

	<b>ew G4 Series</b>
<p>Technische Daten &amp; Herstellererklärungen</p> <p>Specifications &amp; Manufacturer Declarations</p> <p>Caractéristiques techniques &amp; Déclarations du fabricant</p> <p>Dati tecnici &amp; Dichiarazioni del costruttore</p> <p>Especificaciones técnicas &amp; Declaraciones del fabricante</p> <p>Dados técnicos &amp; Declarações do fabricante</p> <p>Technische specificaties &amp; Verklaringen van de fabrikant</p> <p>Dane techniczne &amp; Deklaracje producenta</p> <p>Tekniska data &amp; Tillverkarintyg</p> <p>Tekniske data &amp; Producenterklæringer</p> <p>Tekniset tiedot &amp; Valmistajan vakuutusket</p> <p>Τεχνικά χαρακτηριστικά &amp; Δηλώσεις κατασκευαστή</p> <p>Teknik Bilgiler &amp; Üretici Beyanları</p> <p>Технические характеристики &amp; Заявления изготовителя</p> <p>技術参数 &amp; 制造商声明</p> <p>技術仕様 &amp; 製造者宣言</p> <p>기술 데이터 &amp; 제조사 선언</p>	

<p>AF output voltage (at peak deviation, 1 kHz AF)</p> <p>Setting range "AF Out"</p>	<p>6.3 mm jack socket (unbalanced): +12 dBu</p> <p>XLR socket (balanced): +18 dBu</p> <p>48 dB (3 dB steps)</p>
<b>Overall device</b>	
Temperature range	-10 <span> </span> °C to +55 <span> </span> °C
Power supply	12 V DC
Current consumption	300 mA
Dimensions	Approx. 190 x 212 x 43 mm
Weight	Approx. 980 g
<b>SK 100 G4   SKM 100 G4   SKM 100-S G4</b>	
<b>RF characteristics</b>	
Modulation	Wideband FM
Frequency ranges	A1: 470 - 516 MHz <p>A: 516 - 558 MHz</p> <p>AS: 520 - 558 MHz</p> <p>G: 566 - 608 MHz</p> <p>GB: 606 - 648 MHz</p> <p>B: 626 - 668 MHz</p> <p>C: 734 - 776 MHz</p> <p>D: 780 - 822 MHz</p> <p>E: 823 - 865 MHz</p> <p>JB: 806 - 810 MHz</p> <p>K+: 925 - 937.5 MHz</p> <p>1G8: 1785 - 1800 MHz</p>
Transmission frequencies	1680 frequencies, adjustable in 25 kHz steps
	20 frequency banks, each with up to 12 factory-preset channels
	1 frequency bank with up to 12 programmable channels
Switching bandwidth	up to 42 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Frequency stability	≤ ±15 ppm
RF output power at 50 Ω	30 mW
	Frequency ranges E, JB, K+ and 1G8 are limited to 10 mW
Pilot tone squelch	Can be switched off
<b>AF characteristics</b>	
Compander system	Sennheiser HDX
AF frequency response	SK 100 G4: Mic: 80 – 18,000 Hz <p>Line: 25 – 18,000 Hz</p> <p>SKM 100(-S) G4: 80 – 18,000 Hz</p>
Signal-to-noise ratio (1 mV, peak deviation)	≥ 110dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
Max. microphone/line input voltage	3 V <sub>eff</sub>
Microphone/line input impedance	40 kΩ, unbalanced / 1 MΩ
Input capacitance	Switchable
Setting range for input sensitivity	SK 100 G4 : 60 dB, adjustable in 3 dB steps <p>SKM 100(-S) G4: 48 dB, adjustable in 6 dB steps</p>
<b>Overall device</b>	
Temperature range	-10 <span> </span> °C to +55 <span> </span> °C
Power supply	2 AA batteries, 1.5 V (alkali manganese) or BA 2015 accupack
Nominal voltage	3 V battery / 2.4 V rechargeable battery
Current consumption: at nominal voltage: with transmitter switched off	Typically 180 mA <p>≤ 25<span> </span>µA</p>
Operating time	Typically 8 h
Dimensions	SK 100 G4: Approx. 82 x 64 x 24 mm <p>SKM 100(-S) G4: Approx. Ø 50 x 265 mm</p>
Weight (incl. batteries)	SK 100 G4: approx. 160 g <p>SKM 100(-S) G4: approx. 450 g</p>
<b>EK 100 G4</b>	
<b>RF characteristics</b>	
Modulation	Wideband FM
Frequency ranges	A1: 470 - 516 MHz <p>A: 516 - 558 MHz</p> <p>AS: 520 - 558 MHz</p> <p>G: 566 - 608 MHz</p> <p>GB: 606 - 648 MHz</p> <p>B: 626 - 668 MHz</p> <p>C: 734 - 776 MHz</p> <p>D: 780 - 822 MHz</p> <p>E: 823 - 865 MHz</p> <p>JB: 806 - 810 MHz</p> <p>K+: 925 - 937.5 MHz</p>
