

HMDC 372 NoiseGard™

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

Cat. No. 500568

General Description

The HMDC 372 is a pilot's headset with closed ear protector headphones and NoiseGard™ active noise compensation for use in helicopters, propeller and turbo-prop aircraft. The HMDC 372 is equipped with a low impedance dynamic microphone.



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, low-resistance M-87/AIC dynamic boom microphone for superior speech transmission
- 5 years warranty
- Delivery includes: 1 HMDC 372 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

Recommended Accessories

- BP-04 battery pack Cat. No. 500357
- ACX-1 cigarette lighter adaptor cable for one headset
- ACX-2 cigarette lighter adaptor cable for two headsets
- ACX-11 cigarette lighter adaptor cable for one headset*
- ACX-22 cigarette lighter adaptor cable for two headsets*

* with right-angled jack connector, 7.5 A flat fuse and LED display

Replacement Parts

- Ear pads (1 pair) Cat. No. 077966
- GEL ear pads Cat. No. 092807

Technical Data

Headphones

| | |
|-------------------------------------|---------------------|
| Transducer principle..... | dynamic |
| Ear coupling..... | circumaural, closed |
| Frequency response..... | 45 – 15,000 Hz |
| Nom. impedance active/passive..... | 50 Ω/35 Ω |
| Attenuation (active + passive)..... | > 25 – 40 dB |
| NRN (Noise Reduction Rating)..... | 25 dB |
| Max. SPL..... | 118 dB linear |
| Contact pressure..... | approx. 10 N |
| Weight without cable..... | 370 g (13.05 oz) |

Microphone incl. Preamplifier

| | |
|---------------------------|----------------------------|
| Type..... | M-87/AIC |
| Transducer principle..... | dynamic, noise-compensated |
| Frequency response..... | 500 – 4,000 Hz |
| Sensitivity..... | 1.8 – 4 μV/74 dB at 5 Ω |

General Data

| | |
|----------------------------|---|
| Connection cable..... | single-sided coiled cable |
| NoiseGard™ supply..... | 12 – 35 V DC |
| Current consumption..... | approx. 27 mA, max. 80 mA |
| Fuse..... | 500 mA multifuse |
| Connectors | |
| Headphones + Mic..... | U-174/U |
| NoiseGard™ supply..... | XLR-3 |
| Specials..... | NoiseGard™ on/off switch, headphone volume control |
| Operating temperature..... | – 15 °C ... + 55 °C |
| Storage temperature..... | – 55 °C ... + 55 °C |