

HME 45

Headsets | Pilot's Headsets with passive Noise Cancellation

General Description

The HME 45 is a boomset for use in aircraft cockpits.



Features

- Very lightweight
- Two-piece adjustable headband ensures excellent comfort
- Robust
- Excellent transmission of speech due to noise-compensated condenser microphone
- Flexible mic boom, can be worn on either left or right-hand side
- Single-sided cable
- FAA and JAA TSO approval C 57 a and C 58 a
- Delivery includes: 1 HME 45-CA or 1 HME 45-KA
 - 1 MZW 45 wind and pop screen
 - 1 MZQ 2002-1 cable clip
 - 1 pouch

Recommended Accessories

- HZH 60 hygiene pads (100 pairs) Cat. No. 003553
- HZP 45 comfort hygiene pads Cat. No. 092592

Replacement Parts

- Ear pads (1 pair) Cat. No. 046581

Product Variants

- HME 45-CA Cat. No. 004496
- HME 45-KA Cat. No. 004495

Technical Data

Headphones

Transducer principle.....	dynamic
Ear coupling	supra-aural, open
Frequency response	20 – 18,000 Hz
Characteristic SPL	102 dB ± 3 dB at 1 kHz, 1 mW
Nominal impedance	600 Ω (2 x 1,200 Ω in parallel)
Load rating.....	100 mW
THD	< 1 %
Contact pressure	appx. 1.6 N
Weight (without cable)	appx. 140 g (4.94 oz)

Microphone incl. Preamplifier

Type.....	MKE 45-1
Transducer principle.....	noise-compensated condenser mic capsule
Frequency response	300 – 5,000 Hz (as per RTCA/DO 214)
Output voltage (1 kHz)	400 mV ± 3 dB at 114 dB at a distance of 6 mm (0.24") (as per RTCA/DO 214)
Min. terminating impedance	150 Ω
Operating voltage.....	8 – 16 V DC, 8 – 25 mA (as per RTCA/DO 214)

Connections

Connection cable.....	1.8 m (5.91 ft), single-sided round cable
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Connectors

-CA	XLR-5
-KA	
Headphones	1/4" stereo jack, Ø 6.3 mm (1/4") (converted to mono)
Microphone.....	PJ-068, Ø 5.25 mm (0.21")