



Hegel H200
High End Integrated Amplifier

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USER GUIDE

Congratulations on your new HEGEL!

Our products are based on a simple philosophy:

The audio 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.

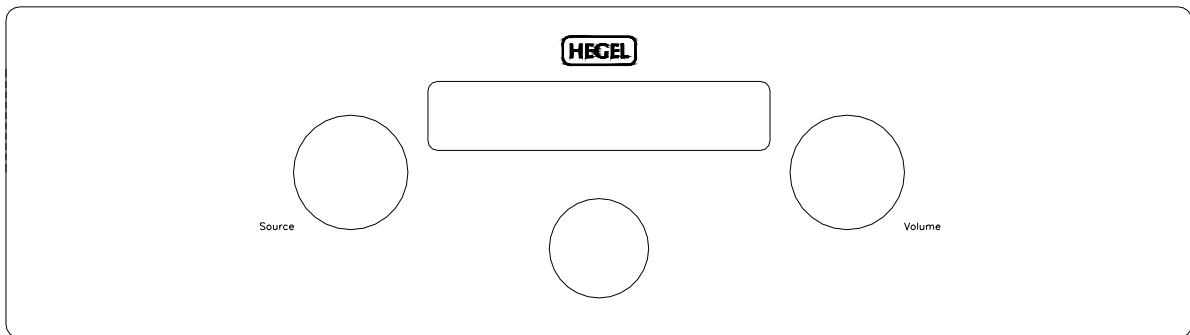
All HEGEL products are created with acoustical instruments in a concert situation as point of reference. The music is reproduced exactly like the original and is limited only by the quality of the recording.

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

SOUND ADVICE

The Hegel H200 Integrated 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 H200 amplifier is switched on with the power button in the middle of the front panel. A light in the display indicates it is switched on.

Source Selector. The input source selector knob is on the left-hand side of the front panel. The available source selections are Home Theater, Aux, Balanced and CD. Two letters in the left-hand side of the display will show the selected input source: ht is Home Theater, Au is Aux, ba is Balanced and cd is of course CD.

The default input when switching on the H200 is always the balanced input, indicating that Hegel recommends using the balanced input to get the best sound possible.

Volume. The volume control knob is on the right-hand side of the front panel, and the volume level is indicated by a number between 0 and 99 in the right-hand side of the display. The default volume setting after switching on the H200 is always 30. The startup volume level will gently be faded up to 30, to give you an audible indication there is sound through the amplifier.

The volume level can be adjusted by turning the volume knob up or down, or by using the VOL+ and VOL- knobs on the RC2 remote control. The volume can be adjusted from the RC2 remote control in two different ways. By pressing the volume knobs shortly the volume level will go one step up or one step down. By holding the volume knob down the volume level will first be adjusted automatically at a slow speed for about 3 seconds and will then be adjusted automatically at a higher speed.

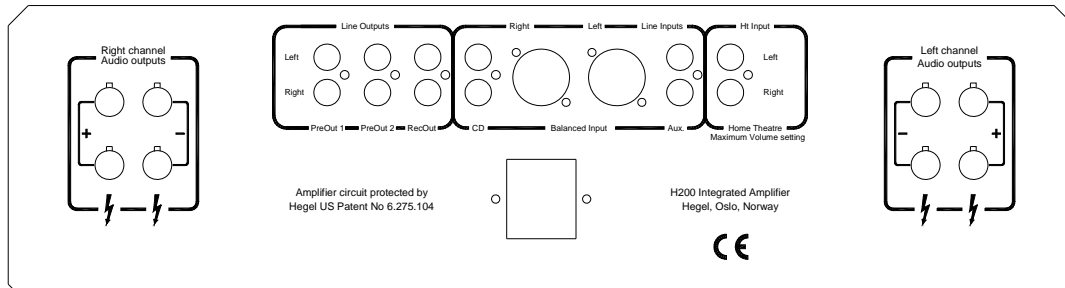
Mute. When the mute button on the RC2 remote control is pressed the speaker outputs and PreOut 1 & 2 outputs are muted. A flashing volume number in the display indicates mute is on. To switch mute off press the mute button on the remote control one more time, press any of the volume buttons on the RC2 remote control or turn the volume adjustment knob up or down.

Home Theater. The Home Theater input is a maximum volume line level input with the volume setting permanently set at maximum volume step 85. This input is available for connecting the H200 to a surround processor with internal adjustable volume. **Do not** connect input sources such as CD-players, DVD-players or similar signal sources to the Home Theater input. If connecting a fixed level CD-player directly to the Home Theater input severe damage can be done to amplifier and connected loudspeakers.

Always connect input / output audio cables and power cable when the amplifier is powered OFF.

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

To get the best sound possible we recommend to use the H200 amplifier with a high quality sound source, a very good choice would be one of the Hegel CD players. The resolution of the Hegel H200 is so high that the best possible combination will be to use a CDP4A together with the H200.



Back side view of the H200 Integrated amplifier.

