

COMMAND 46 Series

HMD 46-3-II
HMD 46-31-II
HME 46-3-II
HME 46-31-II
HME 46-3S-II

Focused and in control

Ensure consistent, reliable communication and all-day comfort with a lightweight headset designed to keep you in complete control in demanding sound environments. The noise-cancelling microphone filters out background noise and delivers optimal speech clarity perfect for ATC and C3 use.

Your comfort is prioritized with a patented design for a personalized fit. Stay aware of your surroundings with a flip away headphone for single-sided listening. Customize further with a flexible microphone boom that allows for left or right sided use. Protect your hearing from sudden sound bursts on the line with EPOS ActiveGard® – a unique technology that protects while preventing communication drop-out. With the possibility of multi-channel communication, this headset delivers consistent operational excellence and guarantees your optimal performance.

See more at eposaudio.com/command-hmx46



Key benefits & features

Consistent, reliable communication with EPOS Voice™ technology

Voice enhancing technology with noise-cancelling microphone delivers perfect voice transmission and reception for listeners

Supreme compatibility with all ATC and C3 applications

Works for every application with a choice of electret/dynamic microphone, and single sided or double sided earcup model

Multitask with two channel stereo application

Enabling multi-channel communication so you can switch between different calls

Protect your hearing with EPOS ActiveGard®

Guards against acoustic injury caused by sudden sound bursts on the line without risk of communication drop-out

Exceptional all-day comfort

Extremely lightweight design consists of; patented two-piece split headband and soft, acoustic foam ear pads

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Product data

Product	HMD 46-3-II	HMD 46-31-II	HME 46-3-II	HME 46-31-II	HME 46-3S-II
Art. no.	1000250	1000252	1000249	1000251	1000248
EAN code	57 14708 00051 8	57 14708 00053 2	57 14708 00050 1	57 14708 00052 5	57 14708 00049 5
UPC code	8 40064 40051 0	8 40064 40053 4	8 40064 40050 3	8 40064 40052 7	8 40064 40049 7
General					
Wearing style	Headband, double-sided	Headband, double-sided	Headband, double-sided	Headband, double-sided	Headband, single-sided
Contact pressure	2.7 N	2.7 N	2.7 N	2.7 N	3.7 N
Ear coupling	Supra-aural (On Ear)				
Weight of headset	150 g / 5.29 oz	110 g / 3.88 oz			
Storage temperature	-55 °C - +70 °C				
Operating temperature	-15 °C - +55 °C				
Warranty	2 years				
Headphones					
Sound pressure level:					
dB SPL @ 1 KHz, 0.5 V	94	97	94	97	94
dB SPL @ 1 KHz, 1 mW	95	95	95	95	95
dB SPL @ 1 KHz, 1V	86	103	86	103	86
Max SPL* [dB]	105	110	105	110	105
THD, total harmonic distortion at 95 dB SPL at 1 kHz	< 1 %	< 1 %	< 1 %	< 1 %	< 1 % at 98 dB SPL
Frequency response	20-14,000 Hz				
Impedance	300 Ω				

* Limited by EPOS ActiveGard®

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Microphone	HMD 46-3-II	HMD 46-31-II	HME 46-3-II	HME 46-31-II	HME 46-3S-II
Microphone type	Dynamic, BMD-46-413	Dynamic, BMD-46-413	Electret, BKE 46	Electret, BKE 46	Electret, BKE 46
Sensitivity	-66 dB re 1V, +/- 3 dB	-66 dB re 1V, +/- 3 dB	-22 dB re 1V, +/- 1 dB	-22 dB re 1V, +/- 1 dB	-22 dB re 1V, +/- 1 dB
Pick-up pattern	Noise-cancelling, uni-directional	Noise-cancelling, uni-directional	Noise-cancelling, bi-directional	Noise-cancelling, bi-directional	Noise-cancelling, bi-directional
Supply voltage	N/A	N/A	8-16 VDC	8-16 VDC	8-16 VDC
Frequency response	100-12,000 Hz	100-12,000 Hz	100-15,000 Hz	100-15,000 Hz	100-15,000 Hz
Output voltage	0.5 mV/Pa	0.5 mV/Pa	Adjustable: 17 - 100 mV/Pa Factory preset: 80 mV/Pa, +0/-2 dB, equivalent to 800 mV at 114 dB SPL	Adjustable: 17 - 100 mV/Pa Factory preset: 80 mV/Pa, +0/-2 dB, equivalent to 800 mV at 114 dB SPL	Adjustable: 17 - 100 mV/Pa Factory preset: 80 mV/Pa, +0/-2 dB, equivalent to 800 mV at 114 dB SPL
Impedance	200 Ω	200 Ω	N/A	N/A	N/A
Recommended load resistance	N/A	N/A	150-2,200 Ω	150-2,200 Ω	150-2,200 Ω

Headphones

Sound pressure level:					
dB SPL @ 1 KHz, 0.5 V	94	97	94	97	94
dB SPL @ 1 KHz, 1 mW	95	95	95	95	95
dB SPL @ 1 KHz, 1V	86	103	86	103	86
Max SPL* [dB]	105	110	105	110	105
THD, total harmonic distortion at 95 dB SPL at 1 kHz	< 1 %	< 1 %	< 1 %	< 1 %	< 1% at 98 dB SPL
Frequency response	20-14,000 Hz				
Impedance	300 Ω				

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Packaging	HMD 46-3-II	HMD 46-31-II	HME 46-3-II	HME 46-31-II	HME 46-3S-II
Dimension of product packaging (W x H x D)	185 x 80 x 205 mm 7.28 x 3.15 x 8.07 in	185 x 80 x 205 mm 7.28 x 3.15 x 8.07 in	185 x 80 x 205 mm 7.28 x 3.15 x 8.07 in	185 x 80 x 205 mm 7.28 x 3.15 x 8.07 in	185 x 80 x 205 mm 7.28 x 3.15 x 8.07 in
Package weight (incl. complete product and packaging)	249 g / 8.78 oz	249 g / 8.78 oz	263 g / 9.28 oz	261 g / 9.21 oz	219 g / 7.72 oz
Units in distributor master carton	10	10	10	10	10
Master carton weight incl. products	3.46 kg / 7.63 lbs	3.46 kg / 7.63 lbs	3.61 kg / 7.96 lbs	3.59 kg / 7.91 lbs	3.12 kg / 6.99 lbs
Dimension of master carton (W x H x D)	386 x 428 x 232 mm 15.20 x 16.85 x 9.13 in	386 x 428 x 232 mm 15.20 x 16.85 x 9.13 in	386 x 428 x 232 mm 15.20 x 16.85 x 9.13 in	386 x 428 x 232 mm 15.20 x 16.85 x 9.13 in	386 x 428 x 232 mm 15.20 x 16.85 x 9.13 in
Unit pack/end user	1	1	1	1	1

Content of delivery

Box content	Headset, cable clip, wind and pop screen, safety guide, quick guide
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