

HMEC 250

General Description

The HMEC 250 is a Headset for General Aviation



Features

- Outstanding transmission quality for clear communications
- Good passive attenuation
- High attenuation due to effective active noise compensation Noise Gard
- Talk-Through function allows direct communication in the cockpit
- Collapsible design for space-saving storage and transportation
- Noise-compensating boom microphone ensures excellent speech transmission
- Flexible microphone boom arm
- Separate left and right channel volume control
- Peak-Level-Protection safeguards your ears from volume peaks above 110 dB
- Excellent comfort resulting from soft ear pads and headband padding
- Audio-Input facility for external audio sources: mobile phones and MP3-Players

Delivery Includes

- Headset HMEC 250
- Carrying bag for the headset
- Cable clip
- 2 wind and pop screens
- User manual
- Audio-In cable 0,60 m, 3.5 --> 3.5 mm jacks
- Audio-In cable 0,60 m, 2.5 --> 2.5 mm jacks
- 2 batteries for the NoiseGard headphones (AAA)
- 1 pair ergonomical ear pads

Technical Data

Transducer principle	dynamic, closed
Ear coupling	circum-aural
Frequency response (headphones)	8 - 28.000 Hz
Nominal impedance	passiv: 150 Ohm mono/ 300 Ohm stereo; active: 600 Ohm mono/ 1200 Ohm stereo
Sound pressure level (SPL)	98 dB SPL - 1 kHz, 1 mW / 100 dB SPL - 1 kHz, 1 V (passive/active)
THD, total harmonic distortion	<1 % at 95 dB SPL
Attenuation (active + passive)	passive: 13 - 34 dB, active: 16 - 25 dB
NoiseGard-Supply	2 x AAA cells (alkaline recommended)
Contact pressure	approx. 8 N
Transducer principle (Microphone)	electret-condensor, noise-compensated
Frequency response (microphone)	350 - 6.000 Hz

Output voltage	400 mV at 114 dB SPL / 40 mV/Pa (adjustable from 17 - 100 mV/Pa)
Operating voltage (stand alone)	8 - 16 V DC
Connection cable	single-sided round cable, length 1.85 m
Connector	6,3 mm - headphones, 5.25 mm - microphone
Weight w/o cable	approx. 285 g
Operating temperature	-10 °C - +55 °C
Storage temperature	-55 °C - +55 °C

