



### Hegel H300 High-End Integrated Amplifier with D/A Converter

The Hegel H300 gives you 2 x 250 watts of virtually undistorted sound into 8 ohms, thanks to the patented SoundEngine technology. The H300 will take full control in virtually any system. The high-end built-in DAC also allows connection for all your digital sources.



#### Digital Connections

The H300 has 5 digital inputs and one digital output, including a 24 bit Plug & Play USB-connection.



#### Unique SoundEngine

The patented SoundEngine technology in the H300 reduces distortion, leaving a more natural sound as well as improving damping factor to get maximum bass control.



#### Hegel Next Generation Sound

The H300 is part of the Hegel Next-Gen products. The new technology gives you a much more rhythmic sound with a deeper and tighter bass. It also provides a higher level of detail while still maintaining smoothness and musicality.



#### Environmentally Friendly

The patented SoundEngine technology found in the H300 not only reduces distortion. It also reduces the H300's power consumption in idle by close to 70%. This is good for your budget and good for the environment.



## HEGEL H300 Integrated Amplifier

The alchemists of old devoted their lives to finding a way to make gold out of stone. As far as we know they never succeeded. However, with the H300, we finally feel that we have. At least, from an audio perspective.

On one side, the H300 is a spectacular integrated amplifier. With its 250 watts per channel, it is powerful enough to pair with even the most demanding loudspeakers on the market. Hegel's patented SoundEngine technology ensures completely undistorted and natural sound with a dynamic and powerful bass response. The H300 is, to a large extent, based on Hegel's Reference products rather than its smaller brothers.

On the other side, it has 5 digital inputs and this is where the alchemy comes in. Hegel's digital inputs are designed with unique technology that can make your computer, streamer or other digital device sound extremely good. You can take some of the most affordable digital music players on the market, connect them to the H300's digital inputs, and get fantastic musical and dynamic sound.

The secret lies in how we receive, treat and re-build these digital signals in the H300's built-in DAC. The digital side of the H300 is also future-proof as you can upgrade it using our "DAC-loop".

On the technical side, the H300 uses the hand-matched FET transistors, normally only seen in Hegel's most esoteric power amplifiers. This dramatically reduces, or even eliminates, higher-order harmonic distortion, resulting in more resolution and a smoother sound. It normally requires about 100 transistors to find one perfect pair.

The biggest step forward is the pre amplifier stage. The high quality dual-mono construction borrows several ideas from our top of the line pre amplifier. This ensures the lowest possible noise and distortion levels. The H300 uses what we call the Hegel 2 amplifier platform. This platform ensure very good channel separation and low noise levels. Still, all sections in the H300 are designed ground up specifically for this unit and is far superior to any other integrated amplifier from Hegel.

The H300 has a wide range of both analog and digital inputs. It has a fixed-level Home Theater input that allows you to integrate it in a Home Theater system. If you are using advanced remote control systems, you can also control it directly through the direct IR inputs on the rear panel.



Output Power:	250W + 250W in 8 ohms, 430W + 430W in 4 ohms
Minimum Load:	2 ohms
Analog Inputs:	1 balanced (XLR), 3 unbalanced (RCA)
Fixed Analog Inputs:	1 unbalanced Home Theatre (RCA)
Digital Inputs:	2 coaxial S/PDIF, 2 optical S/PDIF, 1 USB
Line Level Output:	Unbalanced Pre Out (RCA)
Digital Outputs:	1 coaxial S/PDIF
Control Inputs:	IR direct input (3.5 mm jack), max 12V
Speaker Outputs:	One pair of heavy duty gold plated terminals
Input Impedance:	Balanced 10k Ohm, unbalanced 10k Ohm
Output Impedance (Pre Out):	1kohm
Frequency Response:	5Hz-180kHz (+/- 3dB)
Signal-to-Noise Ratio:	More than 100dB
Crosstalk:	Less than -100dB
Distortion:	Less than 0.005% @ 100W 8 ohms 1kHz
Intermodulation:	Less than 0.01% (19kHz + 20kHz)
Damping Factor:	More than 1000 (main output stage)
Power Supply:	1000VA dual mono, 90 000uF capacitors
Output Stage:	20 pcs 15A 150W high speed bipolar transistors
Power Consumption:	60W in standby switched on
Dimensions/Weight:	12cm x 43cm x 38cm (HxWxD), weight 25kg
Dimensions/Weight US:	15" x 17" x 4.7" (LxWxH), weight 55 lbs



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 Specifications are subject to change without notice