

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.



- Ear pads and headband in leatherette design
- 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 Ω mono, 600/600 Ω 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. NoiseGuard™ 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