SKM 5200

RF Wireless Systems | 5000 Series Hand-Held Transmitters

General Description

The SKM 5200 is the professional choice for demanding applications in broadcast stage and live entertainment. In the more and more crowded UHF spectrum its switching bandwidth and tuneable frequencies make it agile to use the transmitter in difficult environment. Very much care was taken to achieve a robust construction while keeping its very well established design.

Technical Data SKM 5200

RF output power	50 mW (–3 dB)
Frequency range	450–960 MHz
Switching bandwidth	36 MHz
Frequency setting	tuneable in 5 kHz steps
Modulation	wideband FM
Nominal/peak deviation	± 40 kHz / ± 56 kHz
Noise reduction system	HiDyn *plus*™
Audio frequency response	60–20,000 Hz
Signal-to-noise ratio	114 dB(A)$_{rms}$
THD (at nominal deviation)	0.5 %
Sensitivity	switchable in 1 dB steps from 0 ... - 40 dB
Operating time	8 h with B 5000-1 8 h with BA 5000-1
Temperatur range	-10 ... +55° C
Dimensions	length: 257 mm (10.12″), Ø: 44 mm (1.73″)
Weight (incl. battery)	approx. 300 g (10.58 oz)

Features

- 36 MHz switching bandwidth
- Robust Housing
- Backlit display
- Tuneable frequencies
- Adjustable lowcut filter with three settings
- Sensitivity adjustable in 1 dB steps
- Colour coding with 8 different colours

Capsules

- ME 5005 e
- ME 5005
- ME 5004
- ME 5009
- ME 5002
- MD 5235
- KK 104-S
- KK 105-S

Recommended Accessories

B 5000 battery compartment	Cat. No. 005273
BA 5000 accupack (incl. charging adaptor)	Cat. No. 005274
L 50 charger for 2 accupacks	Cat. No. 003554
KEN 5200 coloured identification rings	Cat. No. 512888
MZW 5000-ANT foam windshield anthrazite	Cat. No. 003824

Product Variants

SKM 5200 A handheld transmitter: 450 - 570 MHz, colour: steel black	Cat. No. 500434
SKM 5200 B handheld transmitter: 534 - 674 MHz, colour: steel black	Cat. No. 500435
SKM 5200 C handheld transmitter: 638 - 762 MHz, colour: steel black	Cat. No. 500436
SKM 5200 D handheld transmitter: 726 - 866 MHz, colour: steel black	Cat. No. 500437
SKM 5200 E handheld transmitter: 830 - 960 MHz, colour: steel black	Cat. No. 500628
SKM 5200 NI-A handheld transmitter: 450 - 570 MHz, colour: nickel	Cat. No. 500441
SKM 5200 NI-B handheld transmitter: 534 - 674 MHz, colour: nickel	Cat. No. 500442
SKM 5200 NI-C handheld transmitter: 638 - 762 MHz, colour: nickel	Cat. No. 500443
SKM 5200 NI-D handheld transmitter: 726 - 866 MHz, colour: nickel	Cat. No. 500444
SKM 5200 NI-E handheld transmitter: 830 - 960 MHz, colour: nickel	Cat. No. 500629
SKM 5200 BK-A handheld transmitter: 450 - 570 MHz, colour: black	Cat. No. 500448
SKM 5200 BK-B handheld transmitter: 534 - 674 MHz, colour: black	Cat. No. 500449
SKM 5200 BK-C handheld transmitter: 638 - 762 MHz, colour: black	Cat. No. 500450
SKM 5200 BK-D handheld transmitter: 726 - 866 MHz, colour: black	Cat. No. 500451
SKM 5200 BK-E handheld transmitter: 830 - 960 MHz, colour: black	Cat. No. 500630

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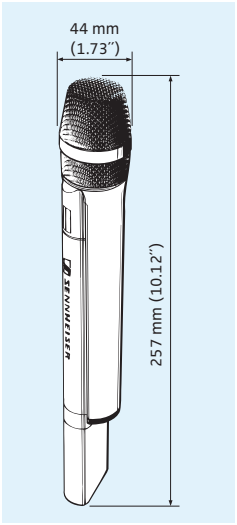


SKM 5200 dimensions

Technical Data ME 5005e/ME 5005

Transducer principle ..... condenser
Pick-up pattern ..... super-cardioid
Max. SPL ..... 158 dB / 154 dB

Technical Data ME 5004

Transducer principle ..... condenser
Pick-up pattern ..... cardioid
Max. SPL ..... 139 dB

Technical Data ME 5009

Transducer principle ..... condenser
Pick-up pattern ..... wide cardioid
Max. SPL ..... 140 dB

Technical Data ME 5002

Transducer principle ..... condenser
Pick-up pattern ..... omni-directional
Max. SPL ..... 138 dB

