape and dynamics of the room (echoes, reflections, and absorption) have great influence on what you hear. Because no available room correction system would make your speakers sound exactly as the manufacturer intended them to, we had to develop RoomPerfect™.

**RoomPerfect™ is the most  
advanced and user-friendly room  
correction system in the world.**

It identifies the characteristics of your speakers and the influence of your room, and simply takes the room out of the equation.

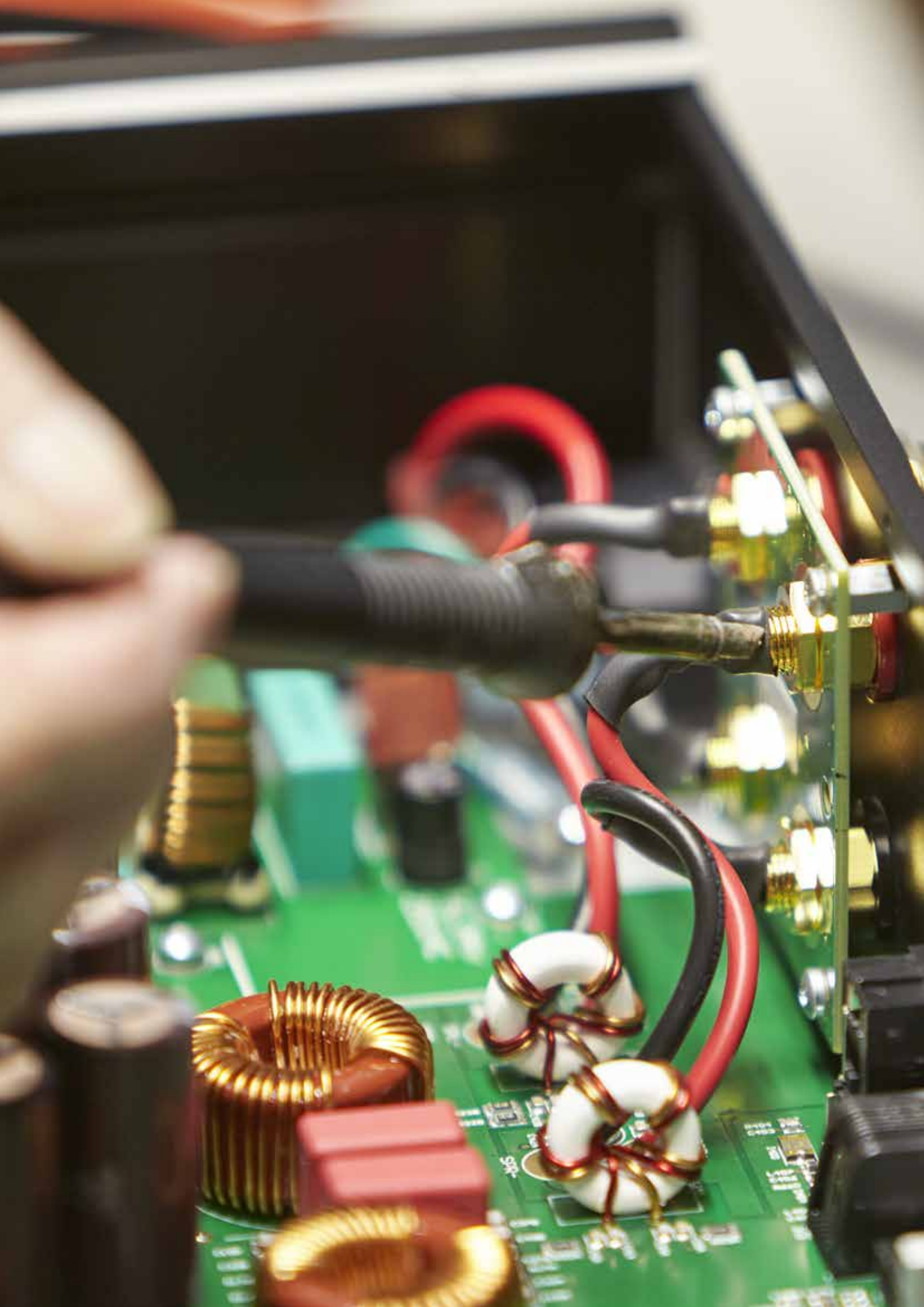


LYNGDORF

# Acoustic expertise

A thorough understanding of how rooms and speakers interact enables us to design loudspeakers for optimal positioning in your living room. The depth of the cabinet is reduced to a minimum, not only to minimize cabinet contributions and for aesthetic reasons, but also in order to place the drivers as close to the wall as possible.

We wanted the smallest possible enclosures to reduce the cabinets' influence on the sound, and by designing drivers with a magnetic field 50% stronger than conventional designs, Lyngdorf drivers offer higher sensitivity, improved dynamics, and more linear frequency response. With extremely compact, non-resonant cabinets and fine-tuned drivers, we achieve our goal of ultra-dynamic music reproduction without sacrificing natural instrumental and vocal timbre.



# A pioneer in digital amplifiers

Lyngdorf Audio has been a pioneer in the field of innovative digital amplification, and the amplifiers are not your typical Class D designs. At Lyngdorf, we take Class D to the next level. Lyngdorf digital amplifiers deliver low and linear distortion and an impressive signal-to-noise ratio, making them

**the perfect choice for those seeking  
the purest sounding high-power  
amplifier on the market.**

Our TDAI amplifiers employ the Equibit™ technology founded by Peter Lyngdorf in the nineties, preserving the audio signal in the digital domain from input to speaker output – for immaculate detail and resolution. The output stages use Pulse Width Modulation (PWM) with a patented switch speed optimization technology, and volume control is handled by directly adjusting the power supply – thereby maintaining the dynamic quality of the signal. This means that unlike other amplifiers, which have to attenuate signal resolution at low playback levels, a Lyngdorf TDAI provides full scale resolution even at very low listening levels.





