



KASK SC1, SC2, SC3 Hearing Protectors Instruction Manual

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KASK

KASK SC1, SC2, SC3 Hearing Protectors



Product Information:

All the hearing protectors included in this instruction sheet are equipped with spring-arms and foam plastic filled cushions. These hearing protectors are designed to protect the wearer from hazardous noise levels when fitted according to the provided user instructions. Any other uses are not intended and therefore not allowed.

Approval and technical data:

- C4) Tested and certified to (standards)
- C5) Weight
- C6) Mean attenuation
- C7) Standard deviation
- C8) Assumed Protection Value
- C9) Tested and certified by (notified body)

Approved helmet combinations:

D1) Manufacturer	D2) Model	D3) Adapter
Manufacturer Name	Model Name	Adapter Name

Product Usage Instructions:

1. Brush away all hair from the ears.
2. Place the hearing protectors over the ears so that they fit comfortably and snugly.
3. Ensure that the ears are completely enclosed by the hearing protectors and that you have even pressure around the ears.
4. Push the hearing protector's helmet attachment into the helmet slot until it locks into position.
5. Place the hearing protectors over the ears and press inwards until you hear a click.
6. Adjust the hearing protectors and helmet so that they fit comfortably on your head.
7. To change the hygiene kit:
 1. Remove the old sound-absorbing foam and insert the new one.
 2. Pull off the old ear cushion.
 3. Center the new ear cushion over the hole.
 4. Press with a finger along the outside of the ear cushion until it attaches all around the edges.

USER MANUAL

All the hearing protectors which are included in this instruction sheet are equipped with or spring-arms, and foam plastic-filled cushions. This hearing protector is intended to protect the wearer from hazardous noise levels when fitted in accordance with these user instructions. Any other uses are not intended and therefore not allowed. Hereby, KASK S.p.a. declares that the hearing protector SC is in compliance with the PPE regulation EU 2016/425 and other appropriate directives to fulfill the requirements of CE marking. The full text of the EU Declaration of Conformity is available at the following internet address: www.kask.com For the manufacturing date, see the date clock on the inside of the ear cup. The expected lifetime of a product is 5 years.

Warning!

It is important that the instructions for use are followed. Failure to do so could result in a drastic reduction in the noise attenuation and may lead to serious injury.

Carefully read these user instructions!

- The hearing protector must be used at all times in noisy environments to provide the full protection effect! Only

100% wear time provides full protection.

- The audibility of warning signals at a specific workplace may be impaired if over protected, when using a hearing protector with a too high noise attenuation performance in relation to the noise environment.
- Certain chemical substances can have a destructive effect on this product. More information is available from the manufacturer.
- Ensure that the hearing protectors are regularly inspected for serviceability.
- The hearing protector's noise attenuating properties can dramatically decrease with usage of for example thick spectacle frames, ski masks/balaclavas, etc.
- Use of perspiration/hygienic protection over the sealing rings can reduce the hearing protector's noise attenuation properties.
- Earmuffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for cracking and leakage.
- Immediately discard the product if showing signs of cracks or damage.
- Hygiene kit should be changed at least twice per year. Make sure you choose the correct hygiene kit for your hearing protector.
- Clean the product with mild soap. You must be sure that the detergent you usedoes not irritate the skin. Do not dip the product in water.
- The hearing protector must be stored in a dry and clean environment out of direct sun light, e.g. in its original packaging.

Fitting & adjustment

Brush away all hair from the ears and place the hearing protectors over the ears so that they fit comfortably and snugly. Ensure that the ears are completely enclosed by the hearing protectors and that you have even pressure around the ears.

Helmet/Cap mount (A)

Push the hearing protector's helmet attachment into the helmet slot until it locks into position. Place the hearing protectors over the ears and press inwards until you hear a click. Adjust the hearing protectors and helmet so that they fit comfortably on your head.

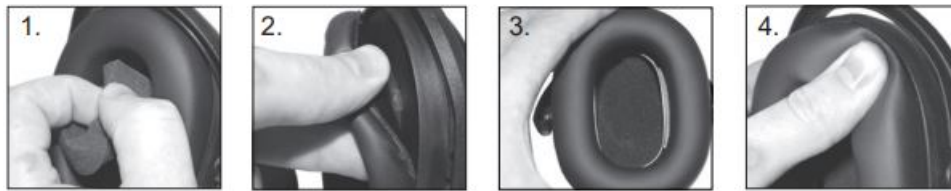
A. Fitting & adjustment



Change of hygiene kit (B)

1. Remove the old sound-absorbing foam and insert the new.
2. Pull off the old ear cushion.
3. Centre the new ear cushion over the hole.
4. Press with a finger along the outside of the ear cushion until it attaches all around the edges.

