

# 32-bit True DSD DAC



## **HEGEL HD12 DSD - D/A Converter with remote control and pre amplifier**

With True DSD-playback, a high quality headphone output, true balanced design and a noise-floor below -145dB,- the HD12 represents unheard of value for the money.

The HD12 comes with a system remote control you can use with all Hegel products. You can even use it to maneuver within playlists on most computer media players, or to control the output volume from the D/A-Converter. The HD12 has 4 digital inputs, and can be used in combination with all receivers and amplifiers. There is the option to connect it directly to a pair of active loudspeakers or to a power amplifier.



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# The Digital Connection

## HD12 32-Bit High-End audio DAC

Introducing the next generation of Hegel D/A-Converters- The HD12, introduces a combination of great new functionality as well as greatly improved sound quality.

First of all, a brand new USB interface allows you to use all common sampling frequencies up to 24 bit / 192 kHz. Also, this new interface allows playback of native DSD-files, without conversion to PCM. Furthermore, the HD12 has equal quality on the 2 optical and 1 coaxial inputs .

Versatility- With an HD12 you can upgrade virtually any system to Hegel standards. There is a very high quality headphone output, regular RCA phono outputs as well as true balanced XLR outputs. This means you can connect to any receiver/amplifier and/or subwoofer. However, the built-in and remote-controlled volume attenuator also allows direct connection to a pair of active loudspeakers or to a power amplifier. High End to the people.

Sound- New research in the digital domain has resulted in extremely low jitter levels. In particular, great improvements have been made to “skirting”, a distortion that reduces the timing and precision in the sound. You hear it very well in drums and dynamic elements of the music. Another large improvement comes in the analog part of the D/A-Converter. We are talking about a noise floor of -145dB. It means the HD12 brings out so much more of those tiny details that suck you in to the music.

Quite simply a significant upgrade and a remarkable D/A-Converter.



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### TECHNICAL SPECIFICATIONS

Digital inputs	Coaxial / optical up to 24bit / 192kHz USB up to 24bit / 192kHz, DSD64
Dac IC / digital filter	32 bit
Output signal level	2.5V RMS (at 0dBFS)
Digital inputs	1 coaxial, 2 optical and 1 USB-B (2.0)
Analog outputs	XLR balanced and RCA / phono unbalanced/ headphone
Frequency response	0Hz - 50kHz
Phase response	Linear phase analog filter
Noise floor	-145dB
Distortion	Typically less than 0.0005%
Power supply	Internal toroidal transformer and 20,000uF capacitors
Dimensions / weight	6cm x 21cm x 26cm (HxWxD) / 3.5kg
Dimensions / weight	2.35" x 8.3" x 10.24" (HxBxD), 6.6 lbs

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