



H10 Anniversary
High End Power Amplifier

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USER GUIDE

Congratulations on your new HEGEL!

Hegel products are based on a simple philosophy:

The audio component shall reproduce the original musical experience, purely and naturally.

The audio component shall use Scandinavian design, styled to fit in with any interior.

The audio component shall be easy to operate.

The audio component shall be manufactured according to the best quality principles.

All HEGEL products are created with real acoustical instruments in a live concert situation as point of reference. The music is reproduced exactly like the original and is limited only by the quality of the recording.

The aim of HEGEL is to give you the best possible music experience!

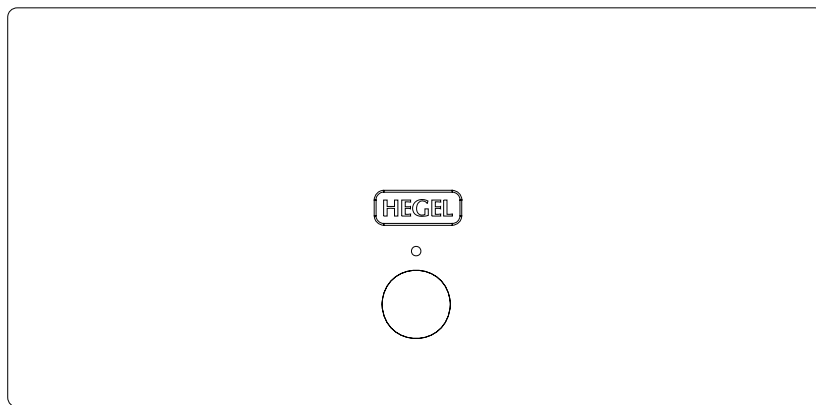
SOUND ADVICE

The Hegel H10 Power Amplifier is easy to connect and operate and requires no prior technical knowledge. However, to get the most out of the amplifier's superior sound and music quality, we have provided a brief description of the connections and use of the amplifier in order to provide a total music experience.

We recommend keeping this user guide for future reference.

GENERAL USE

The amplifier is switched on with the button in the middle of the front panel. A blue light indicates it is switched on.



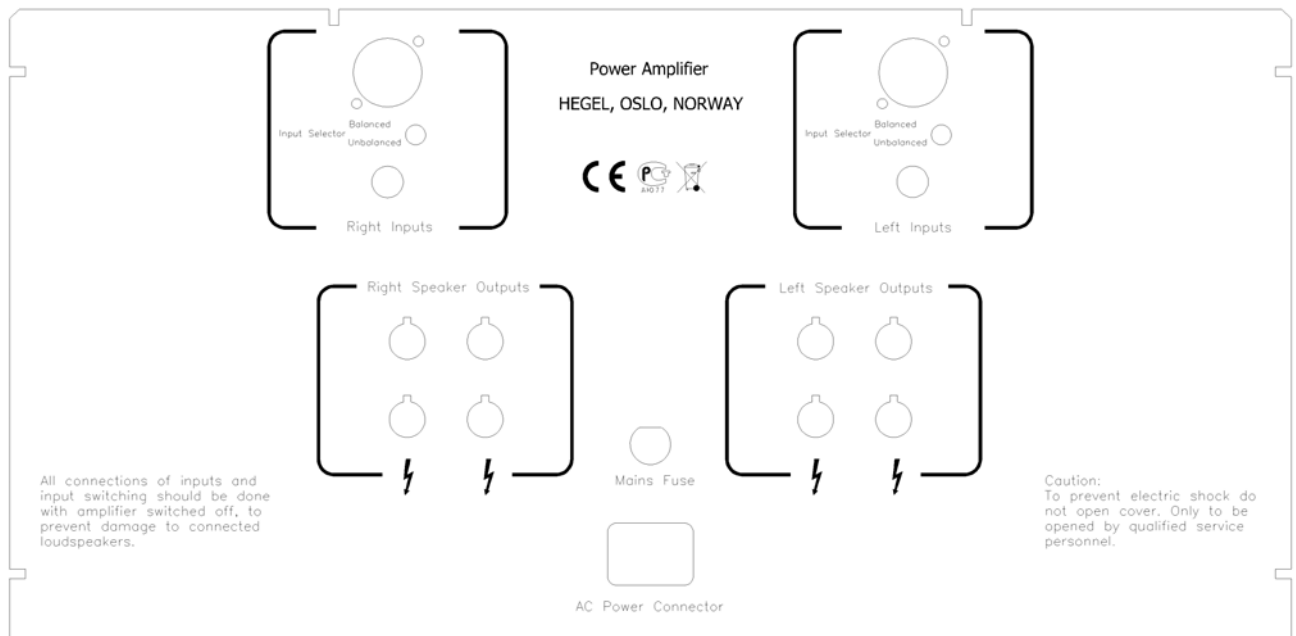
Always connect audio input cables and loudspeaker cables with the power switched off.

