

HMD 46

Headsets | Communications Headsets

General Description

The HMD 46 is a very lightweight and comfortable open pilot's boomset. It is ideal for air traffic control. The headset is equipped with ActiveGard™, which protects controllers from the effects of an acoustic burst.



Technical Data Headphone

Frequency response	20 – 14,000 Hz
Transducer principle	dynamic, open
Nominal impedance	300 V per system
Characteristic sound pressure level	98 dB SPL at 1 kHz, 1 mW, 86 dB SPL at 1 kHz, 1 V
THD	< 1 % at 95 dB SPL (300 – 3,000 Hz)
Ear coupling	supra-aural
Contact pressure	3 N
Weight (without cable)	150 g (5.29 oz)
Temperature range operation	- 15 °C to + 55 °C
storage	- 55 °C to + 55 °C

Microphone type MD 46-413

Transducer principle	dynamic microphone, noise-compensating
Frequency response	100 – 12,000 Hz
Output voltage	0.5 mV/Pa
Min. terminating impedance	200 V

Features

- Extremely lightweight
- Extremely comfortable to wear due to the patented two-piece automatic headband and soft ear pads
- ActiveGard™ automatically lowers the volume of unacceptably loud sounds
- “Flip-away” headphone allows single-sided listening
- Flexible microphone boom, can be worn on either left or right-hand side
- Noise-compensating microphone ensures excellent speech transmission
- Single-sided cable, easy to exchange
- HMD 46-3PTT-x: PTT button integrated in the cable

Product Variants

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| ■ HMD 46-3-6
Headset, cable with open ends | Cat. No. 500466 |
| ■ HMD 46-3
as HMD 46-3-6, but without cable | Cat. No. 500849 |
| ■ Cable -6, connection cable with open ends | Cat. No. 500836 |
| ■ Cable -PTT-6, connection cable with PTT, open ends | Cat. No. 500844 |
| ■ Cable -PTT-L, connection cable with PTT and Lemo connector 3S-310.CLA252A | Cat. No. 500845 |