



# LYNGDORF TDAI-3400

## INTEGRATED AMPLIFIER AND AUDIO PROCESSOR

With extreme audio processing options combined with the most powerful and advanced digital amplifier technology, the TDAI-3400 is the most powerful product from Lyngdorf Audio yet marketed.

### TAILOR YOUR SYSTEM AND SOUND

Through the web interface you can perform all setup and operations from the menu system, which allows you to tailor your setup and sound, and the digital crossover allows 3 individual output settings. You can create your own equalizing filter to optimize your speaker performance, and through TDAI-3400's built-in tool you can customize 32 voicings, which allows you to change the overall tonality of your system related to media source and listening situation.

The impressive speaker output section is based on our heritage Equibit™ technology designed with extremely fast switching low-Rds MOSFETs for the highest possible efficiency. It combines full dynamic performance at low levels with an extreme maximum current output of 40A.

With our proprietary RoomPerfect™ room-correction software to eliminate the negative influence of the listening room, the TDAI-3400 delivers a perfect sound without the need for extensive room treatment.

### IMPRESSIVE BUILD QUALITY

A salute to modern industrial design, the chassis of the TDAI-3400 is executed in the signature sleek design of Lyngdorf Audio. The TDAI-3400 doesn't generate much heat, allowing for passive cooling with no need for noise-inducing fans or vents. With the TDAI-3400, you will enjoy the extremely low background noise of the digital signal processing.

### CONNECT AUDIO AND VIDEO SOURCES

A variety of inputs and outputs provide plenty of options to connect your audio and video sources as well as your speaker setup.

- Seven digital inputs including a balanced AES/EBU
- USB inputs connects to music stored external
- Two analog inputs for simple analog music sources
- Optional module with four high-end analog inputs
- Optional module with three HDMI inputs and one HDMI output

### A BUILT-IN MEDIA PLAYER

The TDAI-3400 accepts all media interfaces and features a built-in media player with the highest playback quality. Through your local network or via the USB connectors, you can access your entire library of music through the DLNA/UPnP enabled player. This media player also connects to streaming services like Roon Ready, Spotify Connect, and Airplay as well as internet radio.

## HIGHLIGHTS

- Extreme maximum current output of 40A
- No need for noise-inducing fans or vents
- Built-in media player and voicing tool
- Equipped with RoomPerfect™



## SPECIFICATIONS

<b>Description:</b>	2-channel integrated amplifier and audio processor
<b>Power handling:</b>	2 x 400 W RMS @ 4Ohm / 2 x 200 W RMS @ 8Ohm
<b>Standard digital inputs:</b> (Asynchronous)	1 x AES-EBU ( $\leq 192\text{kHz}/24\text{bit}$ ) 2 x Coaxial ( $\leq 192\text{kHz}/24\text{bit}$ ) 3 x Optical ( $\leq 96\text{kHz}/24\text{bit}$ ) 1 x USB B ( $\leq 384\text{kHz}/32\text{bit}$ , $\leq \text{DSD128}$ , DXD)
<b>Standard analog inputs:</b>	2 x Analog Single Ended RCA (Max level: 4.0V = 0dBFS) 1 x Microphone input for RoomPerfect™ calibration
<b>HDMI module:</b> (Optional in-/output)	1 x HDMI Output / 3 x HDMI Inputs (PCM $\leq 192\text{kHz}/24\text{bit}$ ) ARC (PCM $\leq 192\text{kHz}/24\text{bit}$ ) CEC integration HDMI 2.0a support HDCP 2.2 Resolutions requiring 600 MHz clock supported
<b>High-end analog input module:</b>	3 x Single Ended RCA 1 x Balanced XLR
<b>Standard outputs:</b>	1 x Stereo Analog RCA 1 x Stereo Analog XLR 1 x Stereo Digital Coax 1 x Headphone 3,5mm
<b>Audio specifications:</b>	Frequency Response: $\pm 0,5\text{dB}$ 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%
<b>Mediayer:</b>	Room Ready, Spotify Connect, DLNA Support (uPnP) Airplay, Local file playback (USB), Internet Radio (vTuner)
<b>Wireless connections:</b>	Bluetooth (4.2 BLE), Wi-Fi (802.11 n/ac)
<b>Trigger (12V):</b>	1 x Input, which can be related to audio inputs 1 x Output 3.5mm jack / Thresholds approx.: On: 2.4V Off: 1.6V
<b>Control interfaces:</b>	Web-interface IP Control 1 x DB9 connector for RS232 control 1 x RJ45 Ethernet LAN connector 2 x USB connectors (Type A) 1 x SD card slot (Backup of filters and settings)
<b>Accessories included:</b>	RoomPerfect™ Microphone Microphone stand, cable & mini-jack connector Remote control (IR / BLE)
<b>Placement options:</b>	Optional rack mount or freestanding
<b>Dimensions (W x H x D):</b>	45 x 10.5 x 36 cm (including connectors) 17.7 x 4.1 x 14.1 inches
<b>Weight:</b>	8.2 kg / 18.1 lb
<b>Finish:</b>	Matte black