

Perfect entry into the professional league:

Sennheiser presents its 2000 Series at NAB 2009

Las Vegas/Wedemark, 20 April 2009 – Sennheiser’s wireless technology is highly regarded in the professional audio world. Performers, rental companies, sound engineers and sound designers throughout the world put their faith in the highly reliable microphone and monitoring systems from the audio specialist. At this year’s NAB show in Las Vegas, Sennheiser is presenting an entry-level series for the professional segment. The 2000 Series includes rugged products for a wide range of wireless applications. Handheld and bodypack transmitters with single or twin receivers are available for stage, broadcasting and installed sound applications. For monitoring, professional users can combine the diversity receivers of the series with single or twin monitor transmitters.

“A high level of frequency flexibility and multi-channel capability, professional control via the *Wireless Systems Manager* software, a well-thought-out menu structure and superb audio quality are the outstanding features of the 2000 Series,” explained Astrid Vettin, Product Manager for Professional Wireless Systems. What is more, the familiar professional accessories of the 3000 and 5000 Series – clip-on microphones, antennas, boosters, combiners, etc. – are also compatible with the 2000 Series.

Fast set-up for multi-channel systems

With its many convenient extras, the 2000 Series makes setting up multi-channel systems fast and simple.



Depending on the UHF range, the units have a switching bandwidth of up to 75 MHz, in which up to 64 compatible frequency presets are

available for microphones and up to 32 for monitoring systems. The rack-mount units can transmit their frequency data, name, sensitivity, low cut, etc. to the corresponding portable transmitters or receivers via an infrared interface.

An antenna loop-through socket and an integrated active splitter allow up to eight rack receivers to be daisy-chained quickly and easily. The systems can be conveniently monitored and controlled by a PC, and for this purpose all rack-mount transmitters and receivers are equipped with an Ethernet socket. The *Wireless Systems Manager* provides a comprehensive range of functions and is currently the only software available on the market that can monitor and control semi-professional and professional microphone and monitoring systems of different generations at the same time.

In order to focus either on maximum operational reliability for multi-channel applications or on a greater range, depending on the application, the transmitter output power can be switched between 10, 30 and 50 mW; a special US version also has an output power of 100 mW.

Superb audio quality

The wide audio frequency response (25 or 80 Hz to 20,000 Hz) and a sensitivity that is adjustable within a wide range also put the 2000 Series at the top of the list when it comes to audio transmission quality. For the SKM 2000 handheld transmitter – in the Sennheiser design with its characteristic “fin” – all capsules from the popular evolution series can be used. From July onwards, the microphone head of the e 965 true condenser microphone will also be available for the handheld transmitter. The bodypack transmitter is equipped with a special three-pole plug and can therefore be used with all professional clip-on microphones from Sennheiser’s huge range.



Many guitar extras

The audio frequency response of the bodypack transmitter extends down as far as 25 Hz (line) to ensure full sound also from the bass guitar. The instrument cable is fitted with Neutrik’s **silentPLUG**[®]. As a special extra, the receiver has a built-in guitar tuner, eliminating the need for an additional tuner.

And the preferences of 'wired' guitarists have not been forgotten either. "For many guitarists, the cable provides part of the characteristic sound of their instrument, as the capacitance of the cable has an influence on the sound," explained Astrid Vettin. "Therefore, this effect can be emulated in four settings in the receiver menu to generate the preferred guitar sound."

Uncomplicated monitoring

The monitoring system features a compact diversity receiver with a metal housing. In addition to mono and stereo settings, the EK 2000 IEM also has the familiar *Focus* mode that allows users to set their personal mix of their own



voice or instrument and the band. At the monitor transmitters with their 5-band graphic equalizer,

the audio signal can be looped through to further transmitters, which means that the band signal has to be picked up only once at the mixing console before being made available to all band members.

Intelligent battery concept

All portable transmitters and receivers can be powered either by standard batteries or by rechargeable accupacks, and have external charging contacts (with the exception of the plug-on transmitter). When switched off, the portable units have a very low power consumption, which means that the accupacks remain charged even during long periods without use.

The handheld transmitter, bodypack transmitter and receiver of the 2000 Series will be available from May, the monitoring system from June 2009. The MMK 965-1 microphone head of the evolution e 965 true condenser microphone will be launched in July.

Please visit Sennheiser at the NAB Show, North Hall, Stand 6520.

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The Sennheiser Group, with its headquarters in Wedemark near Hanover, Germany, is one of the world's leading manufacturers of microphones, headphones and wireless transmission systems. The family-owned company, which was established in 1945, recorded sales of over €395 million in 2007, 83% of which were generated abroad. Sennheiser employs almost 2,000 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, Great Britain, Belgium, the Netherlands, Germany, Denmark (Nordic), Russia, Hong Kong, India, Singapore, Japan, China, Canada, Mexico and the USA, as well as by long-term trading partners in many 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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Press Release