

Product datasheet earmuff
uvex K-series10
Earmuffs for mounting on helmet



K10H



K30H



K20H

PPE category III - harmful noise

Product Characteristics:

- Earmuffs for mounting on safety helmets with 30mm Euroslot
- Dielectric version
- Continuous length adjustment for an ideal wearing position
- Acoustic decoupling through rubber-mounted capsules
- Color coding for easy selection and identification of hearing protection levels
- Sealing cushion made of memory foam for good sealing with high wearing comfort
- Exchangeable capsule pads for high hygiene standards
- Optimal capsule geometry for pressure-free enclosure of the outer ear
- 360° Rotation for standby and resting positions
- Customisation, all uvex earmuffs can be printed with your company logo.

Standard requirement and approval:

The uvex K-Series earmuffs are CE approved, comply with the harmonized standard EN 352-1:2020, ANSI S-3.19-1974, CSA Z94.2-02 and AS/NZS 1270:2002 and meet the requirements of Regulation 2016/425.

The PPE is subject to the following conformity assessment procedures: Conformity to type based on quality assurance related to the production process (module D) and monitoring by:

BSI Group The Netherlands B.V.
Say Building, John M. Keynesplein 9
1066 EP, Amsterdam
Netherlands
Notified body No. 2797

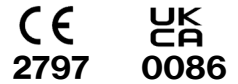
The applicable jurisdiction can be found in the Declaration of Conformity here:
uvex-safety.com/ce

Materials:

Capsules:	ABS
Helmet connection:	ABS
Sealing cushion:	PVC / PE memory foam
Foam inserts:	PE

Technical data

Tested according to European Standard EN 352-1:2020



uvex K10H

SNR: 28dB

HML: 34dB – 26dB – 18dB

Weight: 216g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. dB	16.4	12.9	18.7	27.1	34.4	36.5	38.3	37.5	36.4	28.3	20.0	30.5
Std. dev. dB	3.7	2.3	2.9	3.7	3.1	3.9	4.0	4.8	2.8	2.9	2.10	2.2
APV	12.6	10.6	15.8	23.4	31.3	32.6	34.3	32.7	34	26	18	28

uvex K20H

SNR: 30dB

HML: 34dB – 28dB – 20dB

Weight: 263g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. dB	20.1	15.5	22.1	28.2	36.4	37.1	37.8	36.1	36.8	30.5	23.0	32.6
Std. dev. dB	4.4	3.6	3.9	3.0	4.4	3.9	4.2	3.8	3.2	2.9	3.3	2.8
APV	15.8	12.0	18.2	25.2	32.1	33.2	33.5	32.3	34	28	20	30

uvex K30H

SNR: 34dB

HML: 36dB – 32dB – 24dB

Weight: 420g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. dB	24.3	20.0	26.7	33.3	39.4	37.1	41.3	39.2	38.3	34.3	27.5	36.0
Std. dev. dB	5.0	4.0	3.4	3.4	4.2	2.7	3.6	4.1	2.1	2.5	3.4	2.2
APV	19.3	16.1	23.3	29.8	35.2	34.4	37.7	35.1	36	32	24	34.0

Tested according to Australian Standard AS/NZS 1270:2002



AS/NZS 1270
Lic. 41199
SAI Global

uvex K10H

SLC80: 18dB Class 3 Clamping force: 9.8N, 9.8N, 9.8N Weight: 216g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	7.3	8.7	16.1	27.4	30.6	29.1	30.7
Std. dev. dB	4.6	5.3	5.7	6.2	5.1	5.9	7.9
APV	2.7	3.4	10.4	21.2	25.5	23.2	22.8

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SLC80: 20dB Class 3 Clamping force: 9.8N, 9.8N, 9.8N Weight: 263g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	7.9	10.3	18.3	29.3	31.7	28.8	29.4
Std. dev. dB	5.6	4.4	5.4	6.6	3.8	5.0	6.8
APV	2.3	5.9	12.9	22.7	27.9	23.8	22.6

Hearing protector class 3 tested to AS/NZS 1270. When selected, used and maintained as specified in AS/NZS 1269, this protector may be used in noise up to 100dB(A) assuming an 85 dB(A) criterion. A lower criterion may require a higher protector class.

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SLC80: 23dB Class 4 Clamping force: 11.1N, 11.1N, 11.1N Weight: 420g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	11.0	13.6	23.3	33.3	32.5	32.9	30.5
Std. dev. dB	7.3	5.7	6.0	5.9	4.5	5.9	8.9
APV	3.7	7.9	17.3	27.4	28.0	27.0	21.6

Hearing protector class 4 tested to AS/NZS 1270. When selected, used and maintained as specified in AS/NZS 1269, this protector may be used in noise up to 105dB(A) assuming an 85 dB(A) criterion. A lower criterion may require a higher protector class.

Tested according to American Standard ANSI S-3.19-1974

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NRR: 22dB CSA Class B Headband Force: lbs. 2.2 Weight: 216g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	14.6	18.0	25.1	32.6	35.6	35.5	37.2
Std. dev. dB	2.8	2.3	2.5	3.2	3.3	3.5	4.0

uvex K20H

NRR: 24dB CSA Class A Headband Force: lbs. 2.2 Weight: 263g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	17.6	21.2	27.0	36.4	36.9	36.0	35.4
Std. dev. dB	2.6	2.1	2.6	4.1	2.4	2.3	3.3

uvex K30H

NRR: 26dB CSA Class AL Headband Force: lbs. 2.5 Weight: 420g

Freq. Hz	125	250	500	1000	2000	4000	8000
Mean att. dB	22.1	23.9	29.8	39.4	36.3	37.6	36.5
Std. dev. dB	2.7	2.5	3.0	3.5	3.2	2.6	4.2

Test Institute, Michael & Associates, Inc., 2766 W. College Ave Suite 1, State College, PA 16801

- Freq. - Frequency
- Mean att. - Mean value of attenuation
- Std. dev. - Standard deviation
- APV - Assumed protective effect
- SNR - Attenuation value according to single number rating
- H - attenuation value at high frequencies
- M - attenuation value at medium frequencies
- L - attenuation value at low frequencies

Variants/Color:

Article-Nr.	Description	Colour	Packaging unit
2630210	uvex K10H	black shiny / green	1 piece
2630220	uvex K20H	black shiny / yellow	1 piece
2630230	uvex K30H	black shiny / red	1 piece

Accessories:

Article-Nr.	Description	Packaging unit
2599971	Hygiene-Kit	1 set
2599978	Comfort pads	10 pads per bag

Storage:

Storage location, in original packaging, dry, clean, protected from light, UV and heat. UV and heat protected in the temperature range -10°to 55 °C, humidity max. 85%. Storage period 5 years, from date of manufacture. Date of manufacture see product or packaging. Make sure that during storage the stirrup is not stretched and the sealing pads are not compressed.

Useful life:

Service life 5 years, from date of manufacture. Recommendation Regular replacement of the sealing pads extends the service life. Dispose of the product after expiry or immediately if it is damaged or can no longer be cleaned.

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