# OUR PRODUCT RANGE





# TDAI-1120

## streaming amplifier

Lyngdorf TDAI-1120 provides the ultimate in flexibility. Its small design footprint allows it to be easily placed anywhere in the home, and the vast feature set offers a great variety of streaming options. All the user-friendly features you could ask for are paired with Lyngdorf Audio's world-famous digital amplification technology and patented RoomPerfect™ room correction for the best listening experience.

Connecting the TDAI-1120 to the HDMI (ARC) output of a television will turn the TDAI-1120 into the best sound system possible for your movies. With CEC and eARC lip-sync functionality the TDAI-1120 can connect perfectly with tomorrow's televisions and receive the on-off and volume commands from your television remote.

### A new world of streaming

Connect the TDAI-1120 to your Wi-Fi and enjoy all the integrated streaming services: Chromecast built-in, Spotify® Connect, Roon Ready, AirPlay2, Bluetooth connectivity, Internet Radio (vTuner), Network/local file playback. The TDAI-1120 accepts all your media interfaces and holds itself an advanced media player of the highest quality. Through the network or via the USB connectors, you can access your library of music through the DLNA/ UPnP enabled player. All can intuitively be controlled with your smart phone, tablet, or computer.





## TDAI-1120 Specifications

POWER RATING	2 x 120 W RMS @ 4Ohm / 2 x 60 W RMS @ 8Ohm
MAX OUTPUT CURRENT	30A
AUDIO SPECIFICATIONS	Frequency Response: $\pm 0,5$ dB from 20 to 20,000 Hz Total Harmonic Distortion: 0.05% max from 20 to 20,000 Hz THD-N 1w/8ohm 0,04%, THD-N 1w/4ohm 0,04%
DIGITAL INPUTS (Asynchronous)	2 x Coaxial ( $\leq 192$ kHz/24bit) 2 x Optical ( $\leq 96$ kHz/24bit) 1 x HDMI (TV eARC) ( $\leq 24$ bit/192kHz)
ANALOG INPUTS	1 x Phono Single Ended RCA (RIAA / 47kOhm 100pF) 1 x Analog Single Ended RCA (Max level: 4.0V = 0dBFS) 1 x Microphone input (XLR) for RoomPerfect™ calibration
ANALOG OUTPUTS	1 x Stereo Analog RCA (75ohm-Max output level 4 Vrms)
EQ	RoomPerfect™ Speaker-EQ ICC 32 x adjustable voicings holding $\leq 8$ filters with adjustable gain and Q Bass and Treble adjustments
MEDIA PLAYER	Internet Radio (vTuner), Spotify Connect, Roon Ready, Chromecast built-in, DLNA Support (uPnP/see DLNA formats), AirPlay2, Bluetooth BLE, Local file playback (USB)
WIRELESS CONNECTIONS	Bluetooth connectivity, Wi-Fi (802.11 n)
INTERFACES	Intuitive input selector Web-interface for setup and media player Remote application for IOS and Android IP control, CEC (HDMI) 1 x trigger input 1 x trigger output 1 x RJ45 Ethernet LAN connector 1 x USB connectors (Type A)
REMOTE CONTROL	Infrared (optional)
DIMENSIONS (H x W x D)	10.1 x 30 x 26 cm / 3.98 x 11.8 x 10.3 in
WEIGHT	3,3 kg / 7.3 lb
FINISH	Anodized aluminum, matte black

Specifications are subject to change without notice.



# TDAI-3400

## stereo amplifier

The TDAI-3400 is the most versatile audio processor and amplifier combination on the market. Built for the demanding audiophile and delivering nothing less than the ultimate audio performance, the TDAI-3400 combines raw power with a range of unique tools that allow users to optimize speakers and sound for personal preference. Fully equipped with our proprietary RoomPerfect™ room correction technology, the TDAI-3400 sets new standards for flexibility, bringing exceptional performance to any space. The result is a fully customizable giant of high-quality sound, packaged in a sleek, minimalistic chassis that radiates Danish design at its best.

### Connect audio and video sources

With the available modules, the TDAI-3400 accepts all media interfaces and supports 4K video, HDR, and Dolby Vision pass-through.





