H600



H600 is our reference integrated amplifier. With its 303 watts in 8 ohms, a damping factor of 4000, and 2 ohms drive capability, this powerhouse of an amplifier can drive any speaker with confidence and ease. The amplifier is a dual mono design, bringing it as close as possible to the performance of two mono amps in a single box. It also boasts a state-of-the-art preamplifier with the extremely precise volume attenuator found in our reference P30A amplifier. All electronic circuitry is designed in-house, and we only use the best-quality components. This gives us unprecedented control over the amplification process. When we combine this with our SoundEngine2 correction technology, we are left with an audio signal that is as close to the original recording as possible. The result is an immensely wide and deep soundstage with incredible dynamic range and tremendous bass control. This amplifier reveals all the details and nuances in the music. All you have to do is connect a pair of really good speakers of your choice.



Built-in DAC

The H600's D/A Converter is a bit-perfect design, offering pure audio fidelity without any resampling or upsampling. The DAC has a large, dedicated power supply that ensures uncontaminated and stable performance, and it is shielded by a thick steel plate so there is no interference from other electronics inside the amplifier. The result is a cutting-edge D/A converter with incredible resolution and smoothness.

Sturdy casing for reduced vibrations

The chassis is made of aluminium for better audio performance. It includes a solid bottom chassis and top cover with vents milled in two layers for added rigidity and airflow. Big aluminium feet with an anti-scratch design ensure excellent stability and reduced vibrations, while high-quality RCA connectors and optimized positioning of the analog and digital connectors provide less noise and better channel separation. The large control knobs are equipped with touch control, making this amplifier effortless and intuitive to operate. They also have a very nice tactile feel, making every adjustment a delight.



Streaming Made Simple

At Hegel, we believe that great audio should not come at the expense of ease of use. That is why the H600 features a comprehensive list of streaming options. It supports UPnP streaming, Spotify Connect, Airplay, Tidal Connect, Google Cast™, and Roon Ready. This is however only the beginning. This highly advanced streaming engine will ensure the amplifier is always up to date with the latest options for you to stream your music. The H600 is also highly customizable

to ensure it suits any environment. All digital inputs except USB have signal sense. This means that any device connected to these inputs can wake the amplifier and set it to the right input. In addition, the volume can be limited so that it suits your max volume preference.

Digital Connectivity

With our remote-control feature, you can program the amplifier to be commanded by common TV remotes, eliminating the need for using two remotes and making it easier for all members of the household to get great TV sound. Most inputs can also be set as a fixed high-level Home Theater input, making it easy to combine the H600 with surround receivers or multi-room devices. As with streaming, more features will be available in the future. These firmware updates are of course always free, and the amplifier will install them automatically when they are launched, ensuring your H600 is always up to date.



(hover mouse for zoom)

A true powerhouse

The amplifier boasts a large array of analog and digital connections to accommodate various audio sources. There are two pairs of True Balanced XLR inputs and two pairs of RCA inputs. On the digital front, it features a LAN network port, an USB 32/384 input (supporting DSD256/DoP), three optical inputs, a coaxial input, and a BNC true 75-ohm input. For analog outputs, it offers a pair of RCA fixed-level outputs and a pair of RCA variable-level outputs. Additionally, it provides a BNC fixed-level true 75-ohm digital output. The H600 is an extremely capable and great-sounding amplifier. It is highly versatile and delivers high-end sound and ease of use, all in a high-quality and minimalistic housing that fits any interior style. The H600 is a hub for your digital music, a home for all your connected sources, with a sound suitable for mansions. H600 is a powerhouse.

