

Componder system	Sennheiser HDX	Frequency ranges	AW+: 470 - 558 MHz AS: 520 - 558 MHz Gw1: 558 - 608 MHz Gw: 558 - 626 MHz GBw: 606 - 678 MHz Bw: 626 - 698 MHz Cw: 718 - 790 MHz D: 790 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 115 dBA	Modulation	Wideband FM
Total harmonic distortion (THD)	≤ 0.9 %	Frequency ranges	AW+: 470 - 558 MHz AS: 520 - 558 MHz Gw1: 558 - 608 MHz Gw: 558 - 626 MHz GBw: 606 - 678 MHz Bw: 626 - 698 MHz Cw: 718 - 790 MHz D: 790 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz
AF output voltage (at peak deviation, 1 kHz AF)	6.3 mm jack socket (unbalanced): +12 dBu XLR socket (balanced): +18 dBu	Switching bandwidth	up to 88 MHz

Technische Daten & Herstellererklärungen
Specifications & Manufacturer declarations
Caractéristiques techniques & Déclarations du fabricant
Dati tecnici & Dichiarazioni del costruttore

Especificaciones técnicas & Declaraciones del fabricante
Dados técnicos & Declarações do fabricante
Technische specificaties & Verklaringen van de fabrikant

Dane techniczne & Deklaracja producenta
Технічна документація та Заявлення виготовителя

Технік Бiлгилер & Uretici Veaynarları
Технические характеристики & Заявления изготовителя
技術参数 & 制造商声明
技術仕様 & 製造者声明
기술 데이터 & 제조사 선언

SENNHEISER

Componder system	Sennheiser HDX	Frequency ranges	AW+: 470 - 558 MHz AS: 520 - 558 MHz Gw1: 558 - 608 MHz Gw: 558 - 626 MHz GBw: 606 - 678 MHz Bw: 626 - 698 MHz Cw: 718 - 790 MHz D: 790 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 115 dBA	Modulation	Wideband FM
Total harmonic distortion (THD)	≤ 0.9 %	Frequency ranges	AW+: 470 - 558 MHz AS: 520 - 558 MHz Gw1: 558 - 608 MHz Gw: 558 - 626 MHz GBw: 606 - 678 MHz Bw: 626 - 698 MHz Cw: 718 - 790 MHz D: 790 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz
AF output voltage (at peak deviation, 1 kHz AF)	6.3 mm jack socket (unbalanced): +12 dBu XLR socket (balanced): +18 dBu	Switching bandwidth	up to 88 MHz

Overall device

Temperature range	-10 °C to +55 °C
Power supply	12 V DC
Current consumption	350 mA
Dimensions	Approx. 202 x 212 x 43 mm
Weight	Approx. 980 g

SK 100 G4 | SK 300 G4 | SK 500 G4 (Bodypack Transmitter)

RF characteristics

Modulation	Wideband FM
Frequency ranges	At: 470 - 516 MHz A: 516 - 558 MHz AS: 520 - 558 MHz Gw: 558 - 608 MHz GBw: 606 - 648 MHz Bw: 626 - 688 MHz C: 734 - 776 MHz C-T-H: 748.2 - 757.8 MHz D: 780 - 822 MHz E: 823 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz 1G8: 1785 - 1800 MHz
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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. Ø 50 x 265 mm
Weight (incl. bat-teries)	approx. 450 g

Frequency ranges	AW+: 470 - 558 MHz AW30: 470 - 558 MHz AS: 520 - 558 MHz Gw1: 558 - 608 MHz Gw: 558 - 626 MHz GBw: 606 - 678 MHz Bw: 626 - 698 MHz Cw: 718 - 790 MHz Cw-T-H: 748.2 - 757.8 MHz D: 790 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz
Modulation	Wideband FM
Frequency ranges	AW+: 470 - 558 MHz AW30: 470 - 558 MHz AS: 520 - 558 MHz Gw1: 558 - 608 MHz Gw: 558 - 626 MHz GBw: 606 - 678 MHz Bw: 626 - 698 MHz Cw: 718 - 790 MHz Cw-T-H: 748.2 - 757.8 MHz D: 790 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz
Modulation	Wideband FM
Frequency ranges	AW+: 470 - 558 MHz AW30: 470 - 558 MHz AS: 520 - 558 MHz Gw1: 558 - 608 MHz Gw: 558 - 626 MHz GBw: 606 - 678 MHz Bw: 626 - 698 MHz Cw: 718 - 790 MHz Cw-T-H: 748.2 - 757.8 MHz D: 790 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz

Frequency ranges	AW+: 470 - 558 MHz AS: 520 - 558 MHz Gw: 558 - 626 MHz GBw: 606 - 678 MHz Bw: 626 - 698 MHz Cw: 718 - 790 MHz Cw-T-H: 748.2 - 757.8 MHz D: 790 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz
Modulation	Wideband FM
Frequency ranges	AW+: 470 - 558 MHz AW30: 470 - 558 MHz AS: 520 - 558 MHz Gw1: 558 - 608 MHz Gw: 558 - 626 MHz GBw: 606 - 678 MHz Bw: 626 - 698 MHz Cw: 718 - 790 MHz Cw-T-H: 748.2 - 757.8 MHz D: 790 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz
Modulation	Wideband FM
Frequency ranges	AW+: 470 - 558 MHz AW30: 470 - 558 MHz AS: 520 - 558 MHz Gw1: 558 - 608 MHz Gw: 558 - 626 MHz GBw: 606 - 678 MHz Bw: 626 - 698 MHz Cw: 718 - 790 MHz Cw-T-H: 748.2 - 757.8 MHz D: 790 - 865 MHz Jb: 806 - 810 MHz K+: 925 - 937.5 MHz

Switching bandwidth	SK 100 G4: up to 42 Hz SK 300 G4/SK 500 G4: up to 88 MHz
Nominal/peak deviation	±24 kHz / ±48 kHz
Max. RF output power	50 mW limited to 10 mW AW30, Bw30: limited to 30 mW The use of 863-865 MHz is restricted to 10 mW in Europe.

Pilot tone squelch	Can be switched off
AF characteristics	
Componder system	Sennheiser HDX
AF frequency response	mic: 80 – 18,000 Hz Line: 25 – 18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	SK 100 G4: ≥ 110dBA SK 300 G4/ SK 500 G4: ≥ 115 dBA
Total harmonic distortion (THD) ≤ 0.9 %	
Max. microphone/line input voltage	3 V _{rms}
Microphone/line input impedance	40 kΩ, unbalanced / 1 MΩ

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. 82 x 64 x 24 mm
Weight (incl. bat-teries)	Approx. 160 g

Componder system	Sennheiser HDX
AF frequency response	mic: 80 – 18,000 Hz Line: 25 – 18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	SK 100 G4: ≥ 110dBA SK 300 G4/ SK 500 G4: ≥ 115 dBA
Total harmonic distortion (THD) ≤ 0.9 %	
Max. microphone/line input voltage	3 V _{rms}
Microphone/line input impedance	40 kΩ, unbalanced / 1 MΩ

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. 82 x 64 x 24 mm
Weight (incl. bat-teries)	Approx. 160 g

Componder system	Sennheiser HDX
AF frequency response	mic: 80 – 18,000 Hz Line: 25 – 18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	SK 100 G4: ≥ 110dBA SK 300 G4/ SK 500 G4: ≥ 115 dBA
Total harmonic distortion (THD) ≤ 0.9 %	
Max. microphone/line input voltage	3 V _{rms}
Microphone/line input impedance	40 kΩ, unbalanced / 1 MΩ

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with receiver switched off	
Operating time	Typically 8 h
Dimensions	Approx. 82 x 64 x 24 mm
Weight (incl. bat-teries)	Approx. 160 g

Componder system	Sennheiser HDX
AF frequency response	mic: 80 – 18,000 Hz Line: 25 – 18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	SK 100 G4: ≥ 110dBA SK 300 G4/ SK 500 G4: ≥ 115 dBA
Total harmonic distortion (THD) ≤ 0.9 %	
Max. microphone/line input voltage	3 V _{rms}
Microphone/line input impedance	40 kΩ, unbalanced / 1 MΩ

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. 82 x 64 x 24 mm
Weight (incl. bat-teries)	Approx. 160 g

Componder system	Sennheiser HDX
AF frequency response	mic: 80 – 18,000 Hz Line: 25 – 18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	SK 100 G4: ≥ 110dBA SK 300 G4/ SK 500 G4: ≥ 115 dBA
Total harmonic distortion (THD) ≤ 0.9 %	
Max. microphone/line input voltage	3.3 V _{rms}
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. bat-teries)	Approx. 195 g

Componder 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 %
Max. microphone/line input voltage	3.3 V _{rms}
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. bat-teries)	Approx. 195 g

Componder 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 %
Max. microphone/line input voltage	3.3 V _{rms}
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. bat-teries)	Approx. 195 g

Componder 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 %
Max. microphone/line input voltage	3.3 V _{rms}
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. bat-teries)	Approx. 195 g

Componder 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 %
Max. microphone/line input voltage	3.3 V _{rms}
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. bat-teries)	Approx. 195 g

Componder 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 %
Max. microphone/line input voltage	3.3 V _{rms}
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. bat-teries)	Approx. 195 g

Componder 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 %
Max. microphone/line input voltage	3.3 V _{rms}
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable

Temperature range	-10 °C to +55 °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:	Typically 180 mA
at nominal voltage	≤ 25 µA
with transmitter switched off	
Operating time	Typically 8 h
Dimensions	Approx. 105 x 43 x 43 mm
Weight (incl. bat-teries)	Approx. 195 g

Componder 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 %
Max. microphone/line input voltage	3.3 V _{rms}
Input impedance	68 kΩ, unbalanced
Input capacitance	Switchable

Temperature range	-10 °C to +55 °C
Power supply</	

