



DIGITAL 6000

SK 6000

BENEFITS

- Digital, lightweight and rugged high performance body pack with a wide selection of microphones or as an instrument transmitter
- Intermodulation-free even at close proximity to multiple transmitters
- Large 88 MHz switching bandwidth ensures flexibility and reliable operation even in demanding RF environments



The lightweight SK 6000 digital pocket transmitter can be combined with lavalier microphones and headsets, and shines as a high-end solution for instruments like guitar and bass. Maximum transmission reliability of the renowned Long Range mode and outstanding audio quality of the Sennheiser Audio Codec (SeDAC) are shared with the wireless masterpiece, Digital 9000. Sophisticated electronics prevent disturbing intermodulation, even with numerous transmitters in the most confined spaces. This allows operation in an equidistant frequency grid and efficiently utilizes the available frequency spectrum.

The right microphone for every application: Sennheiser lavalier microphones MKE 1, MKE 2 and MKE 40, Headsets HSP 2, HSP 4 and SL Headmic.

A special magnesium housing offers the perfect balance between light weight, inconspicuous size and rugged construction with shielding against moisture. The BA 61 lithium-ion battery pack ensures up to 6.5 hours of operation. Alternatively, operation is also possible with batteries from the B 60 battery set.

Additionally, the transmitter is compatible with the EK 6042 and EM 9046 in Long Range mode.

SCOPE OF SUPPLY

- 1 bodypack transmitter SK 6000
- 1 antenna
- 1 beltclip
- Quick guide
- Safety guide



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Technical Data

Modulation scheme	Digital modulation Long Range Mode
Audio codec	SeDAC (Sennheiser Digital Audio Codec)
Frequency range	470 to 718 MHz, subdivided into 3 ranges: SK 6000 A1 – A4: 470 – 558 MHz SK 6000 A5 – A8: 550 – 638 MHz SK 6000 B1 – B4: 630 – 718 MHz
Switching bandwidth	88 MHz
Frequency stability	< 5 ppm
Tuneability	25 kHz steps
Encryption	AES 256 and Digital 9000 encryption
Lower cut-off-frequency (–3 dB)	Mic: adjustable, 30 Hz, 60 Hz, 80 Hz, 100 Hz, 120 Hz Line: 30 Hz, 60 Hz, 80 Hz, 100 Hz, 120 Hz
RF output power	25 mW rms, 50 mW peak
Audio frequency response	Mic: 30 Hz to 20 kHz (3 dB) Line: 30 Hz to 20 kHz (3 dB)
Audio Gain	Mic: adjustable in 3 dB steps from 0 dB to +42 dB Line: adjustable in 3 dB steps from –6 dB to +9 dB
Input impedance	Mic: 22 k Ω ; Line: 1 M Ω
Mic/Line input	3-pin audio socket
Instrument cable emulation	Adjustable cable length with 3 steps
Antenna output	Coaxial socket
Operating time	6.5 h (with BA 61 battery pack)
Power Consumption	Max. 960 mW
Dimensions (H × W × D)	76 × 62 × 20 mm (with BA 61 battery pack)

PRODUCT VARIANTS

Weight	– SK 6000 BK A1–A4 Art. No. 506318 – SK 6000 BK A5–A8 (with BA 61 battery pack and BA 61) Art. No. 506319 – SK 6000 BK B1–B4 Art. No. 506320
	– SK 6000 A5–A8 US Art. No. 506375 – SK 6000 B1–B4 US Art. No. 506376 – SK 6000 A1–A2 CN Art. No. 506334 – SK 6000 B1–B4 CN Art. No. 506335 – SK 6000 A1–A4 JP Art. No. 506349 – SK 6000 A5–A8 JP Art. No. 506350 – SK 6000 B1–B4 JP Art. No. 506351 – SK 6000 A1–14 KR Art. No. 506364 – SK 6000 A5–A8 KR Art. No. 506365 – SK 6000 B1–B4 KR Art. No. 506366

SYSTEM COMPONENTS

- EM 6000
- SKM 6000
- L 6000

COMPATIBLE WITH

- EM 9046 in Long Range mode
- EK 6042

RECOMMENDED ACCESSORIES

- BA 61 Art. No. 504703
- B 61 Art. No. 504701



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RECOMMENDED MIC/LINE ACCESSORIES

- MKE 1-4	(Lavalier mic, omni-directional)	Art. No. 502167
- MKE 2-4	(Lavalier mic, omni-directional)	Art. No. 004736
- MKE 40-4	(Lavalier mic, cardioid)	Art. No. 003579
- HSP 2	(Headset mic, omni-directional)	Art. No. 009862
- HSP 4	(Headset mic, cardioid)	Art. No. 009864
- CI 1-4	(Guitar jack cable)	Art. No. 503163
- SL Headmic 1-4	(Headset mic, omni-directional)	Art. No. 506905