

HEGEL DualPower™

DualPower™ Technology.

Normal audio amplifiers are using the same power supply for the different amplifier blocks within the audio amplifier.

The amplifier output stage driving the loudspeaker is using the same power supply as the crucial input stages and voltage gain stages of the audio amplifier. The large currents flowing in the connected loudspeakers will disturb the sensitive input- and voltage gain stages of the audio amplifier.

HEGEL integrated amplifiers and power amplifiers are using completely separate DualPower™ power supplies for the input- and voltage gain stages, and for the current output stages of the audio amplifier. The custom designed HEGEL power transformers have got separate DualPower™ windings feeding independent high speed rectifiers and high capacity power supply capacitors.

By using the DualPower™ power supply technology HEGEL amplifiers will prevent disturbances from the high currents flowing in the loudspeakers entering the sensitive input gain stages and voltage gain stages.

The Hegel DualPower™ technology gives lower total distortion and a higher dynamic range than normal audio amplifiers.

The Hegel DualPower™ technology is developed in-house by HEGEL, and is only found in HEGEL products.