

H80

Music Machine



Hegel H80 - Ultra high-performance music machine

In the H80 integrated amplifier with digital and analog inputs, technology from the Reference Hegel products has virtually been pouring down. Hegel's patented SoundEngine output stages, the Reference quality preamp and our critically acclaimed DACs. All in one box. A Music Machine!



Digital-inputs

The H80 includes both coaxial/optical and USB-inputs (coaxial, optical is hard switched), as well as RCA and XLR analog connections. All with our proprietary re-clocking and 24 bit technology.



Full HD resolution

The H80 supports full High Definition Audio with a resolution of 24bits / 192kHz on the coaxial and optical inputs. The USB is fully plug & play with up to 24 bits / 96 kHz resolution.



Yes sir, it can BOOGIE

With the hand matched FET transistor pairs, ultra silent pre amplifier and SoundEngine technology, the H80 is extremely potent. Quite simply, it brings out the music with all its dynamics, staging, naturalness and not to forget, the sheer "Ooompf" that the artist intended.



The super pre amplifier

The H80 uses our unique Reference class pre amplifier. With technology developed for high frequency measuring equipment, the H80 has extremely low levels of noise. Giving you more of the soundstage and music than you have ever experienced before.



HEGEL H80 Amplifier with DAC

In the H80 integrated amplifier with digital and analog inputs, technology from the Reference Hegel products has virtually been pouring down. Hegel's patented SoundEngine output stages, the Reference quality preamp and our critically acclaimed DACs. All in one box. A Music Machine!

The H80 features 5 digital inputs with 24 bit technology, 1 true balanced analog input and 2 unbalanced analog inputs (one of which can be configured to be a Home Theatre direct input). The USB input even allows you to use the supplied remote control to maneuver within play lists on your computer. Skip / Play / Pause the songs. And not only that, it is all plug & play.

The DAC inside the H80 is based on Hegel's stand-alone DACs, which have been recognized by critics as some of the best in the industry. Much thanks to Hegel's proprietary re-clocking technique and the unique way we implement the digital components. The result of which is less additives to the music. You only hear what you are supposed to, and that makes the sound so much more life-like.

The analog stage is equally as impressive. The pre amplifier comes directly from one of our Reference stand-alone pre amplifiers. The design bases itself on components brought in from far beyond the regular audio industry, and the benefit is very low noise. This means that all the finer details are preserved, and you can virtually "feel" the room the artist is performing in.

In many ways, we could define the sound as "the sum of all things that aren't there".

But then there are all the things that actually are there. Brought there by our patented SoundEngine technology. This not only reduces distortion, but it also dramatically increase something called damping factor. This is a description of bass control, and gives the H80 a level of punch, driving power and dynamics that is completely unheard of in this price range.

This combination of versatility and quality of sound is what gives it the name Music Machine.



| | | |
|-----------------------|---|--|
| Digital inputs | : | 2 coax, 2 optical and 1 USB |
| Analog inputs | : | 2 RCA unbalanced (1 configurable) and 1 XLR Balanced input |
| Output Power | : | 75+75W in 8 ohms |
| Frequency response | : | 5 Hz - 100.000 Hz |
| Signal-to-noise ratio | : | More than 100dB |
| Crosstalk | : | Less than -100dB |
| Distortion | : | Less than 0.01% @ 50W 8 Ohms 1kHz |
| Intermodulation | : | Less than 0.01% (19kHz + 20kHz) |
| Damping Factor | : | More than 1000 |
| Dimensions/Weight | : | 8cm x 43cm x 34.5cm (HxWxD), 12kg |
| Dimensions/Weight US | : | 3.15" x 16.93" x 13.80" (HxWxD), 26.4 lb (shipping weight) |



Mail: info@hegel.com, Web: www.hegel.com
 Specifications are subject to change without notice