## TDAI-3400 Specifications

POWER RATING	2 x 400 W @ 4Ohm (1 kHz, 0.07% THD+N)
MAX OUTPUT CURRENT	40A
AUDIO SPECIFICATIONS	0.04% THD+N, 1W/4Ohm Frequency response: $\pm 0,5$ dB from 20 to 20,000 Hz
DIGITAL INPUTS (Asynchronous)	2 x coaxial digital ( $\leq 192$ kHz / 24 bit) 1 x AES-EBU digital ( $\leq 192$ kHz / 24 bit) 3 x optical digital ( $\leq 96$ kHz / 24 bit) 2 x USB A 1 x USB B ( $\leq 384$ kHz/32 bit + DXD / DSD64 / DSD128)
ANALOG INPUTS	2 x analog single ended RCA
DIGITAL OUTPUTS	1 x coaxial digital (96kHz / 24 bit),
ANALOG OUTPUTS	1 x analog single ended RCA 1 x analog balanced XLR 1 x headphone output 3.5mm Jack
EQ	RoomPerfect™ Speaker-EQ ICC 32 x adjustable voicings holding $\leq 8$ filters with adjustable gain and Q Bass and Treble adjustments
MEDIA PLAYER	Internet radio, Airplay, Roon Ready, Spotify Connect, TIDAL Connect, DLNA Support (Local File Playback)
WIRELESS CONNECTIONS	Bluetooth connectivity, Wi-Fi (802.11 n/ac)
INTERFACES	1 x DB9 RS232 connector 1 x trigger input 1 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)
OPTIONAL MODULES	HDMI module with 3 inputs ( $\leq 192$ kHz/24 bit) and 1 output CEC and ARC / eARC compatible High-end analog input module (1 Phono (MM), 2 RCA unbalanced, 1 XLR balanced)
REMOTE CONTROL	Infrared / Bluetooth BLE
DIMENSIONS (H x W x D)	10 x 45 x 36 cm / 3.9 x 17.7 x 14.2 in
WEIGHT	8 kg / 17.6 lb
FINISH	Anodized aluminum, matte black

Specifications are subject to change without notice.

# Modular upgrades for TDAI-3400

## HDMI 4K input/output module

The HDMI module upgrade provides HDMI 2b support with pass-through of 18Gbps and all HDR formats. The module offers a unique and intelligent way to integrate audio and video into your living room, and at the same time to take full advantage of the higher contrast and greater details of 4K HDR sources and displays. Don't settle for the sound coming from your TV's built-in speakers; it's time for an upgrade.

### **CEC**

The HDMI module is CEC compatible, meaning the TDAI amplifier can automatically turn on and off when your TV or connected HDMI device does. This feature also enables you to use your TV remote to control the volume of the TDAI amplifier.

### **ARC**

The HDMI module supports eARC/ARC (Enhanced Audio Return Channel and Audio Return Channel, depending on the product), which sends the audio from the TV to the TDAI amplifier through the HDMI cable. This is the perfect solution if you have a TV with a built-in tuner and you want audio to come from your audio system.

### **HDMI® for audio**

Connecting your media player or computer to the HDMI module creates a high-speed digital link with copy protection, which allows for play-back of digital high-resolution audio files without any conversions or limitations.





## High-end analog input module

The high-end analog input module is designed to support all high quality analog sources and includes a dedicated input with RIAA compensation for high-output Moving Magnet type cartridges (MM).

The circuitry of the module is based upon our preferred AKM digital-to-analog converter, originally designed for professional audio processing, combining wide bandwidth, dynamic range, flat and low noise floor at its operating frequency of 96 kHz.

The module includes four analog inputs - 1 phono (RIAA, MM), 2 RCA unbalanced inputs and 1 XLR balanced input. You can increase the sensitivity of each input by up to 24 dB, of which the first 6 dB gain is handled via gold-plated relays in order to fully utilize the head room of the analog-to-digital converter.





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SOURCE / MENU

STANDBY

MP-40

BOYFRIEND

COSTUME

SR. 40 FEBRUAR 2020

# MP-40 surround sound processor

The MP-40 surround sound processor offers all the sonic qualities and performance of our flagship processor, the MP-60, in a streamlined design for smaller applications. Ease of installation and user-friendly features are complemented by a simplified feature allowing the opportunity to experience the performance that Lyngdorf Audio is famous for without all the bells and whistles.

## State-of-the-art HDMI processing

The MP-40 features 12 native channel decoding and 16 balanced audio outputs. The MP-40 offers full support of the immersive surround formats DOLBY ATMOS®, DTS:X® and AURO-3D®.

Featuring a streamlined HDMI board with three inputs and one output, the new MP-40 supports HDMI 2.0b with the HDMI 2.1 features eARC and Dynamic Lip-Sync. The advanced HDMI board allows a video throughput of up to 18 Gbps and the full 4K 60Hz video stream including Dolby Vision, HDR10 and HLG (Hybrid Log Gamma). eARC will allow for a full-resolution Dolby Atmos and DTS:X audio bitstream being 'returned' to the processor from the television, allowing for full audio quality from the TV's built-in media players.

RoomPerfect Player

Radio

-55.1



SOURCE / MENU

RoomPerfect



## MP-40 Specifications

DECODING	12 decoding/upmixing channels, Dolby Atmos®, DTS:X, AURO-3D®, all legacy codecs
AUDIO INPUTS	3 x HDMI (≤192kHz/24bit) 1 x HDMI eARC 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
AUDIO OUTPUTS	16 x XLR analog outputs (5.0 Vrms) 1 x SPDIF coaxial 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, Bass and Treble adjustments
MEDIA PLAYER	Internet radio (vTuner), AirPlay, Spotify Connect, Roon Ready, DLNA Support of FAT32 based media storage (uPnP)
VIDEO INPUTS	3 x HDMI (2.0b – HDCP 2.2), accepts 3D 30Hz, 4K 60Hz (18 Gbps), accepts HDR, Dolby Vision and HLG
VIDEO OUTPUTS	1 x HDMI (2.0b - HDCP 2.2 - eARC)
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)
REMOTE CONTROL	Infrared / RF
DIMENSIONS (H x W x D)	14.7 x 45.0 x 37.0 cm / 5.8 x 17.7 x 14.6 in
WEIGHT	8,4 kg / 18.5 lb
FINISH	Anodized aluminum, matte black

Specifications are subject to change without notice.



# MP-60 2.1 surround sound processor

The MP-60 2.1 surround sound processor is equipped with all the advanced technologies for which Lyngdorf Audio is known, including the renowned room correction system RoomPerfect™ and unsurpassed qualities 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 pass-through for HDMI dynamic HDR, HDR10+, and Dolby Vision™.



