

# HME 25-1

## Headsets | Communications Headset

Cat No. 003374

### General Description

The HME 25-1 headset features dynamic, closed headphones and a broadcast quality MKE 2 Red Dot omni-directional close-talk microphone. It has been designed specifically for use in noisy environments. Background noise attenuation is achieved by the extreme closeness of the microphone to the mouth. In addition, omni-directional microphones do not suffer from increased low frequencies (proximity effect) and so give a natural sound at close talking distances.



### Features

- Broadcast quality microphone with superb transmission qualities due to extremely flat frequency response
- Very light
- Two-piece padded headband, exceptionally comfortable
- Microphone can be worn on either left or right-hand side
- Delivery includes: 1 HME 25-1  
1 MZW 1410 windshield

### Recommended Accessories

- Velour ear pads (1 pair)
- HZP 25 hygiene pads

Cat. No. 069417  
Cat. No. 077900

### Replacement Parts

- Ear pads (1 pair)
- MZW 1410 windshield

Cat. No. 040179  
Cat. No. 028718

### Technical Data

#### Headphones

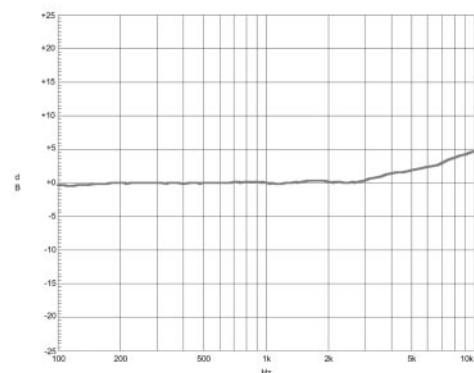
|                        |                              |
|------------------------|------------------------------|
| Transducer principle   | dynamic                      |
| Ear coupling           | supra-aural, closed          |
| Frequency response     | 30 – 16,000 Hz               |
| Characteristic SPL     | 102 dB ± 3 dB at 1 kHz, 1 mW |
| Nominal impedance      | 600 Ω per side               |
| Load rating            | 200 mW                       |
| THD                    | 0.5 %                        |
| Contact pressure       | approx. 3.3 N                |
| Weight (without cable) | approx. 190 g                |

#### Microphone

|                                          |                                            |
|------------------------------------------|--------------------------------------------|
| Transducer principle                     | back-electret condenser microphone capsule |
| Frequency response                       | 40 – 20,000 Hz                             |
| Pick-up pattern                          | omni-directional                           |
| Sensitivity (free field, no load, 1 kHz) | 6.7 mV/Pa                                  |
| Min. terminating impedance               | 4.7 kΩ                                     |
| Operating voltage                        | 5 – 15 V DC                                |

### Connections

|                  |                                |
|------------------|--------------------------------|
| Connection cable | 1.8 m, steel cable, open-ended |
|------------------|--------------------------------|



Microphone frequency response (near field)  
measured with B&K 4227 artificial mouth (94 dB SPL, distance of 6 mm)

### Microphone Pick-up Pattern

