



SOUND PERFECTED: SENNHEISER INTRODUCES HDV 820 HEADPHONE AMPLIFIER

HDV 820 complements Sennheiser's audiophile range to deliver the ultimate acoustic performance

Wedemark/Tokyo, April 28, 2017 – At the Tokyo Headphone Festival, held from April 29-30, Sennheiser will showcase the latest product in its audiophile range: the fully balanced headphone amplifier HDV 820. Building on the accomplishments of the audio specialist's first-ever digital headphone amplifier, the acclaimed HDVD 800, the new HDV 820's enhanced, higher resolution and ultra low distortion components open up a whole new listening experience for the most demanding audiophiles.

The HDV 820 amplifier allows for an adulterated listening enjoyment, thanks to its improved fully balanced signal processing and extremely low harmonic distortion. It provides an incredibly pure sonic experience for every audio source.



Sennheiser's new HDV 820 headphone amplifier builds on the accomplishments of the HDVD 800 and provides an incredibly pure sonic experience for every audio source.

The all new digital section of the HDV 820 is powered by a high-quality ESS SABRE32 digital-to-analog converter in a completely balanced topology. The DAC offers unequalled dynamic range, ultra-low distortion and unmatched audio clarity. It performs at a PCM resolution of 32 bits and a sampling rate of up to 384 kHz and up to 12.3 MHz in the DSD mode.

The analogue section and the power amplifier of the HDV 820 derive from the existing HDVD 800, but in a carefully improved version. Its multiple audio outputs include an unbalanced output through an XLR3/6.3mm combined NEUTRIK socket, one balanced XLR4 and two balanced 4.4mm Pentaconn sockets. With the Pentaconn Connector, the Japan Electronics and Information Technology Industries Association (JEITA) has set a standard for balanced headphone connections which will minimize today's complexity of non-standardized connectors. Due to its diameter of 4.4mm, it is suitable for mobile and stationary applications.



The unmodulated, very low contact resistance of the Pentaconn Connection leads to a distortion-free signal transmission. The HDV 820 delivers superlative performance using digital sources, whether optically, coaxially or via USB, as well as analogue sources via balanced (XLR) and unbalanced (RCA) inputs.

“The HDV 820 builds on the accomplishments of the HDVD 800 with greater resolution and enhanced connectivity, an evolution that provides a sound experience so pure and engaging that the listener could be sitting right in front of the audio source. The HDV 820 shows what is possible when you believe that sound is not something just to be listened to, but rather something to be experienced,” explains Manuel Ricke, Product Manager Audiophile at Sennheiser.

The perfect addition to Sennheiser’s audiophile headphones range

Designed and manufactured in Germany, the HDV 820 has been created to be a perfect companion to Sennheiser’s audiophile headphones. The amplifier delivers a particularly impressive acoustic performance when paired with Sennheiser’s acclaimed HD 800 S headphones. This harmony is reflected by a new anodized black finish with white LED lights, a design that complements the subtle elegance of the HD 800 S.

The new model comes supplied with a dedicated, country-specific power cable.

CH 800 P: The Pentaconn cable solution

In addition to the headphone amplifier HDV 820, Sennheiser presents the new balanced headphone connection cable CH 800 P. It comes with a straight gold plated Pentaconn connector in a black housing on the amplifier side and two (L/R) medical grade ODU connectors on the headphone side. It enables the acclaimed headphone models HD 800 and HD 800 S to connect to devices with Pentaconn outputs such as the HDV 820.

Sennheiser’s HDV 820 and CH 800 P will be available from July 2017.



About Sennheiser

Audio specialist Sennheiser is one of the world's leading manufacturers of headphones, microphones and wireless transmission systems. Based in Wedemark near Hanover, Germany, Sennheiser operates its own production facilities in Germany, Ireland and the USA and is active in more than 50 countries. With 19 sales subsidiaries and long-established trading partners, the company supplies innovative products and cutting-edge audio solutions that are optimally tailored to its customers' needs. Sennheiser is a family owned company that was founded in 1945 and which today has 2,750 employees around the world that share a passion for audio technology. Since 2013, Sennheiser has been managed by Daniel Sennheiser and Dr. Andreas Sennheiser, the third generation of the family to run the company. In 2015, the Sennheiser Group had sales totaling €682 million. www.sennheiser.com

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