HDMI 1

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Neutral

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## MP-60 2.1 Specifications

DECODING	16 decoding/upmixing channels, Dolby Atmos®, DTS:X Pro (14 channels), AURO-3D® (14 channels), all legacy codecs
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 (≤96kHz/24bit) 1 x USB audio input (≤192kHz/32bit), 1 x microphone input (XLR) for RoomPerfect™
AUDIO OUTPUTS	16 x XLR analog outputs (5.0 Vrms) 1 x SPDIF coaxial 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, Bass and Treble adjustments
MEDIA PLAYER	Internet radio (vTuner), Airplay, Spotify Connect, Roon Ready, DLNA Support of FAT32 based media storage
VIDEO INPUTS	5 x HDMI (2.1 - 40 Gbps (FRL) and 18 Gbps (TMDS) - HDCP 2.3), accepts 8k30Hz RGB/YCbCr 4:4:4 10-bit video, 8k60Hz YCbCr 4:2:0 10-bit high definition video, and 4k120Hz 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)
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)
REMOTE CONTROL	Infrared / RF
DIMENSIONS (H x W x D)	147 x 450 x 370 mm / 5.8 x 17.7 x 14.6 inches
WEIGHT	8,4 kg / 18.5 lb
FINISH	Anodized aluminum, matte black

Specifications are subject to change without notice.



# SDA-2400 2-channel power amplifier

The powerful SDA-2400 2-channel power amplifier features both traditional balanced and single-ended analog inputs in addition to digital inputs to cover any need. This power amplifier can function in a traditional stereo or multichannel setup, but with its digital input and built-in high-end audio DAC it's also a powerful companion to media players and streaming devices with integrated volume control.

## Smart power

The SDA-2400 has no on/off button. It will automatically go into stand-by mode when not in use. When a signal is detected, the amplifier will turn on automatically. If your connected device has a 12V trigger output, you can set the amplifier to be always on; then, with the trigger, you can control the power state of the SDA-2400, and even daisy-chain several SDA-2400 amplifiers.



## SDA-2400 Specifications

POWER RATING	2 x 400 W @ 4Ohm (1 kHz, 0.05% THD+N)
MAX OUTPUT CURRENT	40A
AUDIO SPECIFICATIONS	0.004% THD+N, 1W/4Ohm Frequency response: -0/+0,1dB from 20 to 20,000 Hz
INPUTS	1 x analog single ended RCA 1 x analog balanced XLR 1 x coaxial digital 1 x optical digital
POWER MODES	Input detection (all inputs have signal detection), always on
TRIGGER (12V)	1 x input, 1 x output
DIMENSIONS (H x W x D)	7.3 x 45 x 36 cm* / 2.9 x 17.7 x 14.2 in* *including 1.3cm / 0.5in feet.
WEIGHT	6.5 kg / 14.3 lb
FINISH	Anodized aluminum, matte black

Specifications are subject to change without notice.



# CD-2 CD player

The CD-2 CD player provides the unsurpassed performance expected from a Lyngdorf Audio product. Developed with the experience gained from multiple-award-winning Lyngdorf Audio digital amplifiers and CD players, this player is one of the best sounding audio CD players on the market.

## Designed for audio only

The CD-2 is specifically designed for Red Book digital audio only, and for this reason, using a pure audio drive is both simpler and better. All multiformat drives are based on video designs and clocks, and the audio output is then re-sampled (uncontrolled) to audio output clocks. Many choose to optimize the clock on the drive itself, but no matter what you do, ground potentials are difficult to control and the engine control board induces noise.

The Lyngdorf Audio philosophy is to get the audio signal as clean as possible and to do the optimization based on the Lyngdorf precision clock system. Based on previous work with CD players and fully digital amplifiers, we know the do's and don'ts of clock systems. For the CD-2, we have implemented the clock from the Millennium Mk IV. The key is low phase noise in the audio band.







## CD-2 Specifications

OUTPUTS	1 x Coaxial Digital (galvanic isolated) 1 x Optical Digital 1 x Analog Single Ended RCA 1 x Analog Balanced XLR
AUDIO SPECIFICATIONS	0.0018% THD+N, 1W/4Ohm Frequency response: - +/- 0.02dB from 20 to 20,000 Hz A
EQ	ICC on analog output
SAMPLE RATES	44.1kHz, 16 bit - 48/96/192kHz, 24 bit
DIMENSIONS (H x W x D)	5.8 x 45.0 x 37.5 cm* / 2.3 x 17.7 x 14.8 in* *incl front knob and connectors
WEIGHT	6.1 kg / 13.5 lb
FINISH	Anodized aluminum, matte black

Specifications are subject to change without notice.



# MH-3

## satellite speaker

Based upon the compact Lyngdorf speaker designs, the MH-3 sets a new bar for how small a speaker can be, while still providing high-level dynamic performance. With a focus on reproduction of open voices and tight transients, the MH-3 is the optimal choice for a small stereo or home cinema installation with subwoofers.

### Flexibility in installation

The MH-3 provides significant flexibility in placement due to the compact cabinet design, on-wall mounting by using a 100x100 bracket or the integrated keyhole hanger, speaker wire groove, and wide vertical dispersion pattern of the special tweeter design. The MH-3 may be placed 12"/30 cm above or below listening height without compromising the listening experience. This is the result of the very compact design of the soft dome tweeter, chosen for its lightweight structure, low noise, and linear frequency response. This tweeter has the added advantage of emphasizing musicality over analytic qualities, thus providing a truly musical experience.



