



SETTING A NEW BENCHMARK: THE SENNHEISER SK 6212 MINI-BODYPACK

Wedemark/Amsterdam, 5 February 2019 – At NAMM 2019, Sennheiser has announced that its brand-new SK 6212 mini-bodypack transmitter, part of the award-winning Digital 6000 wireless microphone series, will be shipping from March. Designed for multi-channel audio applications in the fields of broadcasting, (musical) theatre and live audio, but also an ideal choice for corporate, education and presentation purposes, the mini-transmitter is lightweight, spectrum-efficient and offers rock-solid digital transmission with high-quality audio.

“A decade ago, Sennheiser’s SK 5212 set a standard globally, being the smallest professional UHF microphone transmitter available at the time,” remembers Tom Vollmers, Senior Product Manager Pro Audio. “With the digital SK 6212, we are opening a new chapter. We have developed this mini-transmitter hand in glove with our pro audio key customers, and the result is a new standard: compact, spectrum-efficient, and with a long battery life.”



Setting a new standard:
the Sennheiser SK 6212 digital
mini-bodypack transmitter

The mini bodypack is only about 63 x 47 x 20 millimeters in size and weighs approx. 112g including the battery, making it totally unobtrusive and easy to hide from view. Added to this are comfortably rounded corners and edges plus a flexible, replaceable antenna, making the SK 6212 easy on delicate clothing. An additional inner sealing in the transmitter ensures a good level of moisture resistance. Moreover, there is no more stress with battery life: The SK 6212’s rechargeable lithium-polymer battery has a spectacular operating time of 12 hours.

Like the other transmitters in the Digital 6000 series, SK 6212 transmits free from intermodulation, which means that the transmission frequencies can simply be placed in a spectrum-efficient, equidistant grid – no calculation needed, just scanning for free spectrum, and no blocking of the scarce spectrum by intermods.



Sound engineers will value the fact that despite its miniature size, the transmitter offers a fully-fledged user interface with an OLED display and function buttons. The SK 6212's BA 62 lithium-polymer battery can be removed and recharged in the Digital 6000 rack-mount charger via the dedicated LM 6062 charging module.

The SK 6212 is fitted with a removable lithium-polymer battery (BA 62) that ensures an operating time of 12 hours. Recharging is via the L 6000 rack-mount charger using the pictured LM 6062 charging module



On the audio side of things, the miniature bodypack uses the purpose-designed, proprietary SeDAC audio codec – the same DAC as used in the high-end Digital 9000 wireless system. As part of the Digital 6000 family, the SK 6212 is compatible with 6000 series receivers – including the analogue/digital EK 6042 camera receiver – and the receiver of the Digital 9000 series.

Tom Vollmers: “The SK 6212 will allow users to fully concentrate on the task at hand because it can be barely felt when worn, and gives the engineer peace of mind thanks to its reliable transmission, great audio and long operating time.”

Technical data

Transmission: digital modulation, LR mode, recommended min. frequency spacing for equidistant grid: 400 kHz in standard mode

Audio codec: proprietary SeDAC

Frequency ranges: A1-A4: 470.200 - 558.000 MHz; A5-A8: 550.000 - 638.000 MHz, B1-B4: 630.000 - 713.800 MHz, A5-A8 US: 550.000 - 607.800, B1-B4 AU: 630.000 - 693.800

Switching bandwidth: up to 88 MHz

RF output power: standard mode: 15 mW_{rms}; low-power mode: 3.5 mW_{rms}

Frequency stability: < 5 ppm

Tunability: in steps of 25 kHz

Encryption: AES 256

Mic input: 3-pin audio socket



Antenna output: co-axial socket

Audio frequency response: 30 Hz – 20 kHz (-3 dB)

Audio gain: Mic: adjustable in steps of 3 dB from -6 dB to +42 dB

Total harmonic distortion: typ. 0.002% (at 0 dBu input level, 0 dB gain, 1 kHz)

Signal-to-noise ratio: typ. 113 dB(A)

Input impedance: (mic) 47 kΩ / 12 kΩ bias resistor

Lower cut-off frequency (-3 dB): adjustable: 30 Hz, 60 Hz, 80 Hz, 100 Hz, 120 Hz

Operating time: typ. 12 hrs at 25 °C

Operating temperature range: -10 °C to +55 °C

Size: approx. 63 x 47 x 20 mm

Weight: approx. 112 g including battery and antenna

Battery type: rechargeable lithium-polymer battery

Visit Sennheiser at ISE, Hall 2, Stand No. B-50.

About Sennheiser

Shaping the future of audio and creating unique sound experiences for customers – this aim unites Sennheiser employees and partners worldwide. Founded in 1945, Sennheiser is one of the world's leading manufacturers of headphones, microphones and wireless transmission systems. With 21 sales subsidiaries and long-established trading partners, the company is active in more than 50 countries and operates its own production facilities in Germany, Ireland, Romania and the USA. Since 2013, Sennheiser has been managed by Daniel Sennheiser and Dr. Andreas Sennheiser, the third generation of the family to run the company. In 2017, the Sennheiser Group generated turnover totaling €667.7 million. www.sennheiser.com

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