PROFESSIONAL HEADPHONE WITH DYNAMC 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

HMD 26

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Technical Data

HMD 26-600S

502465 600 Ohm single-sided, dynamic microphone,

without cable

			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							
Туре			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	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 w 2 m length	/ith open ends,
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	
600X3K1 steel cable		steel cable	er system, dynamic microphone, with connector XLR-3 and jack 6,3 mm,	cable-X4F	502457	steel cable w 2 m length	vith connector XLR-4F,
HMD 26-100 502451 100 Ohm p			er system, dynamic microphone,	cable-X5	502462	steel cable w 2 m length	ith connector XLR-5,
		without ca	ble	cable-H-6	cable-H-6 502533 helix cable w		vith open ends, 3 m length
		600 Ohm p without cal	er system, dynamic microphone, ble			rith connector XLR-3 mm, 3 m length	

cable-H-X4F

cable-H-X5

502457 helix cable with connector XLR-4F, 3 m length

502458 helix cable with connector XLR-5, 3 m length