



HD 300 PRO | HD 300 PROtect

Professional monitoring headset series



Closed headphones for professional monitoring in the studio and for live work. Its highly-sensitive transducers with precision diaphragms deliver high-resolution, neutral and distortion-free sound across the entire frequency spectrum.

Viscoelastic earpads and specially sealed acoustic elements provide efficient shielding against external noise. A high level of wearing comfort is ensured by optimum pressure distribution and a recess for the fontanelle. Structure borne noise is filtered out through a coiled cable directly by the earpiece.



HD 300 PROtect with switchable Active Gard. The hearing protection technology compresses volumes above 110 dB(A) to a safe level so that no information in the signal gets lost.

FEATURES

- High-resolution and distortion-free sound for professional monitoring
- Linear frequency response
- Efficient, passive noise attenuation
- Robust design
- Entirely field replaceable components
- HD 300 PROtect with switchable Active Gard hearing protection satisfies international directives on industrial safety and noise control

SPECIFICATIONS

Acoustic principle	dynamic, closed
Ear coupling	circumaural
Frequency response	6 – 25,000 Hz
Impedance	64 Ω
Power rating	500 mW
Sensitivity	108 ±3 dB SPL / 1 Vrms / 1 kHz
HD 300 PRO	
Max. SPL w/o ActiveGard	123 dB SPL @ 1 kHz
HD 300 PROtect	
Max. SPL ActiveGard off	123 dB SPL @ 1 kHz
Max. SPL ActiveGard on	110 dB SPL @ 1 kHz
Ambient noise attenuation	≤32 dB
Distortion	<0.1% @ 1 kHz, 94 dB SPL
Contact pressure	approx. 6.0 N
Weight (w/o cable)	approx. 297 g
Cable length	approx. 1.55 m
Temperature	
Operation:	–15 °C to +55 °C (5 °F to 131 °F)
Storage:	–55 °C to +70 °C (–67 °F to 158 °F)
Relative humidity	≤ 90 %

PRODUCT VARIANTS

HD 300 PRO	Art. no. 508288
HD 300 PROtect	Art. no. 506898