

YBA Design Series YD302 DAC



High-End DAC for Design Line

YD302 was developed as the integral part of the new YBA Design line, with its functionality, connectivity and overall design optimized for the ideal Hi-Fi rig combination. Pair it with the YBA YT302 SACD transport, utilizing its advanced I2S connection for a true DSD audio chain. Then add either the YP302 for a top-of-the-line Headphone Amplifier or the YA302 Integrated Amplifier to complete this excellent Hi-Fi setup.

New Approach to DAC Design

YD302 is the first YBA machine to be built around a new DAC module, adopting two units of the flagship BD34301 DAC from ROHM Semiconductors. Tuned by Yves-Bernard André and our team of experienced engineers to follow the beloved YBA sound, while pushing the levels of resolution and immersion to a higher mark, to meet the high-fidelity demands of the YBA Design line.

Advanced Inputs & External Masterclock Capabilities

While the YD302 focuses on its I2S input to complement the transports of the Design line, it still offers a full range of classic Hi-Fi inputs. Advanced XMOS XU316 allows for a simple and great sounding connection to any computer, while a combination of Coaxial, Optical, BNC and AES/EBU ensures swift connection to all classic Hi-fi components.

For the most demanding users, the YD302 even adds support for an external masterclock. Supporting 44.1 kHz output and 44.1 kHz / 10 MHz input.

Truly Reliable Construction and Components

Combining over 40 years of Hi-Fi experience, the YD302 follows the most rigorous standards of construction: a robust body made from CNC-machined aluminum, a stable and quiet German 48VA UI Transformer, carefully matched Vishay capacitors and the classic YBA design with an optimized three-legged base.

Specification

Dimensions: 32 x 26 x 8 cm

Weight: *Around 5.6kg*

Display: *5.0-Inch Touch Screen*

System: *Basic System UI*

Controls: *Touch Screen, Wheel, Remote Controller*

Power Supply: *48VA UI-Type German Transformer*

Digital Inputs: *COAXIAL/OPTICAL/BNC/AES EBU Supporting up to
USB XMOS XU316 Supporting up to
I2S Supporting up to*

Analog Outputs: *RCA & XLR, either Line-Out or Pre-Amplifier mode*

Output Parameters:

RCA Output

Output Level: 2.4V

Frequency Response: 20Hz-40kHz

Dynamic Range: 120dB

THD+N: 0.0006% (A-Weight)

Signal-to-Noise Ratio: 120dB

XLR Output

Output Level: 4.8V

Frequency Response: 20Hz-40kHz

Dynamic Range: 120dB

THD+N: 0.0006% (A-Weight)

Signal-to-Noise Ratio: 112dB (A-Weight)