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Wireless Sound for Videos – Professional and Easy with Sennheiser AVX

Wedemark/Las Vegas, 13 April 2015 – At the NAB Show in Las Vegas, audio specialist Sennheiser is unveiling wireless microphone systems for cameras that will also be interesting for ambitious film-makers. Wireless sound for video can now be recorded in just a few easy steps: plug the receiver onto the camera's audio input, switch on the microphone transmitter – and everything is ready for action. The system itself will take care of all the technical settings.

"In many video situations, film-makers prefer not to work with the camera's built-in or plug-on microphone but would rather record a speaker or their own voice directly. In such cases, cabled microphones are not ideal, as they severely restrict creative freedom. The optimum solution is wireless recording,"

explained Sven Boetcher, Portfolio Manager Broadcast & Media at Sennheiser. "AVX makes it easier than ever before: without the need to license the wireless system, without making the usual settings, but with reliable wireless transmission – which means that you can concentrate entirely on filming."



Wireless without stress

Until now, many film-makers have avoided using wireless audio transmission for their video sound because they were put off by the formalities surrounding licensing and the technical complexity involved. AVX eliminates both obstacles. The system transmits in the license-free frequency range around 1.9 GHz and automatically searches for free transmission frequencies. If a source of interference appears, AVX inaudibly shifts to a new frequency. The system also sets the correct sensitivity automatically. Sound that is too loud or, even worse, too quiet is now a thing of the past.

Ready for action with three complete systems

AVX is available in three sets: with a wireless microphone (handheld transmitter), with a bodypack transmitter and clip-on microphone and in a special professional

version with a bodypack transmitter and an MKE 2 clip-on microphone, the standard for film and TV productions.

The receiver is plugged directly into the camera's XLR-3 input. If the camera has phantom power for microphones, the compact microphone receiver is automatically activated together with the camera. For cameras with a jack plug input, an adapter cable is included and the receiver is simply attached to the camera's hot shoe using the accessories enclosed.



Range on demand

AVX is equipped with adaptive transmitting power – that means that the system always uses the power that is required to maintain a secure connection between the microphone and the camera. That not only ensures that the connection is stable, it also reduces battery power consumption.

Well-designed battery concept

The receiver and transmitter are powered by lithium-ion batteries, which are recharged via a USB port. The transmitters display the amount of battery life remaining. The batteries and a separate charger unit are included in the camera set.

The AVX systems will go on sale from June 2015. All system components are also available separately. www.sennheiser.com/avx

Visit Sennheiser at NAB, C2055, Central Hall.

Captions:

AVX-835 Set.jpg: Comfort and quality: AVX makes wireless sound for videos easier than ever before

AVX-MKE 2 Set.jpg: The Lavalier Set with the ME 2 clip-on microphone

((The technical data of the system and a system overview are attached as separate files.))

The Sennheiser Group based in Wedemark near Hanover, Germany, was founded in 1945 and has gone on to become a leading manufacturer of microphones,

headphones and wireless transmission systems. Sales in 2013 totaled 590.4 million euros. Sennheiser employs more than 2,500 staff worldwide and operates plants in Germany, Ireland and the USA. The company has a worldwide network of subsidiaries in France, Great Britain, Belgium, the Netherlands, Switzerland and Liechtenstein, Germany, Denmark (Nordic), Russia, Hongkong, India, Singapore, Japan, China, Australia and New Zealand, Canada, Mexico, and the USA. It also has long-established trading partners in other countries. Georg Neumann GmbH, Berlin, a maker of studio microphones and monitor speakers, and Sennheiser Communications A/S, a joint venture making headsets for PCs, offices and call centers, are also part of the Sennheiser Group.

More up-to-date information about Sennheiser is available on the internet at www.sennheiser.com

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