

## H30



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 reduce 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 reduce 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.

Normally, when you compare a less powerful amplifier with a more powerful amplifier, the most powerful will have a more potent bass, more attack and more "SLAM" than the less powerful one. This is how it works up to a certain point. The Hegel H30 is beyond this point, and all of a sudden the differences become different. The H30 will simply play with a completely undisputed control, regardless of the loudspeakers. The bass is tremendously deep, but not dominating. The level of detail in the high frequencies are unheard of, but never overbearing. Usually a demo of the H30 and P30 combination ends with clapping hands and a whispering "woooooow..."

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 cancel 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 allow the use of better parts throughout the H30.

## Technical Details

Output power: More than 1\*1100 in 8 ohms

Minimum load impedance: 1 ohm load

Inputs: RCA unbalanced and XLR balanced

Speaker outputs: Two pairs of heavy duty gold plated terminals

Input impedance: Balanced 20kohm, unbalanced 10kohm

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 500

Power Supply: 2000VA dual mono, 270 000uF capacitors

Output stage: 56 pcs 15A 200W high speed, Ultra low distortion bipolar transistors

Power consumption: 120W in idle mode, 30 watt in ECO mode

Size: 21cm x 43cm x 55cm (HxWxD), weight 45kg

Dimensions/weight US: 8.3" x 17" x 21.6" (HxWxD), weight 99 lbs