

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 |

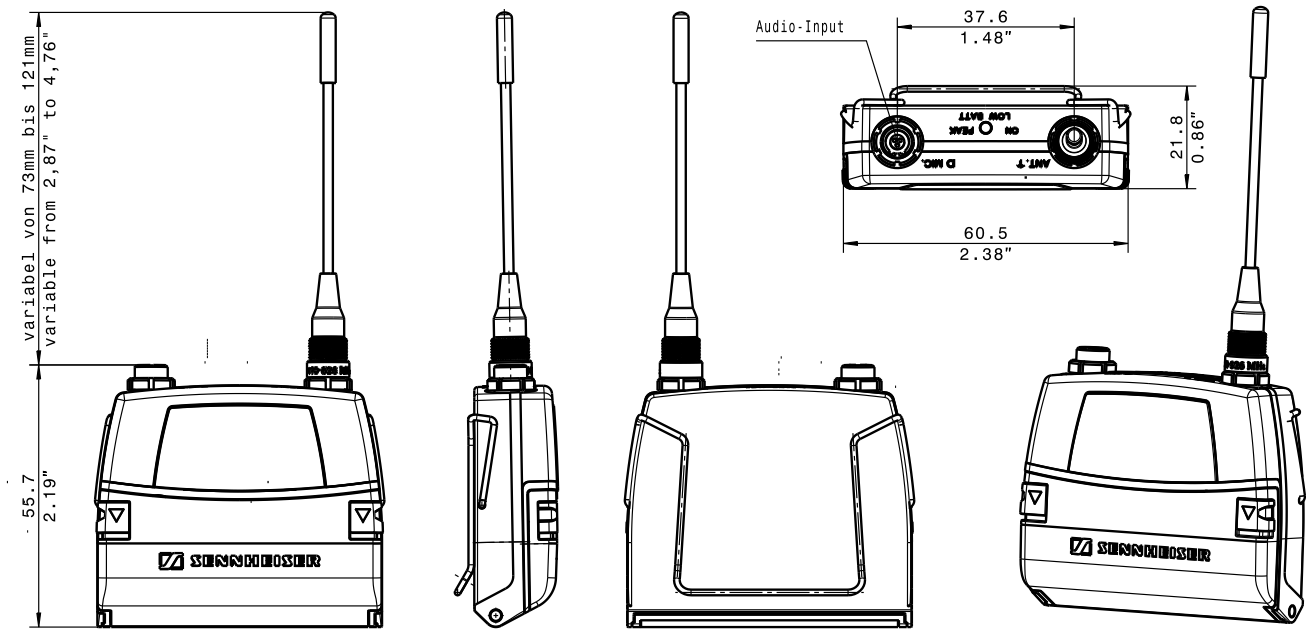
OVERALL DEVICE

| | |
|-------------------|--|
| 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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