## **HMEC 466**

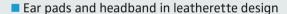
## Pilot's Headsets

The HMEC 466 is a pilot's headset with closed ear protector headphones and 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 new closed ear protector headset not only has an extra generously padded headband and extremely soft ear pads, it also features 7.0 N contact pressure, 30 % less than its predecessor. The HMEC 466 even includes sockets for multimedia applications: an extra 3.5 mm Audio-In-socket for those who want to connect their MP3-player directly to the headset, and a 2.5 mm Cell-Phone-In-socket for the mobile phone. The HMEC 466 is

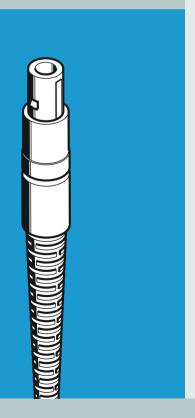
equipped with Redel connector

to the cockpit.





- Highest wearing comfort
- 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 2 x AA batteries (operating time approx. 30 hours) or from aircraft by Redel connector
- Can be used as conventional headphones when supply voltage for NoiseGard™ is switched off
- 10 year warranty
- Delivery includes: 1 HMEC 466, 1 carrying case for headset and accessories, 1 cable clip HZC 08, 1 windshield MZW 46, 1 audio cable with 2 x 2.5 mm stereo jacks, 1 audio cable with 2 x 3.5 mm stereo jacks



## Specifications

Headphone	HMEC 466		
Transducer principle	dynamic		
Ear coupling	circumaural, closed		
Frequency response	20 – 20,000 Hz		
Impedance (active/passive)	400/300 $\Omega$ mono, 600/600 $\Omega$ per system, stereo		
Audiolevel	93 dB SPL passive		
(at 1 kHz, 1 V input voltage)	95 dB SPL active		
Attenuation (active/passive)	> 25 – 40 dB		
Contact pressure	aprox. 8 N		
Weight (without cable)	370 g		
Microphone	Typ BKE 45-1 bipolar		
Transducer principle	condenser capsule, noise-compensated		
Frequency response	300 – 5,000 Hz		
Max. SPL	120 dB		
Output voltage	400 mV $\pm$ 3dB at 114 dB/SPL (as per RTCA/DO 214)		
Terminating impedance	150 Ω		
Operating voltage	Typ. 16 VDC (8 – 16 VDC, 8 – 25 mA as per RTCA/DO 214)		
General Data			
Connection cable	single-sided round cable, length 1.9 m		
Connetors incl. NoiseGard™ supply	Redel		
Packaging			
Packaging dimensions (W x H x D in mm)	249 x 282 x 123		
Carton dimensions (W x H x D in mm)	285 x 375 x 260		
Units per carton	6		
Languages	German, English, French, Spanish, Italian, Dutch		

## **Recommended Accessories**

Beschreibung	Product	Cat. No.
Hygienepads	HZH 60	003553
Carrying case		078366
Windshield	MZW 45	075823
Cable clip	HZC 08	525787
GOP GEL ear pads		092807
Comfort ear pads		517607