Transmission frequencies	1680 frequencies, adjustable in 25 kHz steps
	20 frequency banks, each with up to 12 factory-preset channels
Switching bandwidth	up to 42 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Frequency stability	≤ ±15 ppm
RF output power at 50 Ω	30 mW
	Frequency ranges E, JB and K+ are limited to 10 mW
Pilot tone squelch	Can be switched off
<b>AF characteristics</b>	
Compander system	Sennheiser HDX
AF frequency response	80 – 18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 110dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
Max. microphone/line input voltage	3.3 V <sub>eff</sub>
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable
Setting range for input sensitivity	48 dB, adjustable in 6 dB steps
<b>Overall device</b>	
Temperature range	-10 <span> </span> °C to +55 <span> </span> °C
Power supply	2 AA batteries, 1.5 V (alkali manganese) or BA 2015 accupack
Nominal voltage	3 V battery / 2.4 V rechargeable battery
Current consumption: at nominal voltage: with transmitter switched off	Typically 180 mA <p>≤ 25<span> </span>µA</p>
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. batteries)	Approx. 195 g
<b>EM 300-500 G4</b>	
<b>RF characteristics</b>	
Modulation	Wideband FM
Frequency ranges	Aw+: 470 - 558 MHz <p>AS: 520 - 558 MHz</p> <p>Gw1: 558 - 608 MHz</p> <p>Gw: 558 - 626 MHz</p> <p>GBw: 606 - 678 MHz</p> <p>Bw: 626 - 698 MHz</p> <p>Cw: 718 - 790 MHz</p> <p>Dw: 790 - 865 MHz</p> <p>JB: 806 - 810 MHz</p> <p>K+: 925 - 937.5 MHz</p>
Receiving frequencies	Max. 2880 receiving frequencies, adjustable in 25 kHz steps
	20 frequency banks, each with up to 32 factory-preset channels, no intermodulation
Switching bandwidth	up to 88 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Receiver principle	True diversity
Sensitivity (with HDX, peak deviation)	< 2 µV for 52 dBA <sub>eff S,N</sub>
Adjacent channel rejection	≥ 65 dB
Intermodulation attenuation	≥ 65 dB
Blocking	≥ 75 dB
Squelch	low: 5 dBµV <p>middle: 15 dBµV</p> <p>high: 25 dBµV</p>
Pilot tone squelch	Can be switched off
Antenna inputs	2 BNC sockets
<b>AF characteristics</b>	
Compander system	Sennheiser HDX
EQ presets (switchable, act on line and monitor outputs):	
• Preset 1: "Flat"	
• Preset 2: "Low Cut"	-3 dB at 180 Hz
• Preset 3: "Low Cut/ High Boost"	-3 dB at 180 Hz <p>+6 dB at 10 kHz</p>
• Preset 3: "High Boost"	+6 dB at 10 kHz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 110 dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
Blocking	≥ 70 dB
Squelch	low: 5 dBµV <p>middle: 15 dBµV</p> <p>high: 25 dBµV</p>
Pilot tone squelch	Can be switched off

Pilot tone squelch	Can be switched off
Antenna inputs	2 BNC sockets

<b>AF characteristics</b>	
Compander system	Sennheiser HDX
Signal-to-noise ratio (1 mV, peak deviation)	≥ 110dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
AF output voltage (at peak deviation, 1 kHz AF)	3.5 mm jack socket: +11 dBu (mono, unbalanced)
Adjustment range of audio output level	42 dB, adjustable in steps of 6 dB
<b>Overall device</b>	
Temperature range	-10 <span> </span> °C to +55 <span> </span> °C
Power supply	2 AA batteries, 1.5 V (alkali manganese) or BA 2015 accupack
Nominal voltage	3 V battery / 2.4 V rechargeable battery
Current consumption: at nominal voltage: with receiver switched off	Typically 180 mA <p>≤ 25<span> </span>µA</p>
Operating time	Typically 8 h
Dimensions	Approx. 82 x 64 x 24 mm
Weight (incl. batteries)	Approx. 160 g