Switching between unbalanced and balanced inputs with the input selector switches should always be done with the amplifier switched off.

After the amplifier is switched on, there is a delay of some seconds before the music signal will reach the speaker outputs.

The amplifier is designed to be used with a suitable preamplifier or a CD-player with a variable output level. Do not connect a normal CD-player with a fixed output level, this could potentially generate a very high level music signal. Such a high level music signal can potentially damage the connected speakers.

REAR SIDE OF H10 ANNIVERSARY POWER AMPLIFIER



Rear side of H10 from Left to Right :

Balanced signal input XLR Right

Input selector switch Right channel

Signal input Phono / RCA Right

Speaker output 1 Right

Speaker output 2 Right

(These 2 speaker outputs are connected in parallel internally.)

AC Mains power connection 230V / 115V / 100V AC dependent on country.

Fuse Holder: 8AT for 230V AC, 15AT for 100V AC and 115V AC

Balanced signal input XLR Left

Input selector switch Left channel

Signal input Phono / RCA Left

Speaker output 1 Left

Speaker output 2 Left

(These 2 speaker outputs are connected in parallel internally.)

The audio inputs of the H10 has two types of audio connectors: unbalanced audio signal with RCA plugs (Phono plugs) and true balanced audio signal with XLR plugs (pin 2 is positive phase, pin 3 is negative phase and pin 1 is chassis earth). The input switch selects between the RCA / Phono and the XLR input connectors. The handle of the input selector switch should point in the direction of the audio input selected.

USE & PLACEMENT

The HEGEL H10 should be placed on a flat, hard surface for proper cooling. The amplifier performs best after being switched on for 1 hour for heating up. Plenty of space is required for air circulation above, below and around the amplifier. The amplifier must never be placed on a carpet or similar surface that obstructs air circulation through the component. Nor must it be covered while in use or placed on a narrow shelf or in another confined space.

Always use the power switch on the front panel of the H10 to switch the amplifier on and off.

The amplifier will automatically mute the speaker outputs if the amplifier is overheated.

The amplifier will need some break-in time before maximum sound quality can be experienced.

CLEANING

The top cover and the side panels are made of brushed and anodized aluminum, while the front panel and power knob are made of glass-bead blasted and anodized aluminum. Fingerprints or stains on the chassis parts can be removed with a cloth moistened with warm water or with a mild detergent suitable for cleaning mirrors and bathroom.

We wish you good luck in setting up and connecting your new amplifier and hope that it will give you many years of joyful natural sounding music experiences!

TECHNICAL SPECIFICATIONS

HEGEL H10 Power Amplifier

Voltage amplifier	Hegel SoundEngine FET proprietary design
Output amplifier	Hegel SoundEngine Bipolar proprietary design
Power output	300W + 300W at 8 Ohms 570W + 570W at 4 Ohms 1000W + 1000W at 2 Ohms
Minimum load	Loudspeaker impedance down to 1 ohm can be connected.
Input Sources	RCA / phono inputs and balanced XLR selected by input switch
Input Terminals	Gold plated RCA / Phono unbalanced and gold plated XLR balanced
Output Terminals	Two sets of gold plated speaker terminals each channel
Channel balance	Less than +/-0.1dB deviation
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 0.003% @ 100W 8 Ohms 1kHz
Intermodulation	Less than 0.01% (19kHz + 20kHz)
Damping factor	More than 1000 (measured at centre point of power output stage)
Dimensions	21cm x 43cm x 55cm (HxWxD), 58 kg shipment weight.

NOTE & WARNING

Hegel products should only be opened or serviced by certified technicians. The devices contain electronic components that can cause severe electric shock. Work performed on Hegel products by unqualified personnel can cause serious damage and personal injury.

Opening of the product by non-authorized personnel will void the guarantee.

The products must not be exposed to rain or moisture.

GUARANTEE

All Hegel products come with a 2-year guarantee against defective materials and workmanship.

In case you should need any assistance with your Hegel product please find your nearest dealer or distributor by looking at the Hegel web site <http://www.hegel.com>

If you should have any problems locating your dealer or distributor please e-mail to info@hegel.com

