



HME 27 | HMD 27 | HMDC 27

Professional broadcasting headset series



HMD/E/C 27 – Tailored for Commentators and Audio Engineers

The HMD/E/C 27 professional broadcast headsets are meticulously tailored for commentators and audio engineers who demand the highest levels of audio performance and ergonomic comfort. These closed, circumaural headsets feature ActiveGard® limiting technology to protect your hearing and microphone options like a pre-polarized condenser capsule or a dynamic capsule, depending on your application. At the same time, their lightweight build, soft earpads, and innovative two-piece headband offer pressure-free wear. Furthermore, the HMDC 27 also includes switchable NoiseGard™ technology for operating in the noisiest environments.

FEATURES

HMD 27

- Dynamic microphone delivers reliable broadcast quality, even in noisy environments
- Premium comfort with lightweight design and split headband to eliminate pressure points
- Accurate sound reproduction for demanding professional radio and TV applications
- 3-step switchable ActiveGard® limiting technology for protection of noise peaks (Off/ 95dB/110dB)
- Modular design for using different cables and boom arms
- Flip-away headphone for single-sided listening
- Switchable microphone boom for left- or right-side configuration

HME 27

- Cardioid condenser microphone delivers pristine broadcast quality
- Premium comfort with lightweight design and split headband to eliminate pressure points

- Accurate sound reproduction for demanding professional radio and TV applications
- 3-step switchable ActiveGard® limiting technology for protection of noise peaks (Off/ 95dB/110dB)
- Modular design for using different cables and boom arms
- Flip-away headphone for single-sided listening
- Switchable microphone boom for left- or right-side configuration

HMDC 27

- Dynamic microphone delivers reliable broadcast quality, even in noisy environments
- Premium comfort with lightweight design and split headband to eliminate pressure points
- Accurate sound reproduction for demanding professional radio and TV applications
- ActiveGard® limiting technology for protection of noise peaks <110 dB
- Active NoiseGard™ technology increases intelligibility and reduces noise by an additional 15dB
- Modular design for using different cables and boom arms
- Flip-away headphone for single-sided listening
- Switchable microphone boom for left- or right-side configuration

DELIVERY INCLUDES

- HME 27 | HMD 27 | HMDC 27
- Large headband padding
- Pouch
- Windshield
- Quick guide
- Safety guide



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PRODUCT VARIANTS

| | |
|----------------|-----------------|
| HMD 27 | Art. no. 700322 |
| HME 27 | Art. no. 700323 |
| HMDC 27 | Art. no. 700324 |

ACCESSORIES

| | | |
|------------|-----------------------------------|-----------------|
| CABLE-X3K1 | Headset Cable, XLR 3M/ ¼" Plug | Art. no. 700427 |
| CABLE-X4F | Headset Cable, XLR 4F | Art. no. 505784 |
| CABLE-X5 | Headset Cable, XLR 5M | Art. no. 505785 |
| CABLE-8 | Headset Cable, unterminated, twin | Art. no. 505797 |
| CABLE-6 | Headset Cable, unterminated, twin | Art. no. 508545 |

SPECIFICATIONS

| Headphones: | HME 27 | HMD 27 | HMDC 27 |
|---------------------------------|--------------------------------|----------------------------------|----------------------------|
| Transducer principle | dynamic, closed | dynamic, closed | dynamic, closed |
| Ear coupling | circum-aural | circum-aural | circum-aural |
| Frequency response | 4 to 21,000 Hz | 4 to 21,000 Hz | 4 to 21,000 Hz |
| Impedance | 64 Ω | 64 Ω | 130 Ω |
| Characteristic SPL | 102 dB SPL @ 1 kHz, 1mW | 102 dB SPL @ 1 kHz, 1mW | 105 dB SPL @ 1 kHz, 1mW |
| ActiveGard Level | 95 dB SPL / 110 dB SPL @ 1 kHz | 95 dB SPL @ / 110 dB SPL @ 1 kHz | 110 dB SPL @ 1 kHz |
| Max SPL (ActiveGard off) | 125 dB SPL | 125 dB SPL | 125 dB SPL |
| Total harmonic distortion (THD) | < 0.1% @ 1 kHz, 100 dB SPL | < 0.1% @ 1 kHz, 100 dB SPL | < 0.1% @ 1 kHz, 100 dB SPL |
| Contact pressure | approx. 3.6 N | approx. 3.6 N | approx. 3.6 N |

Microphone

| Type | BKE 10-4 | BMD 434 | BMD 434 |
|----------------------|------------------------------------|-------------------|----------------------|
| Transducer principle | pre-polarized condenser microphone | dynamic | dynamic |
| Pick-up pattern | cardioid | hyper cardioid | hyper cardioid |
| Frequency response | 40 to 20,000 Hz | 40 to 18,000 Hz | 40 to 18,000 Hz |
| Sensitivity | 16 mV/Pa @ 1 kHz | 0.5 mV/Pa @ 1 kHz | 0.5 mV/Pa @ 1 kHz |
| Impedance | - | 300 Ω | 300 Ω |
| Interface | phantom powered 48 V | balanced | phantom powered 48 V |

General

| | | | |
|------------------------------|--|--|--|
| Temperature range: Operation | -15 °C to +55 °C (5 °F to 131 °F) | -15 °C to +55 °C (5 °F to 131 °F) | -15 °C to +55 °C (5 °F to 131 °F) |
| Storage | -40 °C to +70 °C (-40 °F to 158 °F) | -40 °C to +70 °C (-40 °F to 158 °F) | -40 °C to +70 °C (-40 °F to 158 °F) |
| Weight without cable | approx. 240 g | approx. 240 g | approx. 250 g |