<b>SKP 100 G4</b>	
<b>RF characteristics</b>	
Modulation	Wideband FM
Frequency ranges	A1: 470 - 516 MHz <p>A: 516 - 558 MHz</p> <p>AS: 520 - 558 MHz</p> <p>G: 566 - 608 MHz</p> <p>GB: 606 - 648 MHz</p> <p>B: 626 - 668 MHz</p> <p>C: 734 - 776 MHz</p> <p>D: 780 - 822 MHz</p> <p>E: 823 - 865 MHz</p> <p>JB: 806 - 810 MHz</p> <p>K+: 925 - 937.5 MHz</p> <p>1G8: 1785 - 1800 MHz</p>
Transmission frequencies	1680 frequencies, adjustable in 25 kHz steps
	20 frequency banks, each with up to 12 factory-preset channels
Switching bandwidth	up to 42 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Frequency stability	≤ ±15 ppm
RF output power at 50 Ω	30 mW
	Frequency ranges E, JB and K+ are limited to 10 mW
Pilot tone squelch	Can be switched off
<b>AF characteristics</b>	
Compander system	Sennheiser HDX
AF frequency response	80 – 18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 110dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
Max. microphone/line input voltage	3.3 V <sub>eff</sub>
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable
Setting range for input sensitivity	48 dB, adjustable in 6 dB steps
<b>Overall device</b>	
Temperature range	-10 <span> </span> °C to +55 <span> </span> °C
Power supply	2 AA batteries, 1.5 V (alkali manganese) or BA 2015 accupack
Nominal voltage	3 V battery / 2.4 V rechargeable battery
Current consumption: at nominal voltage: with transmitter switched off	Typically 180 mA <p>≤ 25<span> </span>µA</p>
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. batteries)	Approx. 195 g

<b>SKP 100 G4</b>	
<b>RF characteristics</b>	
Modulation	Wideband FM
Frequency ranges	A1: 470 - 516 MHz <p>A: 516 - 558 MHz</p> <p>AS: 520 - 558 MHz</p> <p>G: 566 - 608 MHz</p> <p>GB: 606 - 648 MHz</p> <p>B: 626 - 668 MHz</p> <p>C: 734 - 776 MHz</p> <p>D: 780 - 822 MHz</p> <p>E: 823 - 865 MHz</p> <p>JB: 806 - 810 MHz</p> <p>K+: 925 - 937.5 MHz</p>
Transmission frequencies	1680 frequencies, adjustable in 25 kHz steps
	20 frequency banks, each with up to 12 factory-preset channels
Switching bandwidth	up to 42 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Frequency stability	≤ ±15 ppm
RF output power at 50 Ω	30 mW
	Frequency ranges E, JB and K+ are limited to 10 mW
Pilot tone squelch	Can be switched off
<b>AF characteristics</b>	
Compander system	Sennheiser HDX
AF frequency response	80 – 18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 110dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
Max. microphone/line input voltage	3.3 V <sub>eff</sub>
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable
Setting range for input sensitivity	48 dB, adjustable in 6 dB steps
<b>Overall device</b>	
Temperature range	-10 <span> </span> °C to +55 <span> </span> °C
Power supply	2 AA batteries, 1.5 V (alkali manganese) or BA 2015 accupack
Nominal voltage	3 V battery / 2.4 V rechargeable battery
Current consumption: at nominal voltage: with transmitter switched off	Typically 180 mA <p>≤ 25<span> </span>µA</p>
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. batteries)	Approx. 195 g

