

A trio with state-of-the-art technology: three new wireless headphones from Sennheiser

Wedemark, 2 September 2009 – Conquering the Empire as a Jedi knight without waking the neighbours? Conducting a symphony orchestra in fortissimo with the kids asleep in their beds? No longer a problem with the new wireless headphones from Sennheiser. No matter whether connected to a television set or a hi-fi system – the RS 160, RS 170 and RS 180 guarantee an excellent sound experience. Dynamic sound transducers with powerful neodymium magnets ensure a clear, high-resolution audio playback whilst the Klear transmission technology promises uncompressed transmission of the audio data. The three new headphones will be shown for the first time at the IFA in Berlin.

“The RS 160, RS 170 and RS 180 headphones represent a perfectly free, wireless sound experience,” says Maurice Quarré, Head of Product Management Consumer Electronics at Sennheiser. “All three models offer highly impressive audio quality – with no cables to get in the way. They all use Klear transmission technology, which operates without compression and therefore without any audio loss.” Not only can you move around while watching television but you can also enjoy cable-free music at a radius of up to 100 metres (RS 160 up to 20 metres, RS 170 up to 80 metres and RS 180 up to 100 metres, line of sight).



Cinema-quality performance

The new RS models combine cinema-quality sound with movie star looks. “Clear lines and sophisticated, reflective surfaces in black, silver and anthracite make them genuinely desirable design objects,” continued Maurice Quarré. The headphones,

with their soft padded ear cups and adjustable headbands, are specifically designed for hours of television or music enjoyment and are still comfortable to wear when your movie night eventually draws to a close.

Cinema-quality sound in the living room

Tried and tested Sennheiser technology ensures transparent and balanced sound with the new wireless headphones. Dynamic transducers with powerful neodymium magnets and a distortion of only 0.5 percent reproduce even the subtlest musical nuances. The frequency response reaches from 18 to 21.000 Hertz. With a sound pressure level of 106/110 decibels the three headphones have outstanding dynamics.



The RS 160 is the entry-level model: the closed headphones impress with their detailed sound and powerful bass reproduction. The volume can be controlled directly on the headphones. The RS 170 is also a closed model and delivers dynamic bass boost and switchable surround sound. The top-of-the-range RS 180 model is targeted at sound purists; the open design ensures a particularly natural listening experience which can be set to individual preferences. The speech intelligibility can be improved through dynamic compression (Automatic Level Control) and the balance can also be individually adjusted.

Plug and Play

It's just so easy to connect the wireless headphones – whether to a television set, stereo system or DVD-Player. If the transmitter is connected to an audio or video device, it automatically transmits the audio data to the headphones: switch them on, put them on and sit back and enjoy the results. The 2-gigahertz digital radio transmission ensures smooth transmission with a high signal-to-noise ratio of 85 dBA. The Klear technology even allows the listening pleasure to be shared as up to four headphones can receive radio signals via one transmitter.

The transmitter of the RS 160 has a diameter of only 9.7 centimetres. When connected to an MP3 player or mobile phone it fits easily into a backpack, which means that the headphones can be used for wireless music enjoyment whether

you are at home or out and about. The RS 170 and RS 180 transmitters are a little larger as these also serve as a charging cradle.

All three models will be available worldwide from October.

The Sennheiser Group with its headquarters in Wedemark, near Hannover, Germany is one of the world's leading manufacturers of microphones, headphones and wireless transmission systems. The family-owned company established in 1945 recorded sales of over €385 million in 2008. Sennheiser employs over 2,100 people worldwide, around 55% of whom are in Germany. Sennheiser has manufacturing plants in Germany, Ireland and the USA and is represented worldwide by subsidiaries in France, the United Kingdom, Belgium, the Netherlands, Germany, Denmark (Nordic), Russia, Hong Kong, India, Singapore, Japan, China, Canada, Mexico and the USA and through long-term trading partners in other countries. Also part of the Sennheiser Group are Georg Neumann GmbH, Berlin (studio microphones), K + H Vertriebs- und Entwicklungsgesellschaft mbH (Klein + Hummel studio monitors, installed sound) and the joint venture Sennheiser Communications A/S (headsets for PCs, offices and call centres).

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