B. Hygiene kit replacement



Approval and technical data (C)

- C4) Tested and certified to (standards)
- C5) Weight
- C6) Mean attenuation
- C7) Standard deviation
- C8) Assumed Protection Value
- C9) Tested and certified by (notified body)

C1. PLASMA, SUPERPLASMA, HP, ZENITH X: Approval and technical data

SC1

EN 352-3:2020^{C4}, Weight:^{C5} 250 g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. ^{C6}	15,0	15,0	14,7	24,7	33,1	26,8	32,2	34,6	29,3	25,0	18,4	26,9
Std. dev. ^{C7}	4,2	3,1	2,9	2,9	3,2	2,7	2,8	3,7	2,4	2,0	2,6	1,8
APV ^{C8}	10,8	11,9	11,8	21,8	29,9	24,1	29,4	30,9	27dB	23dB	16dB	25dB

SC2

EN 352-3:2020^{C4}, Weight:^{C5} 271 g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. ^{C6}	15,0	15,0	21,0	28,1	35,3	34,0	34,0	37,3	34,2	29,5	22,2	31,1
Std. dev. ^{C7}	4,1	2,6	3,1	3,5	4,0	3,8	4,5	4,4	3,4	2,5	2,5	2,3
APV ^{C8}	10,9	12,4	17,9	24,6	31,3	30,2	29,5	32,9	31dB	27dB	20dB	29dB

SC3

EN 352-3:2020^{C4}, Weight:^{C5} 300 g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. ^{C6}	16,4	17,7	23,5	31,8	41,6	36,4	34,2	35,2	35,1	32,0	24,6	32,9
Std. dev. ^{C7}	4,3	3,3	4,2	3,5	3,4	3,8	3,9	5,7	3,6	2,5	3,2	2,3
APV ^{C8}	12,1	14,4	19,3	28,3	38,2	32,6	30,3	29,5	32dB	30dB	21dB	31dB

Certification and Monitoring:

PZT GmbH, Bismarckstrasse 264 B, 26389 Wilhelmshaven, Germany

Notified by ZLS, Notified Body: 1974^{C9}

UK Approved Body, SATRA Technology Center Limited, 0321

C2. ZENITH: Approval and technical data

SC1

EN 352-3:2020^{C4}, Weight:^{C5} 250 g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. ^{C6}	12,8	10,7	12,9	18,9	28,6	31,0	32,4	33,5	30,4	22,1	15,5	24,7
Std. dev. ^{C7}	4,5	3,0	2,9	1,9	3,1	4,2	3,4	4,3	2,1	1,6	2,2	1,6
APV ^{C8}	8,3	7,7	10,0	17,0	25,5	26,8	29,0	29,2	28dB	21dB	13dB	23dB

SC2

EN 352-3:2020^{C4}, Weight: 2^{C5} 271 g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. ^{C6}	14,0	14,2	19,3	25,1	34,0	34,9	32,6	33,5	33,2	27,8	20,8	29,5
Std. dev. ^{C7}	2,8	4,2	2,0	2,0	2,9	3,3	3,7	6,5	3,6	1,8	2,9	2,3
APV ^{C8}	11,2	10,0	17,3	23,1	31,1	31,6	28,9	27,0	30dB	26dB	18dB	27dB

SC3

EN 352-3:2020^{C4}, Weight:^{C5} 300 g

Freq. Hz	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean att. ^{C6}	14,1	15,9	22,0	26,8	36,4	32,4	32,8	34,7	32,8	29,4	22,8	30,8
Std. dev. ^{C7}	3,2	4,6	3,0	2,4	4,2	3,4	3,7	4,9	2,9	2,3	3,1	2,4
APV ^{C8}	10,9	11,3	19,0	24,4	32,2	29,0	29,1	29,8	30dB	27dB	20dB	28dB

Certification and Monitoring:

PZT GmbH, Bismarckstrasse 264 B, 26389 Wilhelmshaven, Germany

Notified by ZLS, Notified Body: 1974^{C9}

UK Approved Body, SATRA Technology Center Limited, 0321

C3. ANSI Approval and technical data

SC1

ANSI S-3.19-1974^{C4}, Weight:^{C5} 8.8 oz

Freq. Hz	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA
Mean att. ^{C6}	14.0	17.6	25.9	36.1	32.8	34.6	34.6	35.3	36.8	22dB	B
St. dev. ^{C7}	2.5	2.0	2.7	3.5	2.7	3.3	2.5	4.0	4.3		

SC2

ANSI S-3.19-1974^{C4}, Weight:^{C5} 9.5 oz

Freq. Hz	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA
Mean att. ^{C6}	15.7	20.7	28.8	36.9	35.2	37.0	37.8	39.6	38.6	24dB	A
St. dev. ^{C7}	2.8	2.1	3.0	2.9	3.2	3.4	2.2	2.4	2.8		

SC3

ANSI S-3.19-1974^{C4}, Weight:^{C5} 10.6 oz

Freq. Hz	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA
Mean att. ^{C6}	19.4	23.6	33.5	37.9	36.5	35.0	39.4	39.2	39.6	27dB	A
St. dev. ^{C7}	2.9	2.1	1.9	4.3	2.1	3.3	2.8	2.6	2.4		

Michael & Associates, Inc., State College, PA, USA

Accredited by National Institute of Standards and Technology (NIST)

National Voluntary Laboratory Accreditation Program (NVLAP)^{C9}

Approved helmet combinations (D)

These earmuffs should be fitted to, and used only with the industrial safety helmets listed in table D.

- D1) Manufacturer
- D2) Model
- D3) Adapter

D. Approved KASK helmet combinations EN 352-3

These earmuffs should be fitted to, and used only with the following industrial safety helmets.

Manufacturer ^{D1}	Helmet model ^{D2}	Adapter ^{D3}	Size
KASK	Superplasma	30 mm	S,M,L
KASK	Plasma	30 mm	S,M,L
KASK	HP	30 mm	S,M,L
KASK	Zenith X	30 mm	M,L
KASK	Zenith	30 mm	M,L

Certification and Monitoring:

PZT GmbH, Bismarckstrasse 264 B, 26389 Wilhelmshaven, Germany

Notified by ZLS, Notified Body: 1974

Earmuffs complying with EN 352-3 are of the medium size range or small size range or large size range. Medium-size range earmuffs will fit the majority of wearers. Small-size range or large-size range earmuffs are designed to fit wearers for whom medium-size range earmuffs are not suitable.

Accessories and spare parts

Hygiene kit SC1 & SC2: WAC00006

Hygiene kit SC3: WAC00007

Information required by E.P.A. (US)

The level of noise entering a person's ear, when a hearing protector is worn as directed, is closely approximated by the difference between the A weighted environmental noise level and the NRR. Example: The environmental noise level as measured at the ear is 92 dBA. The NRR is 25 decibels (dB). The level of noise entering the ear is approximately equal to 67 dB. Caution. For noise environments dominated by frequencies below 500 Hz the C-weighted environmental noise level shall be used.

Warning. Improper fit of this device will reduce its effectiveness in attenuating noise. Although hearing protectors can be recommended for protection against the harmful effects of impulse noise, the noise reduction rating (NRR) is based on the attenuation of continuous noise and may not be accurate indicator of the protection attainable against impulse noise such as gunfire.

UKCA


PPE regulation 2016/425 as brought into UK Law and amended.

Importer UK: AUTHORISED REP COMPLIANCE LTD., Arc House, Thurnham, Lancaster, LA2 0DT, UK

Approved Body UK: SATRA Technology Centre, Wyndham Way, Telford Way, Kettering, Northamptonshire, NN16 8SD, UK

UKCA declaration of conformity is available at: www.kask.com

Documents / Resources

	KASK SC1, SC2, SC3 Hearing Protectors [pdf] Instruction Manual SC1 SC2 SC3 Hearing Protectors, SC1, SC2, SC3, SC1 Hearing Protectors, SC2 Hearing Protectors, SC3 Hearing Protectors, Hearing Protectors, Protectors
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References

-  [Kask Sport](#)