<b>SKP 100 G4</b>	
<b>RF characteristics</b>	
Modulation	Wideband FM
Frequency ranges	Aw+: 470 - 558 MHz <p>AS: 520 - 558 MHz</p> <p>Gw1: 558 - 608 MHz</p> <p>Gw: 558 - 626 MHz</p> <p>GBw: 606 - 678 MHz</p> <p>Bw: 626 - 698 MHz</p> <p>Cw: 718 - 790 MHz</p> <p>Dw: 790 - 865 MHz</p> <p>JB: 806 - 810 MHz</p> <p>K+: 925 - 937.5 MHz</p>
Transmission frequencies	Max. 2880 frequencies, adjustable in 25 kHz steps
	20 frequency banks, each with up to 32 factory-preset channels, no intermodulation
Switching bandwidth	up to 88 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Frequency stability	≤ ±15 ppm
RF output power at 50 Ω	30 mW
	Frequency ranges E, JB and K+ are limited to 10 mW
Pilot tone squelch	Can be switched off
<b>AF characteristics</b>	
Compander system	Sennheiser HDX
AF frequency response	80 – 18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 110dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
Max. microphone/line input voltage	3.3 V <sub>eff</sub>
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable
Setting range for input sensitivity	48 dB, adjustable in 6 dB steps
<b>Overall device</b>	
Temperature range	-10 <span> </span> °C to +55 <span> </span> °C
Power supply	2 AA batteries, 1.5 V (alkali manganese) or BA 2015 accupack
Nominal voltage	3 V battery / 2.4 V rechargeable battery
Current consumption: at nominal voltage: with transmitter switched off	Typically 180 mA <p>≤ 25<span> </span>µA</p>
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. batteries)	Approx. 195 g

<b>SKP 100 G4</b>	
<b>RF characteristics</b>	
Modulation	Wideband FM
Frequency ranges	Aw+: 470 - 558 MHz <p>AS: 520 - 558 MHz</p> <p>Gw1: 558 - 608 MHz</p> <p>Gw: 558 - 626 MHz</p> <p>GBw: 606 - 678 MHz</p> <p>Bw: 626 - 698 MHz</p> <p>Cw: 718 - 790 MHz</p> <p>Dw: 790 - 865 MHz</p> <p>JB: 806 - 810 MHz</p> <p>K+: 925 - 937.5 MHz</p>
Transmission frequencies	Max. 2880 frequencies, adjustable in 25 kHz steps
	20 frequency banks, each with up to 32 factory-preset channels, no intermodulation
Switching bandwidth	up to 88 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Frequency stability	≤ ±15 ppm
RF output power at 50 Ω	30 mW
	Frequency ranges JB and K+ are limited to 10 mW
Pilot tone squelch	Can be switched off
<b>AF characteristics</b>	
Compander system	Sennheiser HDX
AF frequency response	80 – 18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 110dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
Max. microphone/line input voltage	3 V <sub>eff</sub>
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable
Setting range for input sensitivity	48 dB, adjustable in 6 dB steps
<b>Overall device</b>	
Temperature range	-10 <span> </span> °C to +55 <span> </span> °C
Power supply	2 AA batteries, 1.5 V (alkali manganese) or BA 2015 accupack
Nominal voltage	3 V battery / 2.4 V rechargeable battery
Current consumption: at nominal voltage: with transmitter switched off	Typically 180 mA <p>≤ 25<span> </span>µA</p>
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. batteries)	Approx. 195 g

<b>SKP 100 G4</b>	
<b>RF characteristics</b>	
Modulation	Wideband FM
Frequency ranges	Aw+: 470 - 558 MHz <p>AS: 520 - 558 MHz</p> <p>Gw1: 558 - 608 MHz</p> <p>Gw: 558 - 626 MHz</p> <p>GBw: 606 - 678 MHz</p> <p>Bw: 626 - 698 MHz</p> <p>Cw: 718 - 790 MHz</p> <p>Dw: 790 - 865 MHz</p> <p>JB: 806 - 810 MHz</p> <p>K+: 925 - 937.5 MHz</p>
Receiving frequencies	Max. 2880 receiving frequencies, adjustable in 25 kHz steps
	20 frequency banks, each with up to 32 factory-preset channels, no intermodulation
Switching bandwidth	up to 88 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Receiver principle	True diversity
Sensitivity (with HDX, peak deviation)	< 2 µV for 52 dBA <sub>eff S,N</sub>
Adjacent channel selection	≥ 65 dB
Intermodulation attenuation	≥ 65 dB
Blocking	≥ 75 dB
Squelch	low: 5 dBµV <p>middle: 15 dBµV</p> <p>high: 25 dBµV</p>
Pilot tone squelch	Can be switched off
Antenna inputs	2 BNC sockets
<b>AF characteristics</b>	
Compander system	Sennheiser HDX
EQ presets (switchable, act on line and monitor outputs):	
• Preset 1: "Flat"	
• Preset 2: "Low Cut"	-3 dB at 180 Hz
• Preset 3: "Low Cut/ High Boost"	-3 dB at 180 Hz <p>+6 dB at 10 kHz</p>
• Preset 3: "High Boost"	+6 dB at 10 kHz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 110 dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
Blocking	≥ 70 dB
Squelch	low: 5 dBµV <p>middle: 15 dBµV</p> <p>high: 25 dBµV</p>
Pilot tone squelch	Can be switched off

