

## **EM 100 G4**

<b>Frequency Range</b>	606-648 MHz
<b>Dimensions</b>	190 x 212 x 43mm
<b>Compander</b>	Sennheiser HDX
<b>THD (total harmonic distortion)</b>	<0.9%
<b>Weight</b>	980g
<b>Audio Output</b>	6.3 mm jack socket (unbalanced): +12 dBu XLR socket (balanced): +18 dBu
<b>Signal-to-noise ratio</b>	≥ 110 dBA
<b>Switching Bandwidth</b>	up to 42 MHz
<b>Peak Deviation</b>	±48 kHz
<b>Nominal Deviation</b>	±24 kHz
<b>Modulation</b>	Wideband FM
<b>Power Supply</b>	12 V DC
<b>Antenna Connector</b>	2 BNC sockets
<b>Current Consumption</b>	300 mA
<b>Adjacent Channel Rejection</b>	Typically ≥ 65 dB
<b>Intermodulation Attenuation</b>	Typically ≥ 65 dB
<b>Receiving Frequency</b>	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
<b>RF Sensitivity</b>	< 2.5 µV for 52 dBA eff S/N
<b>Squelch</b>	low: 5 dBµV middle: 15 dBµV high: 25 dBµV
<b>Equaliser</b>	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)
<b>Temperature Range</b>	-10 °C to +55 °C
<b>Receiver Principle</b>	True diversity
<b>Blocking</b>	≥ 70 dB
<b>SK 100 G4</b>	
<b>Dimensions</b>	Approx. 82 x 64 x 24 mm
<b>Compander</b>	Sennheiser HDX
<b>THD (Total Harmonic Distortion)</b>	≤ 0.9 %
<b>Weight</b>	(incl. batteries) approx. 160 g
<b>Signal-to-noise ratio</b>	≥ 110 dBA
<b>RF Output Power</b>	Max. 30 mW
<b>Switching Bandwidth</b>	up to 42 MHz
<b>Peak Deviation</b>	±48 kHz
<b>Nominal Deviation</b>	±24 kHz
<b>Operating Time</b>	Typically 8 h
<b>Modulation</b>	Wideband FM
<b>Power Supply</b>	2 AA batteries, 1.5 V or BA 2015 accupack
<b>Current Consumption</b>	at nominal voltage: typ. 180 mA with transmitter switched off: ≤ 25 µA
<b>Input Impedance</b>	40 kΩ, unbalanced / 1 MΩ
<b>Max. Input Voltage</b>	3 V <sub>eff</sub>
<b>Powering</b>	3 V battery / 2.4 V rechargeable battery
<b>Transmission Frequency</b>	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
<b>AF Frequency Response</b>	Mic: 80 – 18,000, Hz Line: 25 – 18,000 Hz

<b>Temperature Range</b>	-10 °C to +55 °C
<b>Frequency Stability</b>	$\leq \pm 15$ ppm

## **ME 2**

<b>Connector</b>	3.5 mm jack
<b>Frequency Response</b>	50 to 18,000 Hz (ME 2-II)
<b>Max. Sound Pressure Level</b>	130 dB
<b>Cable Length</b>	approx. 1.60 m
<b>Transducer Principle</b>	pre-polarized condensor microphone
<b>Pick-up Pattern</b>	omni-directional
<b>Sensitivity in Free Field, no load (1kHz)</b>	20 mV/Pa
<b>Equivalent Noise Level</b>	36 dB