## MH-3 Specifications

POWER HANDLING	80 W
TWEETER	1" textile soft dome, PTC protection
MIDRANGE DRIVER	Size 4", 25mm voice coil, cone material: aluminum, vented magnet
ENCLOSURE	Closed cabinet type, full MDF construction, volume: 0.8 liters
FREQUENCY RANGE	110 to 20.000 Hz (-3dB)
NOMINAL IMPEDANCE	4 Ohm
SENSITIVITY	84 dB (2.87V/1m)
CONNECTIONS	Binding posts
DIMENSIONS (W x H x D)	14 x 19.2 x 8 cm / 5.5 x 7.6 x 3.27 inches
WEIGHT	2.3 kg / 5.1 lb
FINISH	High-gloss black, matte black or matte white

Specifications are subject to change without notice.



# MH-2

## satellite speaker

The MH-2 audiophile satellite speaker is designed with a focus on discretion and clear, unstressed sound. Available in high-gloss black or matte white, it has been designed for optimal dynamic performance combined with genuine musicality.

The speaker cones are made from extremely light and stiff aluminum and designed with a single, well-defined break-up point, which is easily counteracted in the internal filters. The result is natural and detailed sound even at high music levels. The tweeters are 1" soft textile domes, which are chosen for their lightweight design, low noise, and linear frequency response to emphasize musicality. Due to its compact dimensions, it is mounted very close to the midrange driver in order to optimize vertical dispersion. On-wall mounting by using a 100x100 bracket or the integrated keyhole hanger, speaker wire groove, and the wide vertical dispersion means greater flexibility in placing the speakers.





## MH-2 Specifications

POWER HANDLING	100 W
NOMINAL IMPEDANCE	4 Ohm
TWEETER	1" textile soft dome with PTC protection
MIDRANGE DRIVER	5,25" Ø 35mm / 1.4in voice coil Cone Material: aluminum Vented magnet
FREQUENCY RANGE	110 to 20,000 Hz (-3dB)
SENSITIVITY	87 dB (2.87V/1m)
DIMENSIONS (H x W x D)	24 x 19 x 9.5 cm / 9.5 x 7.5 x 3.7 in
WEIGHT	3.1 kg / 6.8 lb
FINISH	High-gloss black or matte white

Specifications are subject to change without notice.



# FR-1

## full range speaker

This two-way, full range loudspeaker elevates our compact speaker design to a new level of performance with the genuine musicality that defines Lyngdorf Audio. Our focus on dynamic performance results in a closed cabinet design with a large slave unit, suppressing the internal resonance frequency and allowing deep bass from this elegant, shallow cabinet.

### Slim cabinet for optimal sound and placement

Designed for on-wall mounting with its integrated speaker wire groove and wall bracket, the FR-1 is compact and solid, emphasizing our focus on dynamic music reproduction without sacrificing natural timbre. The depth of the cabinet is reduced to a minimum to ensure discreet placement and to keep the drivers as close to the wall as possible for optimal coupling to the room.

With a new powerful 6.5" driver and the added output from the slave unit, the FR-1 does not need the support of a subwoofer. Voices are exceptionally open, and transients are tight and clean, making the FR-1 the optimal choice for an elegant home media installation.



## FR-1 Specifications

POWER HANDLING	100 W
NOMINAL IMPEDANCE	4 Ohm
TWEETER	1" textile soft dome with PTC protection
MIDRANGE DRIVER	6,5" + 8" Passive woofer Ø 35mm / 1.4in voice coil Cone Material: aluminum Vented magnet Die Cast Basket
FREQUENCY RANGE	50 to 20,000 Hz (-3dB)
SENSITIVITY	89 dB (2.87V/1m)
DIMENSIONS (H x W x D)	57 x 34 x 11.5 cm / 22.4 x 13.4 x 4.5 in
WEIGHT	9.1 kg / 20.1 lb
FINISH	High-gloss black or matte white

Specifications are subject to change without notice.







# CS-1 full range in-cabinet speaker

The Lyngdorf CS-1 is a compact full range loudspeaker specifically designed for discreet placement inside cabinets such as lowboards, sideboards and TV furniture.

For this purpose, the CS-1 is constructed as a horizontal rather than vertical loudspeaker design. The bass reflex is front-ported, while the tweeter is mounted both elevated and angled. This special tweeter placement reduces sound diffractions from furniture edges inside a cabinet and also improves sound radiation toward the listening area.

## Best sound performance

For best sound performance the Lyngdorf CS-1 is based on the same midrange/bass driver and tweeter as the successful FR-1 two-way loudspeaker, while the overall construction and sound tuning have been specifically designed for in-cabinet placement.

Designed for placement inside cabinets and furniture, the CS-1 is a solid MDF construction with a durable and easy to clean matte-black lacquer. Self-adhesive rubber pads are supplied with the speaker to prevent any scratches on the furniture surface and to absorb resonance between furniture and speaker.

The CS-1 comes without any front grille to allow for the clearest sound performance, for example behind the fabric doors of TV furniture.



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## CS-1 Specifications

POWER HANDLING	100 W
NOMINAL IMPEDANCE	4 Ohm
TWEETER	1" textile soft dome with PTC protection
MIDRANGE/BASS DRIVER	6,5" Ø 35mm / 1.4in voice coil Cone Material: aluminum Vented magnet Die Cast Basket
FREQUENCY RANGE	42 to 22,000 Hz (-3dB)
SENSITIVITY	88 dB (2.83V/1m)
DIMENSIONS (H x W x D)	20.0 x 42.0 x 29.5 cm / 7.9 x 16.5 x 11.6 in
WEIGHT	7.9 kg / 17.4 lb
FINISH	Matte black

Specifications are subject to change without notice.



