

PRODUCT LAUNCH: HMS 27 Broadcast Headset Series



HMS 27 SERIES

Sennheiser is pleased to introduce the new HMS 27 Broadcast Headset Series to its product portfolio. This series, created with broadcast commentators and audio engineers in mind, is a top-of-the-line option that provides the highest level of wearing comfort for end users.

All 27-series models feature a lightweight and comfortable design, making them suitable for extended usage. These headsets, which are designed for a precise audio reproduction, feature a circumaural (or “over-ear”) earcup versus the 26-II series models which feature a supraaural (or “on-ear”) earcup design.

PRODUCT OVERVIEW

- The HMDC 27 is the headset within the series that features NoiseGard™ (active noise reduction). This increases the headset’s intelligibility while simultaneously protecting the end user’s hearing and reducing levels of stress and fatigue due to noise exposure. The NoiseGard™ feature is also conveniently powered via the microphone power supply within the broadcast desk or intercom system (Phantom powered P48), eliminating the need for batteries.
- Both the HMD 27/HMDC 27 headsets greatly suppress surrounding noise from the dynamic, hyper-cardioid microphone loved by sports broadcast commentators.
- The HME 27 is the ideal choice when more precise audio reproduction and higher intelligibility is needed.

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Is this series similar to the HMS 26 series?

HMS 27 Series headsets are similar to the HMS 26 Series because they're equipped with the automatically-opening two-piece headband that puts no pressure on the sensitive fontanelle. For those users who still prefer a conventional headband, a wide headband padding that converts the two-piece headband into a compact single piece is included.

Cables and accessories from the HMS 26-II Series are also compatible with the new HMS 27 Series. The headsets are service-friendly and can be used with a broad variety of modular cable sets within the cables 26-II series. The HMS 27 Series is also compatible with boom arms featuring different mic characteristics from the existing 26-II series, e.g. BKE 4-2 (omnidirectional).



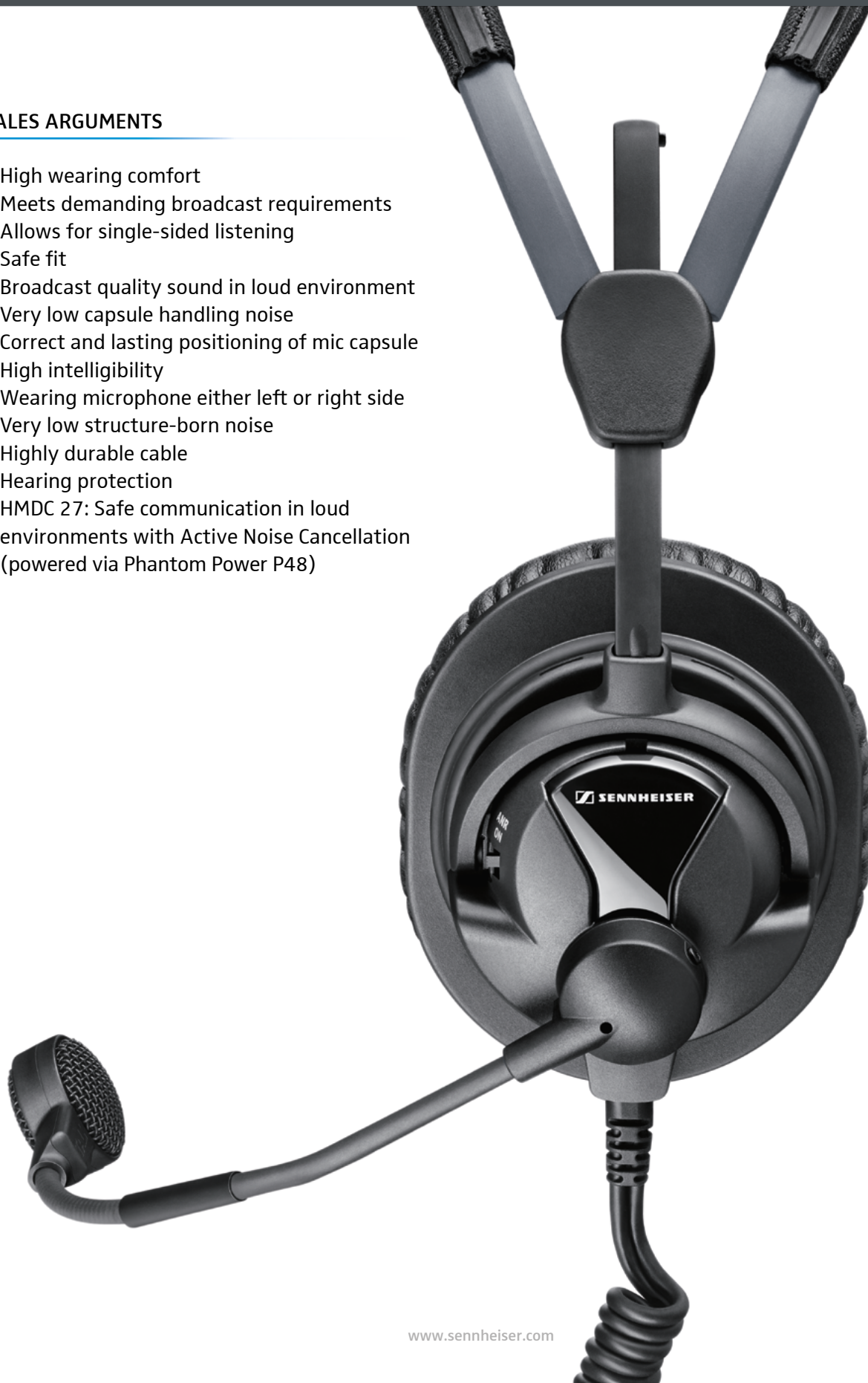
KEY FEATURES

- Lightweight & comfortable
- Circumaural earcups
- Patented two-piece automatic headband
- Soft ear pads
- Extra soft headband cushion
- Accurate sound reproduction
- Swivelling headphone ear-cap
- Wide opening angle for headband
- Swivelling range for ear-cup limited to 45°
- Dynamic microphone (HMD 27/ HMDC 27)
- Capsule shock mount (HMD 27 /HMDC 27)
- Stiffer and partly flexible gooseneck
- Pre-polarized condenser microphone (HME 27)
- Interchangeable wear side
- Special cable shape (cable-26-II variants)
- Reinforced cables (cable-26-II variants)
- ActiveGard™ reduces volume-peaks above 110 dB (can be activated optionally)
- NoiseGard™ headset (HMDC 27)

