



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.

THE BEST SOUND IN THE OPTIMAL ROOM

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 to 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 AES/EBU
- USB-B and USB-a for music stored externally
- Two RCA analog inputs for analog music sources
- Optional high-end analog module with four analog inputs including XLR and phono MM
- Optional HDMI 2.1 module with two HDMI inputs and one HDMI output (ARC/eARC)

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 allows music streaming using Roon Ready, Spotify Connect, Tidal Connect, and Airplay 2 as well as internet radio. The TDAI-3400 includes the MQA Core Decoder, which unfolds the MQA file once to deliver better than CD-quality.

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

Description:	2-channel integrated amplifier and audio processor
Power handling:	2 x 400 W RMS @ 4Ohm / 2 x 200 W RMS @ 8Ohm
Standby power consumption:	< 0.5W
Standard digital inputs: (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 ($\leq 96\text{kHz}/24\text{bit}$) 2 x USB A 1 x USB B ($\leq 384\text{kHz}/32\text{ bit} + \text{DXD} / \text{DSD64} / \text{DSD128}$, MQA decoding)
Standard analog inputs:	2 x Analog Single Ended RCA (Max level: 4.0V = 0dBFS) 1 x Microphone input for RoomPerfect™ calibration
HDMI 2.1 module: (Optional)	1 x HDMI Output / 2 x HDMI Inputs (PCM $\leq 192\text{kHz}/24\text{bit}$) eARC/ARC (PCM $\leq 192\text{kHz}/24\text{bit}$), CEC integration, HDMI 2.1b support HDCP 2.3, Resolutions requiring 600 MHz clock supported
High-end analog input module: (Optional)	1 x RIAA Phono MM 2 x Single Ended RCA, 1 x Balanced XLR
Standard outputs:	1 x Stereo Analog RCA, 1 x Stereo Analog XLR, 1 x Stereo Digital Coax 1 x Headphone 3,5mm
EQ:	RoomPerfect™, Pre-Equalizer, ICC, 32 x adjustable voicings holding ≤ 8 filters with adjustable gain and Q, Subsonic filter (24 dB/oct at 18 Hz)
Audio specifications:	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%
Mediayer:	Internet Radio (vTuner), Spotify Connect, Roon Ready, TIDAL Connect incl. MQA decoding, DLNA Support (uPnP/see DLNA formats), AirPlay2, Local file playback (USB)
Wireless connections:	Bluetooth (for Remote Control and BLE), Wi-Fi (802.11 n/ac)
Trigger (12V):	1 x Input, which can be related to audio inputs, 1 x Output 3.5mm jack / Thresholds approx.: On: 2.4V Off: 1.6V
Control interfaces:	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)
Accessories included:	RoomPerfect™ Microphone Microphone stand, cable & mini-jack connector Remote control (IR / BLE)
Placement options:	Optional rack mount or freestanding
Heat dissipation value:	270 BTU
Dimensions (W x H x D):	45 x 10.5 x 36 cm (including connectors) 17.7 x 4.1 x 14.1 inches
Weight:	8.2 kg / 18.1 lb
Finish:	Matte black