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# BW-3 high bandwidth subwoofer

The BW-3 subwoofer works well in all types of setups, as the amplifier module contains the traditional signal controls as well as a bypass switch for easy and direct connection to Lyngdorf Audio amplifier outputs or to other audio products, with full control of the sub-out connection.

The BW-3 is delivered without feet mounted, as the compact cabinet design allows for multiple ways to integrate the speaker with home décor. With cabinet dimensions reduced to a minimum, the BW-3 can be positioned standing upright or on its side in order to fit into the available space. This construction makes it the perfect match for any setup, as a subwoofer for other speakers in a stereo or home cinema system.

## Powerful and compact design

The internal amplifier is Lyngdorf Audio's Class-D design based on more than 15 years of experience in designing audiophile Class-D amplifiers. With an output of 400 watts, it can deliver ample power to control the powerful 8" driver - even at high levels. The BW-3 is equipped with a long-throw driver mounted in an extremely compact enclosure. For the driver to work in such a compact cabinet, with only 7 liters of internal volume, a custom unit was designed. The 8" woofer features a massive "motor," which has an extremely fast response and high efficiency.



## BW-3 Specifications

AMPLIFIER	400 watt RMS, class-D type
DRIVER	8" long-throw driver Ø 38mm / 1 1/2 in voice coil Cone material: aluminum
FREQUENCY RANGE	27 to 200 Hz (using line in input) 27 to 800 Hz (using bypass input & with filters in amplifiers)
CONTROLS	Bypass switch Phase control (0 to -180°) Level control X-over frequency (60 to 200 Hz) Auto on / always on
DIMENSIONS (H x W x D)	31.5 x 23 x 17.2 cm / 12.4 x 9.1 x 6.8 inches
WEIGHT	8.9 kg / 19.6 lb
FINISH	High-gloss black or matte white

Specifications are subject to change without notice.





LYNGDORF

# BW-2 high bandwidth subwoofer

The active BW-2 is designed as a high bandwidth subwoofer with a focus on reproducing music and soundtracks with full dynamics and precision. Designed with discretion, the BW-2 can be seamlessly integrated in any contemporary interior, and can be positioned standing upright or on its side in order to fit into the available space.

The internal amplifier in the BW-2 is not your standard amplifier, but our own concept based on more than 20 years of experience in audiophile amplifiers. Developed for this specific product and with an output of 400 watts, it can deliver ample power to control the driver even at extreme levels.

## Long-throw driver

The custom-made 10" long-throw woofer driver features a massive magnet and voice coil to control the frequency response in the compact cabinet. This results in extremely fast response and high efficiency. To ensure perfect piston movement of the cone, it is manufactured in deep anodized aluminum. The open basket design allows ventilation below the spider, which, together with the vented pole piece, prevents over and under pressure from causing mechanical losses when the cone is moving.



## BW-2 Specifications

AMPLIFIER	400 watt RMS, class-D type
DRIVER	10" long-throw driver (+/- 15mm/0.6 in) Ø 50mm / 2in voice coil Cone material: deep anodized aluminum 86oz / 2.4kg vented magnet
FREQUENCY RANGE	25 to 200 Hz (using line in input) 25 to 800 Hz (using bypass input & with filters in amplifiers)
CONTROLS	Bypass switch Phase control (0 to -180°) Level control X-over frequency (60 to 200 Hz) Auto on / always on
DIMENSIONS (H x W x D)	44 x 32.5 x 17.2 cm / 17.3 x 12.8 x 6.8 in
WEIGHT	17.7 kg / 39.0 lb
FINISH	High-gloss black or matte white

Specifications are subject to change without notice.





# D-500 & D-500 Center in-wall speakers

D stands for discreet – all models are designed as installation speakers for discreet in-wall or in-ceiling integration, featuring a wall-fixing mechanism with mounting legs. All models also come with their own loudspeaker enclosure, making system planning and the actual installation as easy as possible, with no after-market backbox or closed wall cavity required. This also ensures that the sound performance is always defined and consistent, depending less on the wall construction and the available space behind the wall.

The Lyngdorf Discreet series consists of four different speaker models, which can be used together depending on the room size and budget, and optionally complemented by the BW-20 boundary woofer.

## D-500 models designed as full-range speakers

The D-500 models are designed as full-range speakers, with two passive woofers complementing the midrange driver and tweeter. This design makes the D-500 models easy to drive while reaching below 50Hz, suitable for systems without a subwoofer in smaller or medium sized rooms, or as full range in-wall speakers in a stereo setup left and right of a TV. The D-500 is designed as an upright, vertical loudspeaker, while the D-500 Center incorporates the same drive-units in a horizontal design better suited for placement below a TV or behind a transparent screen.



