

Product Details:

EM 100 G4

- Frequency Range: 516 - 558 MHz
- Dimensions: Approx. 190 x 212 x 43 mm
- Compressor: Sennheiser HDX
- THD, total harmonic distortion: $\leq 0.9 \%$
- Weight: Approx. 980 g
- Audio output: 6.3 mm jack socket (unbalanced): +12 dBu, XLR socket (balanced): +18 dBu
- Signal-to-noise ratio: ≥ 110 dBA
- Switching bandwidth: up to 42 MHz
- Peak deviation: ± 48 kHz
- Nominal deviation: ± 24 kHz
- Modulation: Wideband FM
- Power supply: 12 V DC
- Antenna connector: 2 BNC sockets
- Current consumption: 300 mA
- Adjacent channel rejection: Typically ≥ 65 dB
- Intermodulation attenuation: Typically ≥ 65 dB
- Receiving frequency: Max. 1680 receiving frequencies, adjustable in 25 kHz steps 20 frequency banks, each with up to 12 factory-preset channels, no intermodulation 1 frequency bank with up to 12 programmable channels
- RF sensitivity: $< 2.5 \mu\text{V}$ for 52 dBA eff S/N
- Squelch: low: 5 dB μV , middle: 15 dB μV , high: 25 dB μV
- Equaliser: Preset 1: Flat, Preset 2: Low Cut (-3 dB at 180 Hz), Preset 3: Low Cut/High Boost (-3 dB at 180 Hz, +6 dB at 10 kHz), Preset 4: High Boost (+6 dB at 10 kHz)
- Temperature Range: -10 °C to +55 °C
- Receiver Principle: True diversity
- Blocking: ≥ 70 dB

SK 100 G4

- Dimensions: Approx. 82 x 64 x 24 mm

- Compander: Sennheiser HDX
- THD, total harmonic distortion: $\leq 0.9 \%$
- Weight (incl. batteries): approx. 160 g
- Signal-to-noise ratio: ≥ 110 dBA
- RF output power: Max. 30 mW
- Switching bandwidth: up to 42 MHz
- Peak deviation: ± 48 kHz
- Nominal deviation: ± 24 kHz
- Operating time: Typically 8 h
- Modulation: Wideband FM
- Power supply: 2 AA batteries, 1.5 V or BA 2015 accupack
- Current consumption: at nominal voltage: typ. 180 mA, with transmitter switched off: $\leq 25 \mu\text{A}$
- Input impedance: 40 k Ω , unbalanced / 1 M Ω
- Max. Input voltage: 3 V_{eff}
- Powering: 3 V battery / 2.4 V rechargeable battery
- Transmission frequency: Max. 1680 transmitting frequencies, adjustable in 25 kHz steps 20 frequency banks, each with up to 12 factory-preset channels, no intermodulation 1 frequency bank with up to 12 programmable channels
- AF frequency response: Mic: 80 – 18,000 Hz, Line: 25 – 18,000 Hz
- Temperature Range: -10 °C to +55 °C
- Frequency stability: $\leq \pm 15$ ppm