LYNGDORF TDAI-2210

Digital streaming amplifier

LYNGDORF AUDIO'S NEWEST STREAMING AMPLIFIER

The TDAI-2210 is the newest integrated streaming amplifier by Lyngdorf Audio, featuring the company's unique digital amplifier technology, best-in-class volume control, and a color touchscreen. With various digital inputs including HDMI 2.1, analog inputs, an integrated music streaming player, and the unique RoomPerfect™ room calibration, the TDAI-2210 is ready for any kind of audio system and any room.

COLOR TOUCHSCREEN WITH SMOOTH GLASS SURFACE

The touchscreen makes it easier than ever to control a Lyngdorf amplifier. With its icon-based interface and intuitive touch, tap, and slide functions, the screen guides first-time setup, helps to explore all features, allows customization, and makes music streaming more convenient.

DIGITAL AMPLIFIER TECHNOLOGY AND BEST-IN-CLASS VOLUME CONTROL

TDAI stands for True Digital Amplifier Integrated. The amplification is 100% digital, with no analog conversion to degrade the sound right until the speaker outputs. The digital signal powers the speakers directly, while the volume wheel adjusts the gain in the output stage. This unique solution eliminates several analog components and signal paths, which are a source of noise, hiss, crosstalk, and distortion. This ensures the best sound quality at all volume levels and the most uncolored sound you have ever experienced.

BETTER SOUND PERFORMANCE AT HOME WITH ROOMPERFECT™

RoomPerfect™ is the most sophisticated solution for adapting loudspeakers to the room. The calibration addresses room acoustic issues like exaggerated bass, lack of bass, uneven bass, or diffuse imaging and sound staging. RoomPerfect™ removes these issues in the digital domain and allows your speakers to perform at their best, without linearizing the sound.

DESIGNED, ASSEMBLED AND 24H-TESTED AT LYNGDORF AUDIO, DENMARK

The TDAI-2210 is assembled to the highest quality standards at Lyngdorf Audio in Denmark. Each unit must pass a 24-hour test with all inputs and outputs used, and both amp channels driven under load, measured to meet all specifications. This ensures the highest performance, quality, and reliability.

HIGHLIGHTS

- Lossless volume control
- 2 x 210 watts @ 4 Ohm
- Color touchscreen with smooth glass surface
- HDMI 2.1 with CEC and eARC

SPECIFICATIONS

Description:	2-channel integrated streaming amplifier
Power rating:	2 x 210 W @ 4Ω 2 x 105 W @ 8 Ω
Audio specifications:	Frequency Response: ±0,5dB from 20 - 20,000 Hz Total Harmonic Distortion: 0.05% max from 20 - 20,000Hz THD-N 1w/8ohm 0,04%, THD-N 1w/4ohm 0,04%
Idle power consumption:	18-26 W
Standby power consumption:	< 0.5W
Max. output current per channel:	35A
Analog inputs:	2 x Single Ended RCA, 1 x Mic input (XLR) forRoomPerfect™
Analog outputs:	1 x Single Ended RCA, 1 x XLR Balanced, 1 x 3.5mm Headphone
Digital inputs:	3 x Coaxial digital (≤192kHz / 24 bit) 2 x optical digital (≤ 96kHz / 24 bit) 1 x USB C (≤192kHz / 24 bit) 1 x HDMI 2.1 (≤192kHz/24bit)
Digital output:	1 x Coaxial digital (96kHz / 24 bit)
High-End Analog module (optional):	1 x RIAA Phono MM, 2 x single ended RCA, 1 x XLR balanced
HDMI 2.1 module (optional):	1 x HDMI Output / 2 x HDMI Inputs (PCM ≤192kHz/24bit) eARC/ARC (PCM ≤192 kHz/24bit) CEC integration
EQ:	RoomPerfect™ Voicings Bass/Treble tone controls
Media player:	Internet Radio (airable), Spotify Connect, TIDAL Connect, Roon Ready, Google Chromecast, Apple AirPlay2, DLNA Support (UPnP/see DLNA formats), Local file playback (USB), Bluetooth (BLE), Plays with Audirvana
Interfaces:	Touchscreen, 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
Remote control:	Infrared or bluetooth
Accessories included:	RoomPerfect™ microphone with stand and cable Remote control
Dimensions (W x H x D):	325 x 102 x 300 mm (incl. connections) 12.8 x 4 x 11.8 inches (incl. connections)
Weight:	4,8 kg / 10,6 lb
Finish:	Matte black