## D-500 & D-500 Center Specifications

MODEL	Lyngdorf D-500
DESCRIPTION	2 way speaker with 2 passive woofers
TWEETER	28 mm / 1,1" soft dome
MIDRANGE DRIVER	175 mm, 38 mm voice coil, aluminum cone, vented magnet
PASSIVE WOOFER	2 x 175 mm, aluminum cones
ENCLOSURE	Closed compound cabinet
FREQUENCY RANGE	50 – 22.000 Hz (-3 dB)
NOMINAL IMPEDANCE	4 Ohm
SENSITIVITY	88 dB (2.83V/1m)
POWER HANDLING	100 W (IEC)
MAXIMUM SPL	105 dB
CROSSOVER POINT	2,5 kHz
CONNECTIONS	Binding posts
MOUNTING	In-wall
DIMENSIONS (W X H X D)	254 x 779 x 106 mm / 10 x 30.7 x 4.2 inches
CUT-OUT DIMENSIONS (W X H X D)	226 x 751 x 100 mm / 8.9 x 29.6 x 3.9 inches
WEIGHT	6,4 kg / 14.1 lb
FINISH	Matte black, white grill

MODEL	Lyngdorf D-500 Center
DESCRIPTION	2 way speaker with 2 passive woofers
TWEETER	28 mm / 1" soft dome
MIDRANGE DRIVER	175 mm, 38 mm voice coil, aluminum cone, vented magnet
PASSIVE WOOFER	2 x 175 mm, aluminum cones
ENCLOSURE	Closed MDF cabinet
FREQUENCY RANGE	50 – 22.000 Hz (-3 dB)
NOMINAL IMPEDANCE	4 Ohm
SENSITIVITY	88 dB (2.83V/1m)
POWER HANDLING	100 W (IEC)
MAXIMUM SPL	105 dB
CROSSOVER POINT	2,5 kHz
CONNECTIONS	Binding posts
MOUNTING	In-wall
DIMENSIONS (W X H X D)	646 x 388 x 109 mm / 25.4 x 15.3 x 4.3 inches
CUT-OUT DIMENSIONS (W X H X D)	618 x 360 x 104 mm / 24.3 x 14.2 x 4.1 inches
WEIGHT	11,5 kg / 25.4 lb
FINISH	Matte black, white grill

Specifications are subject to change without notice.





# D-5 in-wall & D-5 IC in-ceiling speakers

The D-5 and D-5 IC are designed as surround and immersive speakers, but each model can be used anywhere in a multichannel setup depending on the room size and seat layout, and complemented by the Lyngdorf BW-20 boundary woofer.

## D-5 with a versatile square cabinet design

The D-5 incorporates a two-way speaker design with a midrange driver and soft dome tweeter in a square cabinet construction. The midrange driver and tweeter are mounted closely together, which provides an even sound radiation and helps integrate the D-5 as surround speakers. The D-5 is intended to be used as front speakers in small to medium rooms as well as surrounds in small, medium and larger rooms.

## D-5 IC with adjustable tweeter for immersive audio

The D-5 IC model features an angled, adjustable tweeter. Together with the square cabinet design, this construction allows the sound to beam towards the listening area, mounted above in front, at the sides, or behind the listeners. The tweeter radiation can further be fine tuned after the installation.

## D-5 & D-5 IC Specifications

MODEL	Lyngdorf D-5
DESCRIPTION	2 way speaker
TWEETER	25 mm / 1" soft dome
MIDRANGE DRIVER	180 mm, 35 mm voice coil, aluminum cone, vented magnet
ENCLOSURE	Closed MDF cabinet
FREQUENCY RANGE	80 - 20,000 Hz (-3 dB)
NOMINAL IMPEDANCE	4 Ohm
SENSITIVITY	89 dB (2.83V/1m)
POWER HANDLING	100 W (IEC)
MAXIMUM SPL	106 dB
CROSSOVER POINT	2,2 kHz
CONNECTIONS	Binding posts
MOUNTING	In-wall
DIMENSIONS (W X H X D)	362 x 362 x 109 mm / 14.25 x 14.25 x 4.3 inches
CUT-OUT DIMENSIONS (W X H X D)	334 x 334 x 104 mm / 13.2 x 13.2 x 4.1 inches
WEIGHT	6,4 kg / 14.1 lb
FINISH	Matte black, white grill

MODEL	Lyngdorf D-5 IC
DESCRIPTION	2 way speaker
TWEETER	25 mm / 1" soft dome
MIDRANGE DRIVER	180 mm, 35 mm voice coil, aluminum cone, vented magnet
ENCLOSURE	Closed MDF cabinet
FREQUENCY RANGE	80 - 20,000 Hz (-3 dB)
NOMINAL IMPEDANCE	4 Ohm
SENSITIVITY	88 dB (2.83V/1m)
POWER HANDLING	100 W (IEC)
MAXIMUM SPL	105 dB
CROSSOVER POINT	2,2 kHz
CONNECTIONS	Binding posts
MOUNTING	In-ceiling
DIMENSIONS (W X H X D)	362 x 362 x 114 mm / 14.25 x 14.25 x 4.5 inches
CUT-OUT DIMENSIONS (W X H X D)	334 x 334 x 109 mm / 13.2 x 13.2 x 4.3 inches
WEIGHT	6,9 kg / 15.2 lb
FINISH	Matte black, white grill

Specifications are subject to change without notice.





# LS-1000 in-wall speakers

With our experience in creating speakers for Steinway Lyngdorf reference home theaters, especially the outstanding Steinway & Sons LS models, combined with our experience from the Lyngdorf MH and FR speakers, our engineers have developed the LS-1000 for Lyngdorf Audio systems. Four LS-1000 modules combined create a line source speaker, with each module consisting of four 115mm midrange drivers with light aluminum cones, 25mm voice coils and powerful vented magnets, complemented by eight 1" soft dome tweeters. Four LS-1000 modules combined result in a line array with 16 midrange drivers and 32 tweeters.

## LS-1000 Left, Right and Center

Depending on the room width, seat layout, speaker position and screen size, three different LS-1000 models have been designed for the best sound dispersion into the room:

The Lyngdorf LS-1000 Left has a sound dispersion slightly beaming inwards when placed on the left side, away from the sidewall and towards the listening area.

