

PROFESSIONAL HEADPHONE WITH DYNAMIC MICROPHONE FOR CLEAR SPEECH TRANSMISSION

The lightweight headsets in the HMD 26 series, with their closed supra-aural design, have been developed for professional broadcast applications. The headphones are dimensioned for particularly high sound pressure levels.

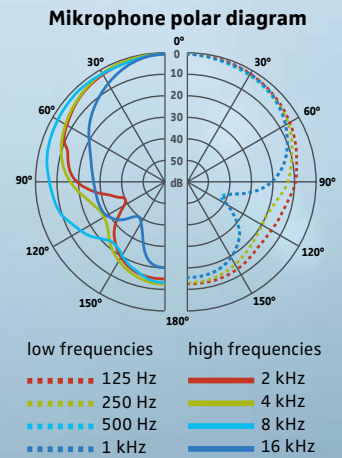
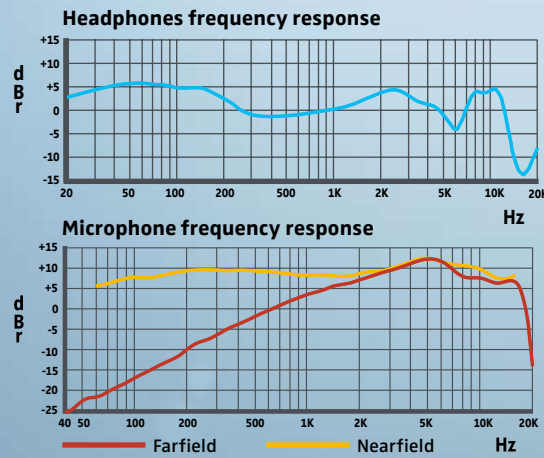
The headsets are exceptionally comfortable to wear while providing a high degree of noise attenuation. With all versions in this series, ActiveGard protects the user from extreme volume peaks. The dynamic microphone with a hyper-cardioid pattern features excellent acoustic performance, with linear frequency response over a broad frequency range up to 16 kHz. The flexible gooseneck microphone can be used on either the left or right side and it mutes in an upright position. Another important feature it is even less sensitive against structure-borne sound.

- Lightweight broadcast headset
- Extremely comfortable to wear, even for extended listening, due to a two-piece automatic headband and soft ear pads
- Single-sided cable
- Headphones for high maximum SPL
- ActiveGard™ (switchable) – protects the user against volume peaks above 105 dB
- “Flip-away” headphone allows single-sided listening
- Dynamic microphone (hyper-cardioid) with linear frequency response
- Flexible microphone boom, can be worn on either left or right-hand side
- Microphone mutes when the boom arm is upright
- Cable, microphone boom and ear pads can be changed easily (modular concept)
- 2-year guarantee



HMD 26

 **SENNHEISER**



Technical Data

HMD 26

Headphones	HMD 26-100	HMD 26-600	HMD 26-600S		
Transducer principle	dynamic, closed	dynamic, closed	dynamic, closed		
Ear coupling	supraaural	supraaural	supraaural, single sided		
Frequency response	20 – 18,000 Hz	20 – 18,000 Hz	20 – 18,000 Hz		
Impedance	50 Ω mono/100 Ω stereo	300 Ω mono/600 Ω stereo	600 Ω mono		
Distortion	< 0.5 % at 1 kHz	< 0.5 % at 1 kHz	< 0.5 % at 1 kHz		
Sensitivity	105 dB SPL at 1 kHz, 1 mW 115 dB SPL at 1 kHz, 1 V (ActiveGard™ Off)	105 dB SPL at 1 kHz, 1 mW 107 dB SPL at 1 kHz, 1 V (ActiveGard™ Off)	105 dB SPL at 1 kHz, 1 mW 107 dB SPL at 1 kHz, 1 V (ActiveGard™ Off)		
Max. SPL	128 dB SPL at 1 kHz, 200 mW (ActiveGard™ Off) 105 dB SPL bei 1 kHz (ActiveGard™ On)	127 dB SPL at 1 kHz, 200 mW (ActiveGard™ Off) 105 dB SPL bei 1 kHz (ActiveGard™ On)	127 dB SPL at 1 kHz, 200 mW (ActiveGard™ Off) 105 dB SPL bei 1 kHz (ActiveGard™ On)		
Contact pressure	approx. 3.6 N	approx. 3.6 N	approx. 3.6 N		
Microphone					
Type	BMD 424	BMD 424	BMD 424		
Transducer principle	dynamic, hyper-cardioid characteristic	dynamic, hyper-cardioid characteristic	dynamic, hyper-cardioid characteristic		
Frequency response	40 Hz – 16,000 Hz	40 Hz – 16,000 Hz	40 Hz – 16,000 Hz		
Sensitivity	0.4 mV / Pa at 1 kHz	0.4 mV / Pa at 1 kHz	0.4 mV / Pa at 1 kHz		
Impedance	300 Ω	300 Ω	300 Ω		
General data					
Ambient temperature	Operation: -15 °C to +55 °C Storage: -55 °C to +70 °C	Operation: -15 °C to +55 °C Storage: -55 °C to +70 °C	Operation: -15 °C to +55 °C Storage: -55 °C to +70 °C		
Weight without cable	approx. 200 g	approx. 200 g	approx. 130 g		
Packaging					
packaging dimensions (W x H x D)	194 mm x 84 mm x 249 mm	194 mm x 84 mm x 249 mm	194 mm x 84 mm x 249 mm		
Master carton dimensions (W x H x D)	512 mm x 252 mm x 382 mm	512 mm x 252 mm x 382 mm	512 mm x 252 mm x 382 mm		
Units per master carton	12	12	12		
Languages	German, English, French, Italian, Spanish, Dutch, Russian	German, English, French, Italian, Spanish, Dutch, Russian	German, English, French, Italian, Spanish, Dutch, Russian		
Product versions					
Model	Item no.	Description	Model	Item no.	Description
HMD 26-100-7	502452	100 Ohm per system, dynamic microphone, steel cable with open ends, 2 m length	cable-7	502360	steel cable with open ends, 2 m length
HMD 26-600-7	502464	600 Ohm per system, dynamic microphone, steel cable with open ends, 2 m length	cable-X3K1	502459	steel cable with connector XLR-3 and jack 6,3 mm, 2 m length
HMD 26-600X3K1	502464	600 Ohm per system, dynamic microphone, steel cable with connector XLR-3 and jack 6,3 mm, 2 m length	cable-X4F	502457	steel cable with connector XLR-4F, 2 m length
HMD 26-100	502451	100 Ohm per system, dynamic microphone, without cable	cable-X5	502462	steel cable with connector XLR-5, 2 m length
HMD 26-600	502463	600 Ohm per system, dynamic microphone, without cable	cable-H-6	502533	helix cable with open ends, 3 m length
HMD 26-600S	502465	600 Ohm single-sided, dynamic microphone, without cable	cable-H-X3K1	502456	helix cable with connector XLR-3 and jack 6,3 mm, 3 m length
			cable-H-X4F	502457	helix cable with connector XLR-4F, 3 m length
			cable-H-X5	502458	helix cable with connector XLR-5, 3 m length