Speaker outputs Right channel, two sets of parallel connected heavy duty terminals
 PreOut 1 volume controlled preamp output Phono / RCA, right / left
 PreOut 2 volume controlled preamp output Phono / RCA, right / left
 RecOut fixed level line level recording output Phono / RCA, right / left
 CD input Phono / RCA, right / left
 AC Power connection 230V / 115V / 100V AC dependent on country. Fuse holder.
 Balanced signal input XLR right / left input
 Aux input Phono / RCA, right / left
 Home Theater input, fixed maximum line level input, Phono / RCA, right / left
 Speaker outputs Left channel, two sets of parallel connected heavy duty terminals

The preamplifier section of the H200 has two types of audio inputs: unbalanced audio signal with RCA inputs / outputs (Phono connectors) and true balanced audio signal with XLR inputs (pin 2 is positive phase, pin 3 is negative phase and pin 1 is chassis earth).

HEGEL REMOTE CONTROL RC2

The Hegel H200 can be controlled by the included Hegel system remote control RC2. Like other Hegel products, the number of buttons on the RC2 is kept to a minimum.

The volume level, input source and mute function of the H200 can be operated by using the remote control. The Hegel system remote control will also control other Hegel products like CD-players and preamplifiers, avoiding the need for several different remote control devices.

The remote control is using two standard small 1.5-volt **LR03 / AAA** batteries. To insert the batteries please use a normal type cross head screwdriver to gently remove the four screws in the bottom of the

remote control. Be careful and use a normal cross head screwdriver to remove the four Philips cross head screws. Do not use a “Pozidrive” cross head screwdriver, it can damage the head of the screws.

Be sure to insert the batteries with the correct polarity with + sign and – sign as shown inside the battery holder, and be careful when inserting the batteries to not damage the battery holder.

Be careful when inserting the screws after fitting the batteries. Please turn the screws gently by hand first to avoid damaging the threads in the remote control body. The threads are made in a soft metal and can be damaged if screws are inserted by force. Do not tighten the screws to hard, as this can damage the screws and the soft aluminium metal body of the remote control.

Please **do not drop** the remote control down on the floor or any hard surface, as this can damage internal parts of the remote control or the battery holder.

To avoid damage to the remote control by leakage from the batteries during transport and storage, the remote control is supplied without batteries from Hegel.

USE & PLACEMENT

The HEGEL H200 should be placed on a flat, hard surface for proper cooling. The amplifier performs best after being switched on for about 1 hour for heating up. A certain space is required for air circulation above and below 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.

We do not recommend placing a CD player or similar device directly on top of the H200. Both the H200 and the CD player will get warm, and they will not perform in an optimal way. A much better solution is to have the H200 and the CD player on separate shelves or placed besides each other.

The amplifier will automatically switch itself off if overheated.

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

Always use the power switch on the front panel of the H200 to switch the amplifier on and off. Never switch on or off the AC voltage supply to the H200 with an external switch. If an external switch is used without switching the H200 power knob off, then the mains fuse in the back side of the H200 can blow. The reason for this is that the internal soft start circuit inside the H200 must be reset by the H200 power on off switch.

Never lift the H200 by holding around the volume knob or input selector knob. The H200 is heavy, and applying pressure can damage the knobs.

TRANSPORT AND SHIPPING OF AMPLIFIER

If you are packing the amplifier for shipping please follow these instructions to secure the volume and source knobs are not damaged in transport:

1. Put the plastic bag around the amplifier from the front panel side of the amplifier. Leave about 10cm (4 inches) of open room between bottom end of plastic bag and volume and source knobs, making sure the plastic bag bottom end will not touch the knobs during transport.
2. Insert the amplifier in the two white shock absorbers, one in the left-hand side and one in the right-hand side of the amplifier. This is the recommended procedure to fit the shock absorbers: first put the left-hand side shock absorber down on the floor. Then put the plastic bag into the shock absorber with the opening facing upwards. Hold the amplifier firmly in the middle of the front panel and the middle of the back panel and be careful to not hold around the volume and source knobs. Put the amplifier down into the plastic bag and Left-hand side shock absorber. Close the plastic bag around the amplifier. Then put the right hand shock absorber on top of the Right-hand side of the amplifier.
3. Insert the amplifier into the cardboard box. Be careful to not hold around the volume and source knobs when putting the amplifier in the cardboard box.
4. Make sure the plastic bag is still loose around the volume and source knobs to avoid any damage to the knobs during transport.

CLEANING

The top cover, side panels and knobs are made of brushed / blasted and anodized aluminium, while the front panel is made of solid, powder coated aluminium. Fingerprints or stains on the front panel, knobs or top cover can be removed with a cloth moistened with warm water or with a mild detergent suitable for cleaning mirrors and bathroom.

We have found that the detergent Bio-Tex OXI effect supplied in an orange plastic spray can is working particularly well in cleaning the front panel, top cover and side panels.

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

H200 Integrated Amplifier

Power output	200W + 200W in 8 Ohms, Dual mono
Minimum load	Loudspeaker impedance down to 2 ohms can be used.
Input Sources	4 remote controllable inputs switched by gold plated relays
Home Theater	Maximum Line Level Home Theater input for surround sound system
Input Terminals	Gold plated Phono / RCA unbalanced and gold plated XLR balanced
Output Terminals	Two sets of high quality gold plated speaker terminals for each channel
Line level Outputs	Gold plated Phono / RCA unbalanced RecOut, PreOut 1 and PreOut 2
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 0.01% @ 100W 8 Ohms 1kHz
Intermodulation	Less than 0.01% (19kHz + 20kHz)
Damping factor	More than 1000 (main power output stage)
Remote Control	Philips RC-5 compatible IR system 36kHz modulation
Dimensions	12cm x 43cm x 38cm (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

