

Sound Of Silence

Aviation Headsets | Pilot's headset with Noise Cancellation

HMEC-26

General Description

The HMEC26 is lightweight and features a very high wearing comfort. The dynamic and closed headphones provide perfect noise cancellation attenuation and ensure superior audio quality. The noise compensating microphone performs extraordinary speech intelligibility. HMEC 26 is the successor of the well known HMEC 25 and is The perfect choice for airline cockpit or business aviation cockpit. It is also Suitable for General Aviation. Suitable for general Aviation.

NoiseGard™



Technical Data Headphone

Transducer principle.....dynamic, closed
(Headphones)

Ear coupling.....supra-aural

Frequency response.....20Hz ~ 14.000Hz

Impedance.....600Ohm mono / 1.200Ohm
stereo Terminating Impedance)

Characteristic SPL.....92 dB SPL at 1 kHz, 1 mW. Mono:
HMEC26-2

Characteristic SPL (1kHz, 1mW).....95dB SPL at 1 kHz, 1V

Max. Sound pressure level.....120 dB at 1 kHz
(active)

Noise compensation.....> 18dB (100 ~ 300 Hz)
(active)

Attenuation15 ~ 30 dB

Contact pressure.....approx. 3.9 II

Transducer principle.....MKE 46 pre-polarized
(Microphone) condenser microphone

Frequency response......100 ~ 6.000 Hz

Output voltage......17 ~ 100 mV/Pa
adjustable, 800mV - 2dB at 114 dB SPL / 80mV/Pa
-2dB (factory present)

Impedance......150 - 2.200 Ohm

Operating voltage......8 ~ 16 VDC
(stand alone)

Operating temperature...-15c...+55c

Storage temperature.....-55c...+70c

Weight w/o cable.....approx. 210g

Features

- Lightweight
- Superb wearing comfort due to patent pending two-piece automatic headband and soft ear pads
- Flip-away headphone allows single-sided listening
- Flexible microphone boom, can be worn on either left or right-hand side
- Noise-compensating condenser microphone with integrated pop noise reduction ensure excellent speech transmission
- Single-sided cable, length 1.85m (6.07 ft), easy to exchange
- With volume control
- Volume peaks above 100db are eliminated
- ETSO C57a / C58a approval, TSO-C139 approval
- Delivery include: 1 HMEC 26, 1 Carrying bag of headset, 1 cable clip, 1 wind and pop screen, user manual, EASA Form 1

★★ **SPECIAL PROMOTION** ★★

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Model no. and Price:

Model	Part Number	Description	Price (US Dollar)
HMEC26-2-1-BV-K-2	026-30-2-999-11E1	Headset with 2x connectors, microphone sensitivity 60mV/Pa, NoiseGard power from 2x AA batteries, enhanced SPL, volume control, audio-in and cell-phone-in.	\$800.00
HMEC26-2-1-B-K-2	026-30-2-999-11G1	Headset with 2x connectors, microphone sensitivity 60mV/Pa, NoiseGard power from 2x AA batteries, enhanced SPL.	\$710.00
HMEC26-2-1-KP-2	026-30-2-999-31C1	Headset with 2x connectors, microphone sensitivity 60mV/Pa, NoiseGard power from aircraft, enhanced SPL.	\$700.00
HMEC26-2-KP	025-35-2-999-3111	Headset with 2x connectors, microphone sensitivity 80mV/Pa, NoiseGard power from aircraft.	\$700.00
HMEC26-2-1-CP-2	026-30-2-999-32C1	Headset with XLR-5 connector, microphone sensitivity 60mV/Pa, NoiseGard power from aircraft.	\$700.00
HMEC26-2-CP	026-30-2-999-3211	Headset with XLR-5 connector, microphone sensitivity 80mV/Pa, NoiseGard power from aircraft.	\$700.00
HMEC26-2-T	026-CO-2	Headset with Talk-Through-Function, without cable, microphone sensitivity 60mV/Pa.	\$580.00
HMEC26-2-1	026-30-2	Headset without cable, microphone sensitivity 60mV/Pa.	\$570.00
HMEC26-2	026-35-2	Headset without cable, microphone sensitivity 80mV/Pa.	\$570.00

Please Contact:



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Aviation Headsets | Pilot's headset with Noise Cancellation

HMEC-46-1

General Description

These boomsets successfully combine proven functionality with the latest audio technology and maximum user comfort. The lightweight headsets are ergonomically designed with a two-piece headband to ensure a secure fix, extremely comfortable ear pads and a flip-away headphone system enabling easy and clear communication in the cockpit.

