

**HEGEL**

**P10 Anniversary  
High End Pre 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.

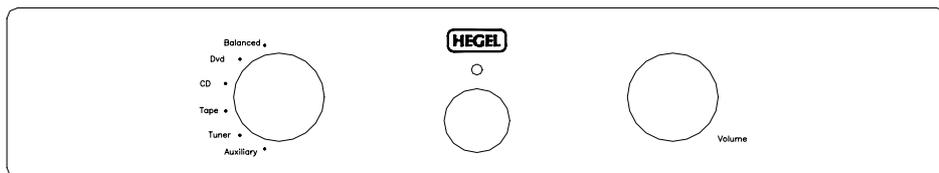
*The aim of HEGEL is to give you the best possible music experience!*

## SOUND ADVICE

The Hegel P10 Anniversary Pre 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



## ONE MINUTE CALIBRATION AT POWER ON

The pre amplifier is switched on with the button in the middle of the front panel. After the power is switched on there will be a calibration period of about one minute before the P10 Anniversary pre amplifier is ready to play music.

The first minute of operation is used to calibrate the sophisticated internal audio circuits of the pre amplifier, and the calibration period is indicated by a flashing blue power light. When the start-up calibration is over the blue light will stop flashing and have a permanent blue light. Now the P10 Anniversary pre amplifier is ready to play music.

## GENERAL OPERATION

The left hand knob is the channel selector with selections: Balanced, DVD, CD, Tape, Tuner and Auxiliary, and the right hand knob is the volume control. The selected input is indicated by a blue light.

When the mute button on the Hegel Remote Control is pressed the amplifier outputs are muted. Mute is indicated by a flashing blue power light. To go back to normal operation press the mute button one more time.

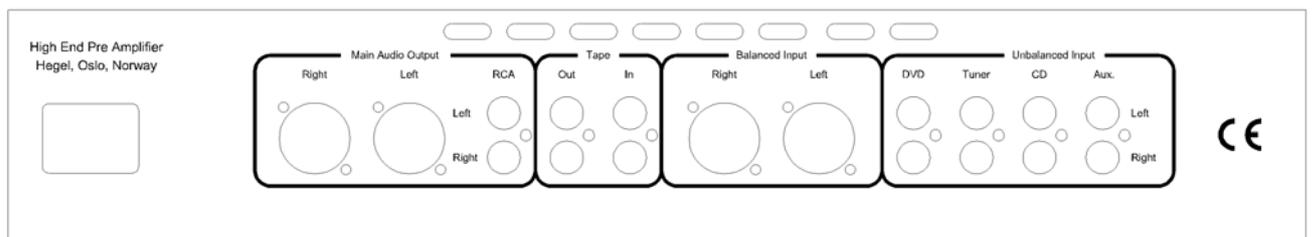
## CONNECTION OF AUDIO CABLES

Always turn power off before connecting or disconnecting audio input and audio output cables.

## SWITCHING BETWEEN AUDIO INPUTS

To avoid abrupt sounds in the loudspeakers we recommend turning the volume control down before changing the input selector switch or switching inputs with the remote control. When switching inputs a transient signal might arise, which can give an audible pop in the speakers. The pre amplifier will not be harmed, but to avoid annoying sounds in the speakers, the volume should be turned fully down before switching inputs.

## REAR SIDE OF P10 ANNIVERSARY PRE AMPLIFIER



Viewed from the rear side from left to right:

AC Power connection 230V / 115V / 100V AC dependent on country

Balanced output XLR Right

Balanced output XLR Left

Unbalanced output RCA, Left / Right

Tape output RCA, Left / Right

Tape input RCA, Left / Right

Balanced signal input XLR Right

Balanced signal input XLR Left

DVD input RCA, Left / Right

Tuner input RCA, Left / Right

CD input RCA, Left / Right

Aux input RCA, Left / Right

The P10 has got two types of audio inputs and outputs: unbalanced audio inputs with RCA plugs (Phono plugs) and true balanced audio inputs with XLR plugs (pin 2 is positive phase, pin 3 is negative phase and pin 1 is chassis ground).

## **HEGEL REMOTE CONTROL RC2**

The Hegel P10 can be controlled by the included Hegel system remote control. Like other Hegel products, the number of buttons is kept to a minimum.

The input source is selected by pressing the CH+ ( Input Channel + ) and CH- ( Input Channel - ), the volume is adjusted by pressing VOL + and VOL -. The mute function toggles on and off by pressing the MUTE button. The Hegel system remote control will also control other Hegel products like CD players and integrated amplifiers, avoiding the need for several different remote control devices.

The remote control uses two standard 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 also can damage the screws and the soft metal body of the remote control.

Please do not drop the remote control hard down in the floor, as this can damage internal parts of the remote control and 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 P10 Anniversary should be placed on a flat, horizontal surface for best possible sound. The amplifier performs best after being switched on for about 1 hour for heating up.

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

## **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, putting the bag on from the Left or Right hand side of the amplifier. Put the amplifier in the middle of the plastic bag, making sure the plastic bag will not be tight against the volume or source knobs during transport.
2. Insert the amplifier in the two shock absorbers, one in the left hand side and one in the right hand side of the amplifier.
3. Insert the amplifier into the cardboard box.
4. Make sure the plastic bag is still not touching the volume and source knobs to avoid any damage to the knobs during transport.

## **CLEANING**

The top cover and the side panels are made of brushed and anodized aluminum, while the front panel and knobs 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 pre amplifier and hope that it will give you many years of joyful natural sounding music experiences!

## TECHNICAL SPECIFICATIONS

### P10 Anniversary Pre Amplifier

Gain stage	True balanced Hegel SoundEngine FET open loop design
Volume Control	True balanced Relay switched volume control
Channel balance	Less than +/- 0.1dB deviation
Input Sources	6 inputs switched by gold plated relays
Input Terminals	Gold plated RCA unbalanced and gold plated XLR balanced
Line level Outputs	Gold plated RCA unbalanced and gold plated XLR balanced
Frequency response	Less than +/- 0.05 dB deviation 20Hz-20kHz
Phase response	Less than 0.5 degrees deviation 20Hz-20kHz
Noise floor	Less than -130dB
Crosstalk	Less than -100dB
Distortion	Less than 0.01%
Intermodulation	Less than 0.01% (19kHz + 20kHz)
Remote Control	Philips RC-5 compatible IR system 36kHz modulation
Dimensions	8cm x 43cm x 30cm (HxWxD), 10kg shipping 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)