<b>SKP 100 G4</b>	
<b>RF characteristics</b>	
Modulation	Wideband FM
Frequency range	Aw+: 470 - 558 MHz <p>AS: 520 - 558 MHz</p> <p>Gw1: 558 - 608 MHz</p> <p>Gw: 558 - 626 MHz</p> <p>GBw: 606 - 678 MHz</p> <p>Bw: 626 - 698 MHz</p> <p>Cw: 718 - 790 MHz</p> <p>Dw: 790 - 865 MHz</p> <p>JB: 806 - 810 MHz</p> <p>K+: 925 - 937.5 MHz</p>
Receiving frequencies	Max. 2880 receiving frequencies, adjustable in 25 kHz steps
	20 frequency banks, each with up to 32 factory-preset channels, no intermodulation
Switching bandwidth	up to 88 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Receiver principle	True diversity
Sensitivity (with HDX, peak deviation)	< 2 µV for 52 dBA <sub>eff S,N</sub>
Adjacent channel selection	Typically ≥ 75 dB
Intermodulation attenuation	Typically ≥ 70 dB
Blocking	≥ 75 dB
Squelch	low: 5 dBµV <p>middle: 15 dBµV</p> <p>high: 25 dBµV</p>
Pilot tone squelch	Can be switched off

Pilot tone squelch	Can be switched off
Antenna inputs	2 BNC sockets

<b>AF characteristics</b>	
Compander system	Sennheiser HDX
EQ presets (switchable, act on line and monitor outputs):	
• Preset 1: "Flat"	
• Preset 2: "Low Cut"	-3 dB at 200 Hz
• Preset 3: "Low Cut/ High Boost"	-3 dB at 200 Hz <p>+5.5 dB at 10 kHz</p>
• Preset 3: "High Boost"	+5.5 dB at 10 kHz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 115 dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
AF output voltage (at peak deviation, 1 kHz AF)	6.3 mm jack socket (unbalanced): +12 dBu <p>XLR socket (balanced): +18 dBu</p>
Setting range "AF OUT"	48 dB (3 dB steps)
<b>Overall device</b>	
Temperature range	-10 <span> </span> °C to +55 <span> </span> °C
Power supply	12 V DC
Current consumption	350 mA
Dimensions	Approx. 202 x 212 x 43 mm
Weight	Approx. 980 g

<b>SK 300 G4   SK 500 G4</b>	
<b>RF characteristics</b>	
Modulation	Wideband FM
Frequency ranges	Aw+: 470 - 558 MHz <p>AS: 520 - 558 MHz</p> <p>Gw1: 558 - 608 MHz</p> <p>Gw: 558 - 626 MHz</p> <p>GBw: 606 - 678 MHz</p> <p>Bw: 626 - 698 MHz</p> <p>Cw: 718 - 790 MHz</p> <p>Dw: 790 - 865 MHz</p> <p>JB: 806 - 810 MHz</p> <p>K+: 925 - 937.5 MHz</p>
Transmission frequencies	Max. 2880 frequencies, adjustable in 25 kHz steps
	20 frequency banks, each with up to 32 factory-preset channels, no intermodulation
Switching bandwidth	up to 88 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Frequency stability	≤ ±15 ppm
RF output power at 50 Ω	30 mW
	Frequency ranges JB and K+ are limited to 10 mW
Pilot tone squelch	Can be switched off
<b>AF characteristics</b>	
Compander system	Sennheiser HDX
AF frequency response	Mic: 80 – 18,000 Hz <p>Line: 25 – 18,000 Hz</p>
Signal-to-noise ratio (1 mV, peak deviation)	≥ 115 dBA
Total harmonic distortion (THD)	≤ 0.9 <span> </span> %
Max. microphone/line input voltage	3 V <sub>eff</sub>
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable
Setting range for input sensitivity	60 dB, adjustable in 3 dB steps
<b>Overall device</b>	
Temperature range	-10 <span> </span> °C to +55 <span> </span> °C
Power supply	2 AA batteries, 1.5 V (alkali manganese) or BA 2015 accupack, 2.4 V
Nominal voltage	3 V battery / 2.4 V rechargeable battery
Current consumption: at nominal voltage	

