



HD 820

The new audiophile
standard for closed
back headphones.



SENNHEISER



Sennheiser's HD 820 sets a new benchmark for audiophile sound quality for closed back dynamic stereo headphones. They feature an innovative glass transducer cover that minimizes resonances. This unique design ensures an incredibly realistic and natural sound field, making them the most transparent-sounding closed headphones in the world.

- Enjoy audiophile sound quality, whether at home or on the move
- New reference for closed back headphones
- Closed, circumaural dynamic stereo headphones
- Natural hearing experience – realistic sound field with minimal resonance
- Glass covered ear cups make the transducer visible. This special design innovation reflects the sound from the transducer to an absorber to minimize distortion.

SPECSHEET

HD 820

Technical Data

EAN	4044155223194
UPC	615104300439
Art. No.	507435

General Data

Ear coupling	Circum-aural
Transducer principle	Dynamic, closed
Frequency characteristic	Diffuse-field equalized
Connectivity (depending on connection cable), gold-plated	XLR-4, balanced, 4-pin Stereo jack plug: 1/4" (6.35 mm), unbalanced, 3-pin 4.4 mm, balanced, 5-pin
Connection cables	Silver-plated, oxygen-free copper cable (OFC), balanced, shielded, para-aramid reinforced, 3 m
Weight (headphone, without cable)	Approx. 360 g
Temperature range	Operation: -10 to +55 °C, Storage: -20 to 70 °C
Relative air humidity (non-condensing)	Operation: 10 to 80 %, Storage: 10 to 90 %

Headphones

Frequency response	12 – 43,800 Hz (-3 dB) 6 – 48,000 Hz (-10 dB)
Impedance	300 Ω
Sound pressure level (SPL)	103 dB (1 Vrms)
THD – total harmonic distortion (1 kHz, 100 dB)	≤ 0.02 % (1 kHz, 100 dB SPL)
Contact pressure	Approx. 3,4 N ± 0.3 N
Attenuation	up to 25 dB
Long-term maximum input power	max. 500 mW according to EN 60-268-7

Packaging

Content of delivery	Headphones HD 820, HD 820 S closed, dynamic headphones connection cable; 1/4" (6.35 mm) stereo jack plug (connected ex works), unbalanced; 4.4 mm Pentaconn stereo jack plug, balanced; XLR-4 connector, balanced; USB flash drive (SD-U16L version) with instruction manual (as PDF file) and individually diffuse-field frequency response curve; instruction manual; storage box, microfiber cloth
Dimensions product packaging (L x B x H)	400 x 330 x 147 mm