

## HMEC 460

### General Description

The HMEC 460 is a new circumaural pilot's headset with NoiseGard™ active noise compensation for use in propeller and turbo prop aircraft.

Its silver brushed surface gives it an exclusive and premium-class look. The HMEC 460 not only has an extra generously padded headband and extremely soft ear pads, it also features a low 8.0 N contact pressure, 20 % less than its predecessor.

The HMEC 460 even includes sockets for multimedia applications: an extra 3.5mm Audio-In-socket for those who want to connect their MP3-player directly to the headset, and a 2.5mm Cell-Phone-In-socket for the cell phone.



### Features

- Modern design, stylish silver finish
- Extremely comfortable to wear thanks to reduced contact pressure (approx. 7N) and improved ear pads and headband padding
- Superior audio quality
- Noise-compensated boom microphone for superior speech transmission
- Control unit provides the following features: Volume control, audio-In, cell-phone-in, switch for NoiseGard™ on/off, switch mono/stereo, switch boom left/right, 2-coloured status-LED
- NoiseGard supply can be used either from 2x AA batteries or from aircraft by XLR-3 connector
- Auto shut-off function
- Can be used as conventional headphones when supply voltage for NoiseGard™ is switched off
- 10 year warranty

### Delivery Includes

- 1 HMEC 460
- 1 carrying case for headset and accessories
- 1 cable clip MZQ 2002-1
- 1 wind and popscreen MZW 45
- 1 user manual
- 1 audio cable with 2x 2.5mm stereo jacks
- 1 audio cable with 2x 3.5mm stereo jacks

### Technical Data

Transducer principle	dynamic
Ear coupling	circumaural, closed
Frequency response (headphones)	20 – 20.000 Hz
Nominal impedance (active/passive)	400/300 Ohm, mono; 600/600 Ohm stereo
Attenuation (active + passive)	>25 – 40 dB
THD, total harmonic distortion	<1%
Contact pressure	8 N, approx.

Transducer principle (Microphone)	MKE 45-1 bipolar, electret, noise compensating
Frequency response (microphone)	300 - 5.000 Hz
Max. Sound pressure level (aktiv)	120 dB
Output voltage	400 mV +/- 3 dB 114 dB/SPL (as per. RTCA/DO 214)
Weight w/o cable	370 g
Connection cable	single-sided round cable, Length 1.6 m
Connector Headphones	6,3 mm stereo jack
Connector Microphones	PJ-068 (5.25 mm) equivalent
Conector NoiseGard™-supply	XLR-3
Operating temperature	-15°C... +55°C
Storage temperature	-55°C... +70°C
Operating time (Battery)	30 hours, approx.