PROFESSIONAL HEADPHONE WITH DYNAMIC MICROPHONE FOR CLEAR SPEECH TRANSMISSION

The lightweight headsets in the HMD 26 series, with their closed supar-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-cardiod 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-born sound.

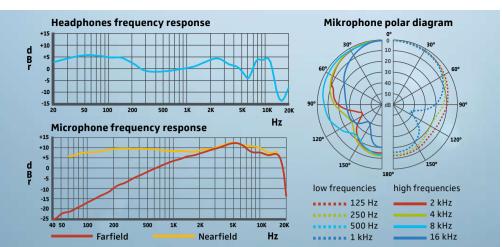
- Lightweight broadcast headset
- Extremely comfortable to wear, even for extended listening, due to a twopiece automatic headband and soft ear pads
- Single-sided cable
- Headphones for high maximum SPL
- ActiveGard™ (switchable) protects the user against volume peaks above 105 dB
- "Flip-away" headphone 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

HMD₂₆









Technical Data

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Headphones			HMD 26-100	HMD 26-600			HMD 26-600S	
Transducer principle			dynamic, closed	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		20 – 18,000 Hz	
Impedance			50 Ω mono/100 Ω stereo	300 Ω mono/60	00 Ω stere	ס	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)		V	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)		nW	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								
Туре			BMD 424	BMD 424	124		BMD 424	
Transducer principle			dynamic, hyper-cardioid characteristic	dynamic, hyper-cardioid	dynamic, hyper-cardioid characteristic		dynamic, hyper-cardioid characteristic	
Frequency response			40 Hz – 16,000 Hz	40 Hz – 16,000	0 Hz – 16,000 Hz		40 Hz – 16,000 Hz	
Sensitivity			0.4 mV / Pa at 1 kHz	0.4 mV / Pa at 1	V / 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° Storage: -55°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)		/ x H x D)	194 mm x 84 mm x 249 mm	194 mm x 84 mm x 249 mm		m	194 mm x 84 mm x 249 mm	
Master carton dimensions (W x H x D)		(W x H x D)	512 mm x 252 mm x 382 mm	512 mm x 252 mm x 382 mm		nm	512 mm x 252 mm x 382 mm	
Units per maste	r carton		12	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 version	ıs							
Model	ltem no.	Descriptio	n	Model	ltem no.	Description		
HMD 26-100-7	502452		er system, dynamic microphone, with open ends, 2 m length	cable-7	502360	steel cable with open ends, 2 m length		
HMD 26-600-7	502464		er system, dynamic microphone, 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		er system, dynamic microphone, with connector XLR-3 and jack 6,3 mm	2 m ler		2 m length	<u> </u>	
HMD 26-100	502451	100 Ohm p	er system, dynamic microphone,	cable-X5		steel cable with connector XLR-5, 2 m length		
		without ca					vith open ends, 3 m length	
HMD 26-600	502463	600 Ohm per system, dynamic microphone, without cable		cable-H-X3K1	502456	helix cable with connector XLR-3 and jack 6,3 mm, 3 m length		
HMD 26-600S	502465	600 Ohm s without ca	ngle-sided, dynamic microphone, ble	cable-H-X4F cable-H-X5	502457 502458		vith connector XLR-4F, 3 m length	