

H4SE



The H4SE is an improved version of the H4A MK2. The H4A MK2 was in many ways the very corner stone of the Hegel amplifier range, but the development of the H20 amplifiers disclosed a significant potential for upgrade. The H4SE has received many of the technologies developed for the H20, including the Hegel Next-Gen technology in the input stages. This gives it a smoother, yet at the same time more rhythmic sound compared to its predecessors. Each channel of the H4SE is divided into completely separate voltage gain and current gain stages. The benefit with this design is a higher dynamic range, better pin-pointing of instruments and a wider sound field. The reduction of dynamic distortion all over the audible frequency range together with complete elimination of "transistor sound" makes the H4SE sound smooth and transparent without losing any details. Behind it's confident front panel, the H4SE has extreme power reserves and is capable of powering all known speaker systems. The H4SE can deliver a current output signal of more than 200A.

The H4SE is a dual-mono construction, using Hegel's patented technology in the amplification stages. The H4SE output stages has integrated audio stages and power supplies to be able to deliver an exceptional large dynamic range. The H4SE uses the laser trimmed Hegel SoundEngine amplifier modules in the audio circuits. The power amplifier is very dynamic and will drive the speakers with a deep powerful bass and a very high resolution smooth midrange with a detailed soundstage. The H4SE can be connected to both balanced and unbalanced pre amplifiers, and can be used with both XLR and RCA connectors. The speaker outputs has got two pairs of heavy duty high quality gold plated terminals for both channels.

Technical Details

Output power: More than 300W + 300W in 8 ohms, Dual mono

Inputs: RCA unbalanced and XLR balanced

Speaker outputs: Two pairs of heavy duty gold plated terminals

Input impedance: Balanced 50kohm, unbalanced 50kohm

Frequency response: Less than +/- 0.2 dB deviation 20Hz-20kHz

Phase response: Less than 2 degrees deviation 20Hz- 20kHz

Signal to noise ratio: More than 100dB

Crosstalk: Less than -100dB

Distortion: Less than 0.004 % 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 150W high speed bipolar transistors

Power consumption: 100W in idle switched on

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

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