LYNGDORF SDA-2400

STEREO POWER AMPLIFIER

The versatile SDA-2400 digital stereo power amplifier features both analog and digital inputs, as well as many novel features to deliver outstanding performance in a wide range of applications.

PERFECT FOR ANY SETUP

The SDA-2400 includes both optical and coaxial digital inputs in addition to the traditional balanced and single-ended analog inputs in order to fit any possible setup. This power amplifier can function in a traditional stereo or multichannel setup - but also as a powerful addition to single standing media players and streaming devices with integrated volume control.

Using the digital connections, there will be no interference or noise from external sources. The digital inputs are based upon the Wolfson WM8804 PLL Transceiver for excellent dynamic performance and improved tolerance to clock jitter.

SMART POWER

The SDA-2400 will automatically go into stand-by mode when not in use. When the amplifier detects a signal, it will turn on automatically. You can set it to always be on - and if your connected device has a 12V trigger output, this can control the power state of the SDA-2400, and even daisy-chain several SDA-2400 amplifiers.

DIGITAL AMPLICIFATION

Lyngdorf is the pioneer in digital amplifiers, and the SDA-2400 power amplifier is not your typical Class-D digital power amplifier. It's better. It has very low and linear distortion and an impressive signal-to-noise ratio, making it the perfect choice for those seeking the purest sounding high-power amplifier on the market.

The output stage uses Pulse Width Modulation with a patented switch speed optimization technology. Together with a fixed switching speed of 390 kHz and minimal feedback control, this ensures low and linear distortion compared to typical Class-D amplifiers.

HIGHLIGHTS

- Fit any possible setup
- Excellent dynamic performance
- Impressive signal-to-noise ratio
- Automatic stand-by mode

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SPECIFICATIONS

Description:	Integrated stereo amplifier
Power rating:	2 x 400 W @ 4Ohm, 2 x 200 W @ 8Ohm (1 kHz, 0.05% THD+N)
Inputs:	1 x Analog Single Ended RCA (200 Kohm) 1 x Analog Balanced XLR (10 Kohm) 1 x Coaxial Digital (≤192kHz / 24 bit), 1 x Optical Digital (≤96kHz / 24 bit), * All inputs have signal detection
Frequency response:	0.3 Hz - 31 kHz (-3 dB points, 4 Ohms load)
THD+N:	1 W/8 Ohms: 0.004% (A-wgt.)
Channel separation:	96 dB (1 kHz, 200 W/8 Ohms)
S/N ratio:	117 dB (A-wgt. ref 200 W/8 Ohms)
Peak output current:	±40 A
Internal delay:	Digital input: 0.6 mSec Analog input: 0.0 mSec
Power state:	Low power (input detection) On (always on)
Power consumption:	Standby mode: <0.4 W Operate mode, no output: 26 W Full output mode: 493 W
Trigger (12V):	1 x Input, 10 Kohm / >2.4 DC ON / <1.7 DC OFF 1 x Output for daisy chain
Dimensions (WxHxD):	45 x 7.3 x 36 cm*, 17.7 x 2.9 x 14.2 in*, *including 1.3 cm / 0.5 in feet
Finish:	Anodized aluminum, matte black
Weight:	6.5 kg / 14.3 lb
Item no.:	900010402