

SK 5212-II

Features

- Switching bandwidth up to 184 MHz
- Switchable transmission power
- 1 battery for 5½ hours of transmission power
- Very small, sturdy housing
- Sensitivity from -30 to +40 dB
- Tunable in 5 kHz steps
- Easy operation via jog dial
- Adjustable low-cut filter

The versatile bodypack transmitter SK 5212-II

is inconspicuous and very comfortable to wear due to its compact design.

The transmission power can be adjusted to increase transmission duration and to adapt to regional regulations. The new Low Intermodulation Mode ("LoI") increases interference immunity, especially during multi-channel operation. The switching bandwidth of up to 184 MHz, more than double that of its predecessors, provides extra flexibility. An input sensitivity range of -30 to +40 dB makes the transmitter suitable for use in quiet interview situations as well as with very powerful singing voices in musicals. The SK 5212-II requires only one AA battery for at least 5½ hours of operation and is available in L, N, N-US and P frequency variants.



Architects Specifications

It shall be possible to attach a versatile bodypack transmitter inconspicuously to clothing due to a compact design. With a bandwidth of up to 184 MHz, it shall be compatible with the EM 3731/3732-II true diversity receiver and have a sensitivity of -30 dB to +40 dB. Operation shall be quick and reliable. The bodypack transmitter shall also be energy-saving with one AA battery and shall last for at least 5½ hours of operation.

Technical Data

RF CHARACTERISTICS

Frequency ranges	L: 470 - 638 MHz N: 614 - 798 MHz N-US: 614 - 697.9 MHz P: 776 - 866 MHz
Switching bandwidth	up to 184 MHz
Transmission frequencies	frequency bank „FIX“ with up to 59 factory-preset channels, frequency bank „VAR“ with 20 freely tunable channels (in 5 kHz steps)
RF output power	switchable, typ.: 50 mW (PWR.Hi) 10 mW (PWR.LO) 10 mW (PWR.LoI)
Frequency stability	±10 ppm

NF CHARACTERISTICS

Compunder	Sennheiser HiDYN plus™
AF frequency response	60 to 20,000 Hz
Nominal/peak deviation	±40 kHz/±56 kHz
Signal-to-noise ratio	typ. 110 dB(A) _{rms}
THD (at 1 kHz, nominal deviation)	< 0.3 %
Sensitivity	-30 to +40 dB, adjustable in 1 dB steps
Low-cut frequency (-3 dB)	adjustable: flat, 120 Hz

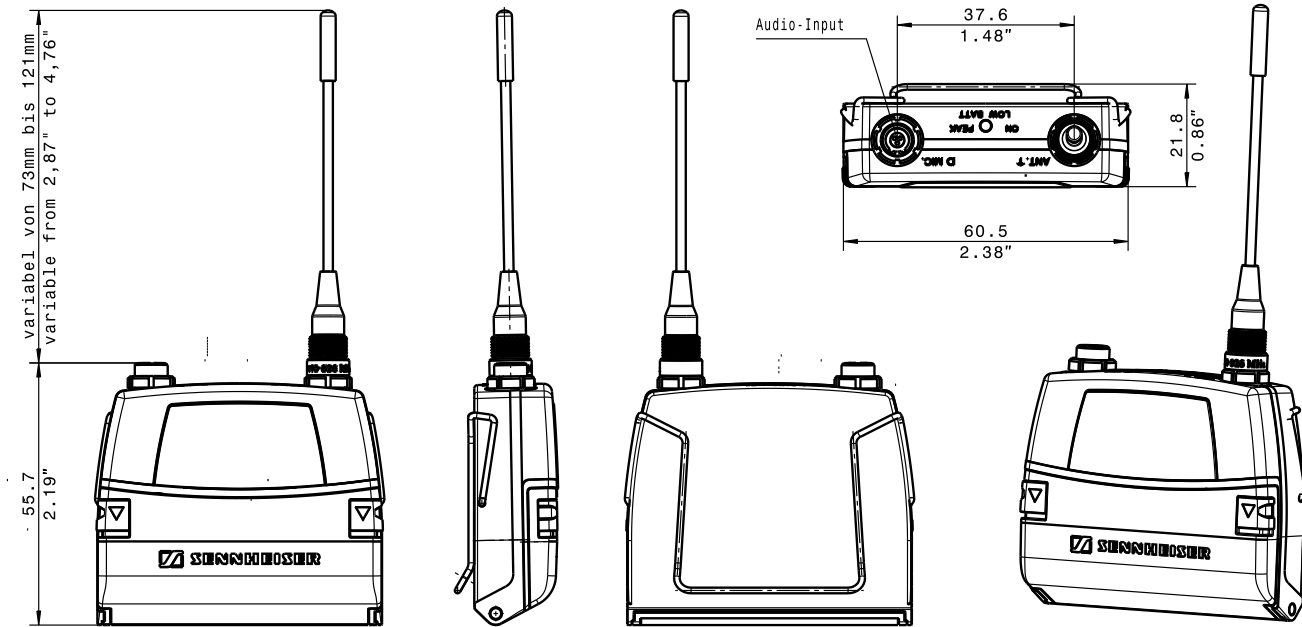
OVERALL DEVICE

Power supply	1 AA size battery, 1.5 V
Power consumption	PWR.LO: approx. 150 mA (10 mW) at 1.5 V PWR.HI: approx. 220 mA (50 mW) at 1.5 V PWR.LoI: approx. 220 mA (10 mW) at 1.5 V
Operating time	PWR.LO: approx. 11 hrs PWR.HI: approx. 5.5 hrs PWR.LoI: approx. 5.5 hrs
Connectors	AF: 3-pin special audio socket RF: coax socket
Dimensions	approx. 53 x 60 x 17 mm
Weight	approx. 120 g incl. battery and antenna

OPERATING CONDITIONS

Ambient temperature	-10 °C to +55 °C
Relative humidity	max. 90 % (non condensing)

Dimensions



Variants

SK 5212-II L, 470 - 638 MHz	Cat.No. 504083
SK 5212-II N, 614 - 798 MHz	Cat.No. 504085
SK 5212-II N-US, 614 - 697.9 MHz	Cat.No. 504084
SK 5212-II P, 776 - 866 MHz	Cat.No. 504086

Recommended Accessories

MKE 1-4, clip-on microphone black	Cat.No. 502167
MKE 1-4-3, clip-on microphone beige	Cat.No. 502168
MKE 1-4-1, clip-on microphone white	Cat.No. 502833
MKE 1-4-2, clip-on microphone brown	Cat.No. 502834
HSP 2, headmic omni	Cat.No. 009862
HSP 4, headmic cardioid	Cat.No. 009864



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