The NoiseGard system is designed to provide hearing protection by reducing high-level continuous noise in flight—such as that emanating from slipstream and engines—by approximately 50%. Furthermore, the HMEC-46 incorporates peak level protection. This is an innovative technology that delivers reliable protection from excessive volume peaks of more than 110dB to the pilot. Such values can be easily occurring during contact with air traffic control.



Features

- Extremely Lightweight
- Superb wearing comfort due to patent pending two-piece automatic headband and soft ear pads
- Flip-away headphone allows single-sided listening
- Flexible microphone boom, can be worn on either left or right-hand side
- Noise-compensating condenser microphone with integrated pop noise reduction ensure excellent speech transmission
- Single-sided cable, length 1.85m (6.07 ft), easy to exchange
- With volume control
- Volume peaks above 110db are eliminated
- ETSO C57a / C58a approval, TSO-C139 approval
- Delivery include: 1 HMEC 46, 1 Carrying bag of headset, 1 cable clip, 1 wind and pop screen, user manual, EASA Form 1

NoiseGard™



Technical Data Headphone

Transducer principle.....	dynamic (Headphones)
Ear coupling.....	supra-aural, open
Frequency response.....	.12Hz ~ 14000Hz
Nominal Impedance.....	.600 Ohm mono / (active / passive).....1200 Ohm stereo
Characteristic SPL.....	.93 dB SPL (1 kHz, 1 mW) 95dB SPL at 1 kHz, 1V
Noise compensation.....	> 15dB (300 ~ 700 Hz) (active)
THD, total harmonic.....	<1% at 1 kHz, 90 dB SPL) Distortion
Contact pressure.....	approx. 3N
Transducer principle.....	MKE 46 pre-polarized (microphone) condenser microphone
Frequency response.....	.350 ~ 6000Hz (microphone)
Output voltage.....	.17 ~ 100 mV/Pa adjustable, 800mV - 2dB at 114 dB SPL / 80mV/Pa -2dB (factory present)
Operating voltage.....	.8 ~ 16 VDC (stand alone)
Connection cable.....	single-sided round cable, length 1.8m
Weight w/o cable.....	approx. 150g

★★ **SPECIAL PROMOTION** ★★

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Model no. and Price:

Model	Part Number	Description	Price (US Dollar)
HME46-K	046-55-999-0131	Passive headset came with jack plugs.	\$ 375.00
HME46-C	046-55-999-0231	Passive headset came with XLR-5 connector.	\$ 375.00
HMEC 46-1-CP	046-35-1-999-3211	With XLR-5 connector, NoiseGard power supply from aircraft DC power supply system.	\$ 590.00
HMEC46-1-B-CP	046-35-1-999-22G1	With XLR-5 connector, NoiseGard power supply from batteries or aircraft DC power supply system.	\$605.00
HMEC46-1-BV-CP	TBA	With XLR-5 connector and volume control, NoiseGard power supply from batteries or aircraft DC power supply system.	CALL
HMEC46-1-KP	046-35-1-999-31C1	With jack plugs, NoiseGard power supply from aircraft DC power supply system.	\$ 590.00
HMEC46-1-B-K	046-35-1-999-1191	With jack plugs, NoiseGard power supply from batteries.	\$ 570.00
HMEC46-1-BV-K	046-35-1-999-1171	With jack plugs and volume control, NoiseGard power supply from batteries, audio-in and cellphone-in.	\$ 660.00

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