

 H590

Master & Commander

A **MASTER** at musicality. The **COMMANDER** of any set of loudspeakers. H590 is the name of Hegel's ultimate integrated amplifier. The H590 includes user friendly services such as Apple AirPlay®, while at the same time embracing ultra high performance formats like DSD. With SoundEngine 2 technology and Hegel's finest amplifier implementation to date, the H590 really personifies our strive to bring High End to the people.



www.hegel.com



e-mail: info@hegel.com || Specifications are subject to change without notice



H590 Reference Integrated Amplifier





H590

The H590 uses the patented SoundEngine2 technology combined with a very high power, low distortion amplifier design. The result is unmatched dynamic capabilities while still maintaining a smooth, natural sound with all the details of the music. You will experience a huge soundstage and only want to turn the volume up, up, up and up.

The H590 is a reference amplifier throughout. From the carefully designed balanced and unbalanced inputs, with hand matched transistor pairs, ensuring minimal distortion to the delicate signal from an analog source such as a phono stage. Via the preamplifier, with its dedicated high quality power supplies and a unique volume attenuator, to the massive output stage where you will find 12 ultra-fast high power output transistors... per channel. The H590 is a beast.

Many people nowadays use digital music as their main source of listening, so great care has been put into the DA-Converter, where all signals will be kept in their original form throughout. If you play high resolution or CD-format, they will all be played in their native form for best sound quality. Via the USB input, the H590 will also support high end formats like DSD.

The H590 includes MQA decoding and rendering technology, which enables you to play back MQA audio files and streams, delivering you the sound of the original master recording.

The H590 is also a dream for people who are into streaming. First of all, there is Upnp streaming and second there is Hegel's proprietary implementation of AirPlay. That means Apple Airplay user friendliness combined with the high performance Hegel sound. It does not stop there though, as the H590 is also software upgradable, and additional functionality will become available in the future.

If you live in a smart home, the H590 can be a natural part of that too. With services like Control4 built in, and 2-way IP control for other smart home control systems, using the H590 can be as easy as switching on the lights. In short, while many high performance audio systems are made "only" for the enthusiast himself, the H590 is designed to give joy to the entire family.

There is ease of use and there is security. Afraid that the kids will play too loud when you are away from home? No problem. Simply set a desired maximum volume level and lock it there. The H590 can even be used to provide better sound in your Home Theater, or to combine a Theater and a system for music listening.

Do you enjoy your Sonos or Bluesound app and want to use those, but without losing the sound performance of the H590? No problem. Connect them, lock the volume on the input and you are in full control using only the Sonos app (example).

Technical Specifications

<i>Power output</i>	2 x 301 W in 8 ohms, Dual Mono
<i>Minimum load</i>	2 ohms
<i>Analog inputs</i>	2 x balanced (XLR), 3 x unbalanced (RCA)
<i>Digital inputs</i>	1 x coaxial (BNC) S/PDIF, 1 x coaxial (RCA) S/PDIF, 3 x optical S/PDIF, 1 x USB, 1 x Network
<i>Digital Outputs</i>	1 x coaxial (BNC) S/PDIF
<i>Line level Output</i>	1 x unbalanced fixed (RCA), 1 x unbalanced variable (RCA)
<i>MQA inputs</i>	USB
<i>Frequency response</i>	5 Hz-100 kHz
<i>Signal-to-noise ratio</i>	More than 100 dB
<i>Crosstalk</i>	Less than -100 dB
<i>Distortion</i>	Less than 0.005% @ 50 W 8 Ohms 1 kHz
<i>Intermodulation</i>	Less than 0.01% (19 kHz + 20 kHz)
<i>Damping factor</i>	More than 4000 (main power output stage)
<i>Dimensions / weight</i>	17.1 cm x 43 cm x 44.5 cm (HxWxD) / 22 kg unit weight
<i>Dimensions / weight</i>	6.74" x 16.93" x 17.52" (HxWxD) / 48,51 lbs unit weight

Special features

set startup volume || set max volume || software upgradable
 configure all inputs as fixed level inputs || IP control



SoundEngine2