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SALES ARGUMENTS

- High wearing comfort
- Meets demanding broadcast requirements
- Allows for single-sided listening
- Safe fit
- Broadcast quality sound in loud environment
- Very low capsule handling noise
- Correct and lasting positioning of mic capsule
- High intelligibility
- Wearing microphone either left or right side
- Very low structure-born noise
- Highly durable cable
- Hearing protection
- HMDC 27: Safe communication in loud environments with Active Noise Cancellation (powered via Phantom Power P48)



Announcement

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TECHNICAL DATA

	HME 27	HMD 27	HMDC 27
HEADPHONE			
Transducer Principle	Dynamic, closed		
Ear Coupling	Circumaural		
Frequency Response	8 Hz – 18 kHz		
Impedance	64 ohms		600 ohms ANR on 200 ohms ANR off
Power Rating	500mW		
Sensitivity	112 dB SPL / 1 Vrms / 1 Khz Limiter off		112 dB SPL / 1 Vrms / 1 Khz ANR on, Limiter off 107 dB SPL / 1 Vrms / 1 Khz ANR on, Limiter on/off
Maximal SPL, Limiter off	128 dB SPL @ 1 kHz		115 dB SPL @ 1 kHz ANR on 128 dB SPL @ 1 kHz ANR off
Maximal SPL, Limiter on	110dB SPL @ 1 kHz		110dB SPL @ 1 kHz ANR on/off
Ambient Noise Reduction	< 32 dB passive ANR off respectively		
			additional < 15 dB ANR on
Distortion	< 0.1% @ kHz, 100 dB SPL		
Power Supply			Phantom Powered P48 12 V - 48 V, < 15 dB ANR on
Contact Pressure	Approx. 3.3 N		

Announcement

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TECHNICAL DATA

	HME 27	HMD 27	HMDC 27
MICROPHONE			
Type	BKE 10-4	BMD 434	
Transducer Principle	Pre-polarized condenser microphone	Dynamic	
Directivity	Cardioid	Hyper-cardioid	
Transmission Rate	40 Hz - 20 kHz	40 Hz - 18 kHz	
Sensitivity	16 mV/Pa @ 1 kHz	0.5 mV/Pa @ 1 kHz	
Impedance		300 ohms	
Maximum Sound Pressure Level	150 dB SPL, 1 kHz, 0.5% THD		
Interface	Phantom-powered P48		
Power Supply	12 V - 48 V		

	HME 27	HMD 27	HMDC 27
GENERAL DATA			
Ambient Temperature	Operation: -15°C _ +55°C Storage: -55°C _ +70°C		
Weight without cable	Approx. 240g		

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LOGISTICS AND ORDERING INFORMATION

MODEL	ITEM #	DESCRIPTION	EAN	UPC
HMD 27	506902	Broadcast Headset	4044155208559	615104272217
HME 27	506899	Broadcast Headset	4044155208528	615104272187
HMDC 27	506978	Broadcast Headset, NoiseGard	4044155212846	615104277977

MODEL	ITEM #	PACK DIMENSIONS (L X W X H) (MM)	WEIGHT (IN GRAMS)
HMD 27	506902	200 x 180 x 84	351
HME 27	506899	200 x 180 x 84	348
HMDC 27	506978	200 x 180 x 84	463



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COMPATIBLE CABLES FOR THE HMS 27 SERIES (FROM THE 26-II SERIES):

MODEL	ITEM #	PRODUCT DESCRIPTION
cable-6*	500836	Unterminated copper cable, 1.85 m
cable-H-6*	502533	Unterminated coiled copper cable, 3 m
cable-II-8	505797	Reinforced straight copper cable for improved durability with short coiled part for minimum structure born noise, unterminated ends, 2 m
cable-II-X3K1	505782	Reinforced straight copper cable for improved durability with short coiled part for minimum structure born noise, XLR-3 connector and 6.3 mm (1/4") jack plug, 2 m
cable-II-X4F	505784	Reinforced straight copper cable for improved durability with short coiled part for minimum structure born noise with XLR-4F connector, 2 m
cable-II-X5	505785	Reinforced straight copper cable for improved durability with short coiled part for minimum structure born noise with XLR-5 connector, 2 m
cable-H-X4F*	502457	Coiled copper cable with XLR-4F connector, 3 m

PRICES EXCLUDING VAT.

SDS CODE: SD0007 PROFESSIONAL AUDIO

MODEL	ITEM #	DESCRIPTION	EUR	DKK	NOK	SEK	GBP	CHF
HMD 27	506902	Broadcast Headset	457.50	3,430.00	4,025.00	4,280.00	369.00	489.00
HME 27	506899	Broadcast Headset	457.50	3,430.00	4,025.00	4,280.00	369.00	489.00
HMDC 27	506978	Broadcast Headset, NoiseGard	532.50	3,995.00	4,685.00	4,980.00	429.00	489.00

AVAILABILITY: These products are now available for purchase.