



**Hegel H2A**  
**High End Power Amplifier**

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## **USER GUIDE**

Congratulations on your new HEGEL!

Our products are based on a simple philosophy:

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

It uses Scandinavian design reflecting natural music reproduction and styling to fit in with any interior.

The products are easy to operate and are manufactured according to the best quality principles.

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

*Our aim is to give you the best possible music experience!*

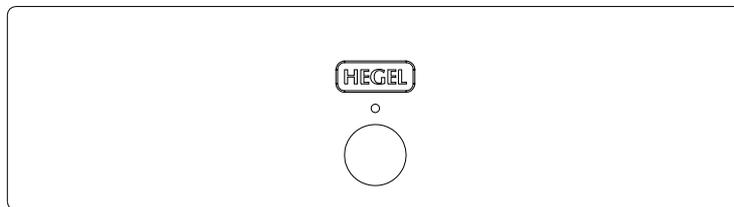
## **SOUND ADVICE**

The Hegel H2A 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.

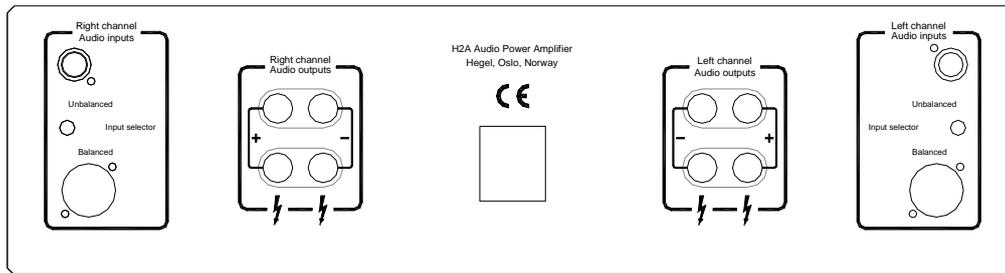


Always connect input cables and output cables with the power switched off.

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 fixed output level, this could potentially generate a very high level music signal damaging the connected speakers.



Back panel of H2A. From left to right the connectors are :

Signal input Phono / RCA right

Input selector switch right channel

Balanced signal input XLR right

Speaker output 1 right

Speaker output 2 right

AC Power connection 230V / 115V / 100V AC dependent on country. Fuse holder.

Speaker output 1 left

Speaker output 2 left

Signal input Phono / RCA left

Input selector switch left channel

Balanced signal input XLR left

The input section of the H2A has two types of audio inputs and outputs: 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 if RCA / phono or XLR input signals are to be used. The input selector switch should point in the direction of the input selected.

## **USE & PLACEMENT**

The HEGEL H2A 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 H2A to switch the amplifier on and off. Never switch on or off the AC voltage supply to the H2A with an external switch. If an external switch is used without switching the H2A power knob off, then the mains fuse in the back side of the H2A can blow. The reason for this is that the internal soft start circuit inside the H2A must be reset by the H2A power on off switch.

The amplifier will automatically switch itself off if overheated.

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

## **CLEANING**

The top cover and knobs are made of brushed and anodized aluminum, while the front panel is made of solid, powder coated aluminum. Fingerprints or stains on the front panel, knobs or top cover can be removed with a cloth moistened with warm water.

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 H2A Power Amplifier

Power output	200W + 200W at 8 Ohms
Minimum load	Loudspeaker impedance down to 1,5 ohms can be used.
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
Frequency response	Less than +/- 0.1 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% @ 100W 8 Ohms 1kHz
Intermodulation	Less than 0.01% (19kHz + 20kHz)
Damping factor	More than 1000 ( main power output stage )
Dimensions	12cm x 43cm x 43cm (HxWxD), 25kg 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](mailto:info@hegel.com)