EISA High-End Streaming Amplifier 2023 - 2024

Technical Specifications

Power output: 2 x 303W in 8 ohms @ 1kHz 1% THD, 100/120/230V AC, Dual Mono

Minimum load: 2 ohms

Analog inputs: 2 x Balanced (XLR), 2 x Unbalanced (RCA)

Digital outputs: 1 x Coaxial (BNC) S/PDIF - 24/192

Digital inputs: 1 x Coaxial (BNC) S/PDIF - 24/192, DSD64 (DoP), MQA 8x, 1 x Coaxial (RCA) S/PDIF - 24/192, DSD64 (DoP), MQA 8x, 3 x

Optical S/PDIF - 24/96, MQA 8x, 1 x USB -32/384, DSD256 (DoP), MQA 8x, 1 x Network - 24/192, DSD64, MQA 8x

Line level outputs: 1 x Unbalanced fixed (RCA), 1 x Unbalanced variable (RCA)

Streaming: Spotify Connect (Lossless), AirPlay, Google Cast, Roon Ready, Qobuz Connect, Tidal Connect, airable Internet Radio and Podcast, UPnP, JPLAY Certified

Streaming formats: MP3, WAV, FLAC, ALAC, AIFF, DSF, DFF, AAC, PCM, MQA, Ogg

Frequency response: 5Hz-100kHz

Signal-to-noise ratio: More than 100dB

Crosstalk: Less than -100dB

Distortion: Less than 0.005% @ 50W 8 Ohms 1kHz

Intermodulation: Less than 0.01% (19kHz + 20kHz)

Damping factor: More than 4000 (main power output stage)

Dimensions/weight: 17,1cm x 43cm x 44,5cm (HxWxD), 22kg

Dimensions/weight US: 6,74" x 16,93" x 17,52" (HxWxD), 48,51 lbs

Google Cast is a trademark of Google LLC.

2 x 303 W/8 Ω

Dual Mono

SoundEngine 2

Bit-Perfect DAC

Control App

Internet Radio

Podcasts

Spotify Connect (Lossless)

Apple AirPlay

Tidal Connect

Google Cast™

Roon Ready

EISA High-End Streaming Amplifier 2023 - 2024

H600 SUPPORT

H600 Support Page (https://support.hegel.com/h600)

H600 REVIEWS

Audionet (Taiwan) (https://www.audionet.com.tw/thread-17485-1-1.html)

AV Online (Hungary) (https://www.av-online.hu/teszt/hegel-h600-halozati-sztereo-erosito-teszt_4609)

EISA Best High-End Streaming Amplifier (https://eisa.eu/awards/hegel-h600/)

Hi-Fi News (UK) (https://www.hegel.com/images/reviews/H600hifinewsuk.pdf)

Hifi & Musik (Sweden) (https://www.hegel.com/images/reviews/H600hifimusiksweden.pdf)

HiFi.nl (Netherlands) (https://hifi.nl/artikel/32558/Review-Hegel-H600.html)

Jay's iyagi (English) (https://www.youtube.com/watch?v=Xk13XzfWSZ0)

LBTechreviews (Norway) (https://www.lbtechreviews.com/test/hi-fi/hegel-h600)

SoundStage (USA) (https://www.soundstagehifi.com/index.php/equipment-reviews/1784)

StereoLife (English) (https://www.stereolifemagazine.com/reviews/item/1624-hegel-h600)

StereoLife (Poland) (https://www.stereolife.pl/archiwum/testy/wzmacniacze-i-amplitunery/5680-hegel-h600)

Stereopluss (Norway) (https://www.hegel.com/images/reviews/H600stereoplussnorway.pdf)

The Absolute Sound (USA) (https://www.theabsolutesound.com/articles/hegel-h600-streaming-integrated-amplifier/)

The Ear (UK) (https://the-ear.net/review-hardware/hegel-h600-has-got-the-power/)

The Ear (YouTube) (https://youtu.be/bEwQsqZpYIg?si=J_ihxY2SS363fXKj)

H600 TECHNOLOGY

Organic Sound (/en/technology/organic-sound)

SoundEngine (/en/technology/soundengine)

DualAmp (/en/technology/dualamp)

DualPower (/en/technology/dualpower)

MasterClock (/en/technology/masterclock)

The Hegel H600 is an exceptional integrated amplifier - effortless and pristine at any volume. Remarkably, Hegel includes with this outstanding amplifier a topflight DAC that can easily rival external DACs costing thousands of dollars. This is the finest integrated amplifier-DAC combination I've heard in my time as a reviewer.

SoundStage (USA)

Find a dealer!

If you are interested in our products and would like to try or buy one, please find the authorized Hegel distributor in your country. Our dealers are qualified to tell you everything you need to know and help you start your Hegel experience.

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