

HMDC 322 NoiseGard™

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

Cat. No. 004534

General Description

The HMDC 322 is a pilot's headset with closed ear protector headphones and NoiseGard™ 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, low-resistance M-87/AIC dynamic boom microphone for superior speech transmission
- Delivery includes: 1 HMDC 322 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-03 battery pack Cat. No. 004732
- 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

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
NRR (Noise Reduction Rating).....	25 dB
Max. SPL.....	118 dB linear
Contact pressure.....	approx. 10 N
Weight without cable.....	370 g

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