

# HME 100 SE

## Headsets | Pilot's Headset

Cat. No. 500076  
Special Edition

### General Description

Featuring an elegant high-tech finish, closed ear protector headphones and excellent passive noise attenuation, the HME 100 Special Edition pilot's headset is ideal for use in propeller and turbo-prop aircraft.



### Features

- **Special edition headset**
- Constant attenuation of up to 40 dB
- Advanced transducer design ensures excellent speech intelligibility
- Headphone volume control
- Noise-compensated boom microphone for superior speech transmission
- Delivery includes: 1 HME 100 Special Edition
  - 1 carrying case for headset and accessories
  - 1 MZQ 2002-1 cable clip
  - 1 MZW 45 windshield

### Recommended Accessories

- Gel ear pads Cat. No. 083140

### Replacement parts

- Ear pads (1 pair) Cat. No. 077960
- MZW 45 windshield Cat. No. 075823

### Technical Data

#### Headphones

Transducer principle .....	dynamic
Ear coupling .....	circumaural, closed
Frequency response .....	45 – 15,000 Hz
Nominal impedance active/passive	
HME 100/105/120 .....	150 Ω, mono
HME 100 .....	300 Ω per system, stereo
Attenuation (passive) .....	> 10 – 40 dB
NRR (Noise Reduction Rating) .....	24 dB
Contact pressure .....	approx. 10 N
Weight without cable .....	350 g

#### Microphone incl. Preamplifier

Type .....	MKE 45-1
Transducer principle .....	back-electret condenser capsule, noise-compensated
Frequency response .....	300 – 5,000 Hz
Max. SPL .....	120 dB
Output voltage .....	400 mV ± 3 dB at 114 dB/SPL (as per RTCA/DO 214)
Terminating impedance .....	150 Ω
Operating voltage .....	8 – 16 V DC, approx. 8 – 25 mA (as per RTCA/DO 214)

#### General Data

Connection cable .....	single-sided round cable, length 1.5 m
Connectors	
HME 100	
– Headphones .....	1/4" stereo jack
– Microphone .....	PJ-068 (5.25 mm Ø)
Specials .....	headphone volume control, mono/stereo switch
Operating temperature .....	– 15 °C ... + 55 °C
Storage temperature .....	– 55 °C ... + 55 °C