The Lyngdorf LS-1000 Center has the tweeters mounted centered, leading to a wider sound dispersion equal to the left and right. This makes it an ideal choice as Center speaker behind an acoustically transparent screen, or even as left and right speakers to achieve the widest possible listening area in a wide room.

The Lyngdorf LS-1000 Right has a sound dispersion slightly beaming inwards when placed on the right side, away from the side-wall and towards the listening area.



## LS-1000 Specifications

MODEL	Lyngdorf LS-1000 Left/Right
DESCRIPTION	2-way line source, closed
TWEETER	8 pcs 1" soft dome
MIDRANGE DRIVER	4 pcs 115 mm, 25mm voice coil, aluminum cone, vented magnet
ENCLOSURE	MDF
FREQUENCY RANGE	100 – 20.000 Hz (-3 dB) <i>(for four LS-1000 modules)</i> <i>Frequency extension down to 50 Hz depending on EQ</i>
NOMINAL IMPEDANCE	4 Ohm <i>(for four LS-1000 modules)</i> (16 Ohm per module)
SENSITIVITY	98 dB (2.83 V/1 m) <i>(for four LS-1000 modules)</i>
POWER HANDLING	300 W (IEC) <i>(for four LS-1000 modules)</i>
MAXIMUM SPL	120 dB <i>(for four LS-1000 modules)</i>
CROSSOVER POINT	1,8 kHz
CONNECTIONS	Screw terminals
MOUNTING	In-wall
DIMENSIONS (W x H x D)	280 x 500 x 85 mm / 11 x 19.7 x 3,35 inches + mounting
WEIGHT	9,9 kg / 21.8 lb
FINISH	Matte black
MODEL	Lyngdorf LS-1000 Center
DESCRIPTION	2-way line source, closed
TWEETER	8 pcs 1" soft dome
MIDRANGE DRIVER	4 pcs 115 mm, 25mm voice coil, aluminum cone, vented magnet
ENCLOSURE	MDF
FREQUENCY RANGE	100 – 20.000 Hz (-3 dB) <i>(for four LS-1000 modules)</i> <i>Frequency extension down to 50 Hz depending on EQ</i>
NOMINAL IMPEDANCE	4 Ohm <i>(for four LS-1000 modules)</i> (16 Ohm per module)
SENSITIVITY	98 dB (2.83 V/1 m) <i>(for four LS-1000 modules)</i>
POWER HANDLING	300 W (IEC) <i>(for four LS-1000 modules)</i>
MAXIMUM SPL	120 dB <i>(for four LS-1000 modules)</i>
CROSSOVER POINT	1,8 kHz
CONNECTIONS	Screw terminals
MOUNTING	In-wall
DIMENSIONS (W X H X D)	280 x 500 x 85 mm / 11 x 19.7 x 3,35 inches + mounting
WEIGHT	10,4 kg / 22.9 lb
FINISH	Matte black

Specifications are subject to change without notice.



# BW-20 passive boundary woofer

The BW-20 complements the Lyngdorf LS and D custom installation speakers, designed for both stereo and multichannel systems. BW stands for Boundary Woofer – a Lyngdorf approach where a subwoofer is designed to be placed near the wall boundaries, for example right in the corner, achieving the best bass impulse response by avoiding delayed bass bouncing back off the walls, instead taking advantage of room acoustics. The BW-20 is the company's largest BW model, extending the line-up of the compact in-room woofers BW-2 and BW-3.

## In-wall, on-wall, in-room

The overall construction with both woofers on one side, closet cabinet design, shallow cabinet depth and satin-matte finish allow both in-wall and in-room placement. The best performance and speaker integration will be achieved as an in-wall woofer together with in-wall speakers, while the cabinet design also allows placement in the room, used as a free-standing boundary woofer firing into the room or against the wall.



## BW-20 Specifications

DESCRIPTION	Passive boundary woofer, closed
WOOFER	Two 12" long throw +/- 20mm, 67mm voice coil, aluminum cone, double spider, vented magnet
ENCLOSURE	MDF, closed 64 L net
FREQUENCY RANGE	19 – 500 Hz (-3 dB) Frequency extension depending on EQ
NOMINAL IMPEDANCE	4 Ohm
POWER HANDLING	700 W (IEC)
MAXIMUM SPL	118 dB
CONNECTIONS	Neutrik speakON
MOUNTING	Floor standing
DIMENSIONS (W X H X D)	450 x 710 x 270 mm / 17.7 x 28 x 10.6 inch (Cabinet without spike feet and woofer excursion)
WEIGHT	35 kg / 77lb
FINISH	Matte black

Specifications are subject to change without notice.



# Lyngdorf amplifiers and loudspeakers: Even better together

Combining a Lyngdorf TDAI stereo amplifier or MP surround processor with Lyngdorf loudspeakers and subwoofers will create a full range system that simply outperforms anything in and far above its price range. Each Lyngdorf loudspeaker and subwoofer model can be selected and configured in the amplifier's setup menu. This ensures a perfect match of amplifier and speaker, and also a seamless integration between speaker and subwoofer.

With Lyngdorf loudspeakers or any other loudspeaker, RoomPerfect™ will finish it off with the most important part: Adapting your sound system to the room acoustics.

Then just sit back and enjoy.

Read more about RoomPerfect™, find the latest product reviews and have frequently asked questions answered on our website.

[www.steinwaylyngdorf.com](http://www.steinwaylyngdorf.com)



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