

Nothing beats VOLUME



Hegel H30 - Mono amplifier and P30 - Pre amplifier

Meet the new giants from Hegel Music System in Norway. The new Reference pre amplifier is the first ever using SoundEngine modules. Combined with the 1*1100 watt mono power amplifier H30 it represents the best Hegel system to date.



New FET - technology

New J-FET transistors on the input boards reduces distortion and ensures a more defined sound, with better bass response



Dual Technology

Totally separated networks within the amplifier further reduces noise and distortion throughout the critical stages of amplification.



Hegel Next Generation sound

H30 and P30 are 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 maintaining the smooth Hegel sound.



SoundEngine

Our patented correction circuit adjusts all problems occurring in the output stage of the amplifier in real-time. This is why Hegel amplifiers are rated as the most neutral sounding ones in the world.

HEGEL H30 and P30

The most difficult audio product to design are pre amplifiers. The low gain signal is extremely vulnerable to distortion, so the whole lay-out and topology is critical to achieve maximum sound quality. The P30 has a better power supply and a more precise volume attenuator than any of its predecessors. The P30 is the first pre amplifier ever to use the patented SoundEngine technology, resulting in extremely low distortion levels, leaving that smooth and detailed sound.



Power amplifier

With a power rating of more than 1,1 kW in 8 ohms it is on the verge of being easier to measure the H30 in horsepower. The massive H30 mono power amplifiers from Hegel play any loudspeaker in the world with ease and authority. The H30 is our best power amplifier ever, and is definitely a combatant for being the best power amplifier in the world. The H30 is developed as a mono block, but there is also the possibility to use it as a stereo power amplifier to start with if you are on a budget. Progress is a one way street and so for our power amplifiers. The H30 is using a new and improved version of the patented Hegel SoundEngine amplifier technology. This further reduces all types of distortion. In addition to the improve SoundEngine we are also using the highest possible level of the Hegel FET-technology in the input stage and the voltage gain stage. This technology reduces a very specific type of distortion called Harmonic Distortion. This particular type of distortion causes what many people call "transistor sound", and this is therefore dramatically reduced in the H30. It will simply let the music reach you in a different way than what you have ever experienced before.

So what sets the H30 apart from the H4SE? There are several technical differences. As a mono power amplifier, the H30 has a fully balanced output stage which reduces distortion and cancels out distortion. Further more, the H30 has a much more advanced input stage and voltage gain stage. Both the H4SE and the H30 uses hand matched transistors, but only the H30 uses the special combination of JFET and MOS-FET transistors. This further reduces higher order harmonic distortion in the H30. The third big difference between the two is H30's output transistors. These are of higher quality, with less distortion, than the ones in the H4SE. In addition to this, the use of dual transformers in the H30, reduces mechanical noise. The higher budget also allows the use of better parts throughout the H30.

Power Amplifier

HEGEL H30

Output power	:	More than 1100W mono in 8 ohms.
Line inputs	:	RCA unbalanced and XLR balanced
Speaker terminals	:	Heavy duty gold plated
Signal to noise ratio	:	More than 100dB
Crosstalk	:	Less than -100dB
Distortion	:	Less than 0.003 % at 100W i 8 ohm
Intermodulation	:	Less than 0.01 % (19kHz + 20kHz)
Damping factor	:	More than 1000
Power Supply	:	2000VA dual mono, 270 000uF capacitors
Output stage	:	56 pcs 15A 200W high speed bipolar transistors
Power consumption	:	120W in idle mode switched on / 30 W in low power mode
Dimensions/weight	:	21cm x 43cm x 55cm (HxWxD), 55kg US: 8,3" x 3,85" x 21,6" (HxBxD), weight 99 lbs

Pre Amplifier

HEGEL P30

Remote functions	:	Volume, source and mute
Line inputs	:	3*unbalanced, 2*balanced (XLR), 1*Home Theatre
Line outputs	:	2*unbalanced, 1*balanced (XLR)
Remote inputs/out	:	Direct IR in - 3,5mm jack, 12V trigger out - 3,5mm jack
Noise floor	:	Less than -130 dB
Crosstalk	:	Less than -100 dB
Distortion	:	Less than 0.005 %
Intermodulation	:	Less than 0.01% (19kHz+20kHz)
Dimensions/weight	:	6cm x 43cm x 30cm (HxWxD), 10kg US: 3,2" x 17" x 12" (HxBxD), weight 22 lbs



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