

HMEC 400 NoiseGard™

Headsets | Pilot's Headset with NoiseGuard™ Active Noise Compensation

Cat. No. 005305

General Description

The HMEC 400 is a pilot's headset with closed ear protector headphones and NoiseGuard™ active noise compensation for use in helicopters, propeller and turbo-prop aircraft.



Features

- Constant attenuation of up to 40 dB throughout the entire audio range
- Advanced transducer design ensures excellent speech intelligibility
- Electronics fully integrated into headphone capsules
- Can be used as conventional headphones when supply voltage is switched off
- Noise-compensated boom microphone for superior speech transmission
- Delivery includes: 1 HMEC 400 NoiseGard™, 1 x 3-pin input socket for aircraft's internal power supply, 1 carrying case for headset and accessories, 1 MZQ 2002-1 cable clip, 1 MZW 45 windshield

Recommended Accessories

- BP-03 battery pack Cat. No. 004732
- BP-04 battery pack Cat. No. 500357
- ACX-1 cigarette lighter adaptor
- ACX-2 cigarette lighter adaptor
- ACX-11 cigarette lighter adaptor
- ACX-22 cigarette lighter adaptor
- MZO 2002-1 cable clip Cat. No. 044740

Replacement Parts

- Ear pads (1 pair) Cat. No. 085764
- Ear pads (1 pair), soft Cat. No. 089382
- MZW 45 windshield Cat. No. 075823

Technical data

Headphones

Transducer principle.....	dynamic
Frequency response	45 – 15000 Hz
Nominal impedance (active/passive).....	300/150 Ω mono, 600/300 Ω stereo
Attenuation (active + passive).....	> 25 – 40 dB
Weight w/o cable	380 g

Microphone (incl. Preamplifier)

Type..... MKE 45-1
Transducer Principle..... back-elektret condenser capsule,
noise-compensated
Frequency response 300–5.000 Hz
Max. SPL 120 dB
Output voltage 400 mV $\pm$ 3 dB at 114 dB/SPL
Operating voltage typ. 16 VDC (8 – 16 V DC, 8 – 25 mA)

General Data

Connection cable.....	single-sided round cable, length 1.5 m
NoiseGuard™ supply.....	12 – 35 V DC
Correct consumption	approx. 27 mA, max. 80 mA
Fuse	500 mA multifuse
Connectors	
– Headphones	¼" stereo jack
– Microphones.....	PJ-068 (5.25 mm Ø)
– NoiseGuard™ supply	XLR-3
Specials	NoiseGuard™ on/off switch, headphone volume control, mono/stereo switch