

HMEC 460

Pilot's Headsets

The HMEC 460 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 460 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.



- 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 XLR-3 connector
- 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 windshield MZW 45, 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 460
Transducer principle	dynamic
Ear coupling	circumaural, closed
Frequency response	20 – 20,000 Hz
Nominal impedance (active/passive)	300 Ω mono, 600 Ω per system, stereo
Attenuation (active/passive)	> 25 – 40 dB
Contact pressure	aprox. 7 N
Weight (without cable)	370 g
Microphone	Typ MKE 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 1.5 m
Connetors	Headphone: 1/4" stereo jack Mircophone: PJ-068 \varnothing 5.25 mm
NoiseGard™ supply	XLR-3 connector
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.
Cigarette lighter adaptor cable	ACX-1	
Cigarette lighter adaptor cable	ACX-2	
Cigarette lighter adaptor cable	ACX-11 *	
Cigarette lighter adaptor cable	ACX-22 *	
Windshield	MZW 45	075823
Cable clip	MZQ 2002-1	044740
GOP GEL ear pads		092807
Ear pads, soft		517607