



# HMD 300 PRO | HMD 301 PRO | HMD 300-XQ-2

## Professional monitoring headset series



Closed headset for professional monitoring – specifically for broadcasters. The HMD 300 PRO Series takes the strain off the user thanks to minimal, optimally distributed pressure, particularly soft viscoelastic earpads and a fontanelle recess in the headband.

All acoustic elements are designed for maximum intelligibility; highly-sensitive transducers generate a clear, distortion-free sound and a dynamic microphone reproduces speech with a particularly high level of detail.

### FEATURES

- Maximum wearing comfort even during extended sessions
- High-resolution and distortion-free monitoring sound
- Outstanding speech intelligibility thanks to a supercardioid, dynamic microphone
- Switchable Peak Level Protection protects against volumes over 110 dB(A)
- Efficient filtering of ambient noise and structure borne noise
- Customized design of earpads possible

### PRODUCT VARIANTS

<b>HMD 300 PRO</b>	Art. no. 506900
<b>HMD 300-XQ-2</b>	Art. no. 506901
<b>HMD 301 PRO</b>	Art. no. 506903



HMD 300 PRO

HMD 300-XQ-2

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### SPECIFICATIONS

#### Headphone

Acoustic principle	dynamic, closed
Ear coupling	circumaural
Frequency response	60 – 25,000 Hz
Impedance	64 Ω
Power rating	500 mW
Sensitivity	108 ±3 dB SPL / 1 V <sub>rms</sub> / 1 kHz Limiter off
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
Cable length	approx. 1.55 m

#### Microphone (BMD 404)

Type	noise canceling
Transducer principle	dynamic
Directivity	hyper-cardioid
Impedance	300 Ω
Sensitivity	0.4 mV/Pa @ 1 kHz
Near field frequency range	80 Hz – 16,000 Hz

#### General

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%
Weight without cable	approx. 319 g (HMD 300) approx. 242 g (HMD 301)