Technical Data MD 5235

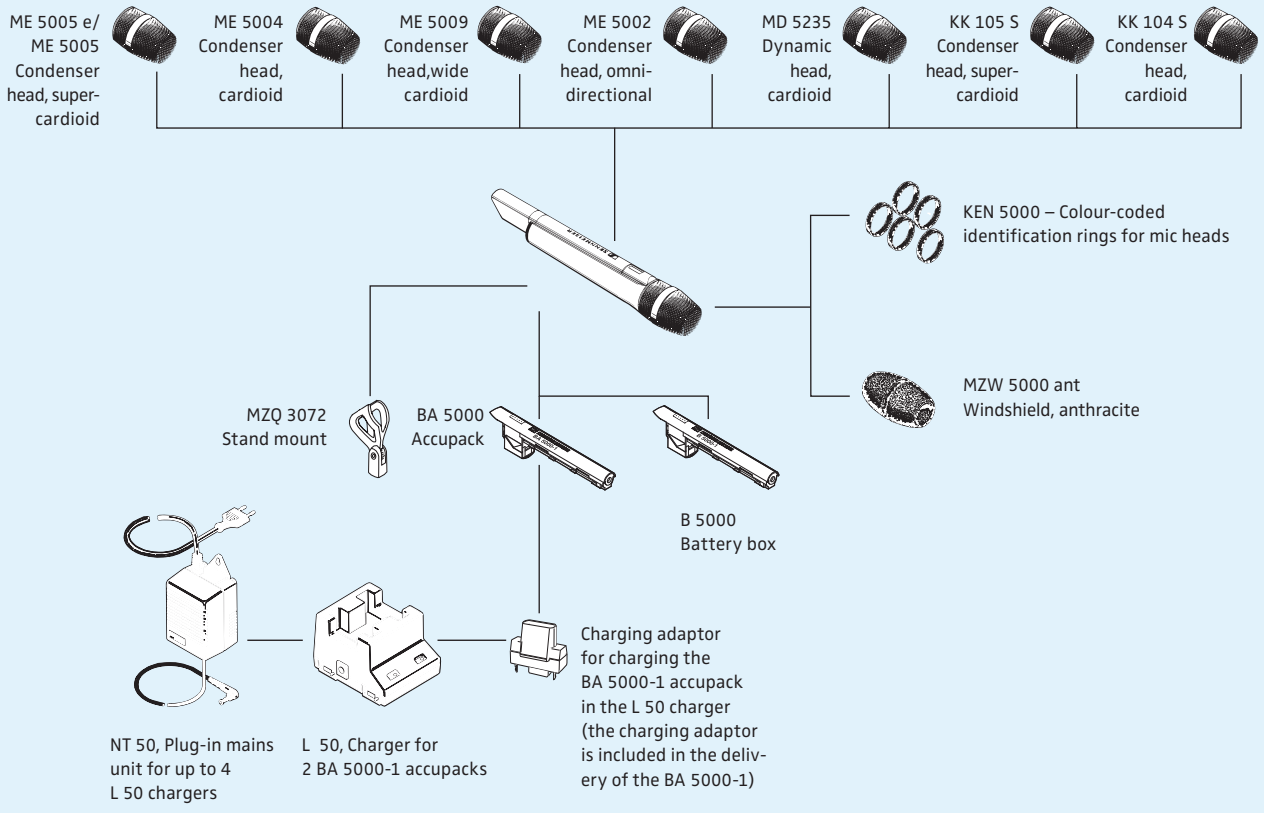
Transducer principle ..... dynamic
Pick-up pattern ..... cardioid
Max. SPL ..... 163 dB

Technical Data KK 105 S (Neumann)

Transducer principle ..... condenser
Pick-up pattern ..... super-cardioid
Max. SPL ..... 155 dB

Technical Data KK 104 S (Neumann)

Transducer principle ..... condenser
Pick-up pattern ..... cardioid
Max. SPL ..... 153 dB



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Architectural Specifications

The wireless microphone transmitter shall operate in the UHF band with a switching bandwidth of 36 MHz. For improved sound quality and best possible signal-to-noise ratio the transmitter shall use technologies such as switchable low-cut filter, optimized PLL synthesizer and HiDyn plus™ noise reduction.

The transmitter shall be frequency agile with up to 7200 frequencies programmable in 5 KHz steps. One preconfigured, intermodulation-free bank shall be available to ensure multiple systems do not interfere with one another. In addition one user bank shall allow for customized setups with freely selectable frequencies in order to avoid RF interference.

The transmitting power shall be selectable between 10 mW and 50 mW. The operating time shall reach 8 hours with two AA batteries or rechargeable battery pack.

The transmitter shall be menu-driven with an LC display showing current frequency, frequency bank and channel number, metering of AF level, equalization settings, battery and lock status. Audio input sensitivity shall be adjustable in steps of 1 dB covering a range of 70 dB. Programming of the transmitter shall be done via menu controls or infra-red synchronization with the receiver.

A range of microphone capsules shall be available.

The wireless bodypack transmitter specified shall be a Sennheiser SK 5200 Handheld Transmitter.

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