

# HME 95/HMEC 250

## Pilot's Headsets

The new generation: Due to their very attractive and foldable design the HME 95 and HMEC 250 are the first models of a new design-generation of Sennheiser General Aviation Headsets.

The HME 95 is a headset with passive noise attenuation that is good value for money. The HMEC 250 comes with active noise compensation NoiseGard™ 2.0.

Especially made for private pilots but also for pilots of Business Jets:

Peak-Level-Protection protects your hearing from Volume peaks > 110 dB.

The Talk Through-Function of the HMEC 250 allows direct communication in the Cockpit.

The volume control has two connector sockets (2,5 mm, 3,5 mm) for connection with a cell phone and a MP3-Player. Beyond that HME 95 and HMEC 250 are extremely lightweight and comfortable.



### Features:

- Outstanding transmission quality for clear communications
- Noise-compensating boom microphone ensures excellent speech transmission
- Good passive attenuation of ambient noise (13 – 34 dB) (not recommended for Turboprop)
- High attenuation due to effective active noise compensation NoiseGard™ 2.0 (HMEC 250 only)
- Talk-Through function allows direct communication in the cockpit (HMEC 250 only)
- Fail-Safe-Operation (HMEC 250 only)
- Foldable design for space-saving storage and transportation
- Flexible microphone boom
- 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, such as mobile phones and MP3-Players
- 3 years warranty
- Delivery includes: 1 headset , 1 soft case for headset and accessories, 1 cable clip, 2 MZW 46 wind shields, 1 Audio-In cable for mobile telephones, length 0,60 m, with 2 x 2,5 mm jacks, 1 Audio-In cable for additional audio players, length 0,60 m, with 2 x 3,5 mm jacks, 2 x AAA batteries (Only HMEC 250), 1 user manual



# Specifications



Headset	HME 95	HMEC 250
Transducer principle	dynamic, closed	dynamic, closed
Ear coupling	circumaural	circumaural
Frequency response	8 – 28000 Hz (headphones)	8 – 28000 Hz (headphones), 300 – 5000 Hz (Talk Through)
Nominal impedance mono/stereo	225 Ω mono, 300 Ω stereo	passive: 150 Ω mono, 300 Ω stereo active: 600 Ω mono, 1200 Ω stereo
Characteristic SPL	100 dB SPL at 1 kHz, 1 V stereo, 97 dB SPL at 1 kHz, 1 V mono	passive: 98 dB SPL at 1 kHz 1 V active: 100 dB SPL at 1 kHz, 1 V
Distortion factor	< 1% at 94 dB SPL	< 1% at 94 dB SPL
Attenuation (aktive / passive)	13 – 34 dB passive noise reduction	13 – 34 dB passive noise reduction plus 16 – 25 dB at low frequencies when NoiseGard is turned on
Contact pressure	ca. 8 N	ca. 8 N
<b>Microphones with pre-amplifier</b>	<b>MKE 46</b>	<b>MKE 46</b>
Transducer principle	Pre-polarized, noise-compensating condenser capsule	Pre-polarized, noise-compensating condenser capsule
Frequency response	350 – 6.000 Hz	350 – 6.000 Hz
Output voltage	40 mV/Pa (factory setting) = 400 mV at 114 dB SPL (17 - 100 mV/Pa adjustable)	40 mV/Pa (factory setting) = 400 mV at 114 dB SPL (17 - 100 mV/Pa adjustable)
Terminating impedance	150 – 2.200 Ω	150 – 2.200 Ω
Operating voltage	8 – 16 V DC	8 – 16 V DC
<b>General Data</b>		
Weight w/o cable	approx. 275 g	approx. 285 g
operating temperature	-10.....+55 °C	-10.....+55 °C
storage temperature	-55.....55 °C	-55.....55 °C
NoiseGard™ supply	–	2 x AAA 1,5 V (alkaline recommended)
Connection Cable	1.85 m	1.85 m
Connector	6.3 mm Stereo-Headphones, 5.25 mm-microphone	6.3 mm Stereo-Headphones, 5.25 mm-microphone
Extras	mono/stereo switch, line/cell phone input, Peak-Level-Protection	NoiseGard™ on/off, Talk Through on/off, Talk Through Volume +/-, mono/stereo switch, line/cell phone input, Peak-Level-Protection, Fail-Safe-Operation
<b>Packaging</b>		
Dimensions of product packaging	210 mm x 109 mm x 243 mm	217 mm x 113 mm x 243 mm
Dimensions of master carton	460 mm x 370 mm x 268 mm	460 mm x 370 mm x 268 mm
Units per master carton	6	6
Languages	German, English, French, Italian, Spanish, Netherlands	German, English, French, Italian, Spanish, Netherlands

## Accessories and spare parts

Head pads (1 pair)	523897	Audio-cable 2 x 3.5 mm jack, 0,60 m cable length	523843
windshield	515297	Audio-cable 2 x 2.5 mm jack, 0,60 m cable length	523844
windshield 100 pieces	514127	Ear pads (1 pair)	523310
Cable clip	044740		