



MAINTENANCE OF AURITECH CUSTOM FIT PROTECTORS

Auritech Custom Fit “Hard” Hearing Protectors are made of a high quality material named Fotoplast, which has been toughened by means of UV light.

The “Soft” Hearing Protectors are made of an extremely high quality medical-grade silicone material. Thanks to a special coating, Auritech Hearing Protectors are hypoallergenic and easy to clean.

Warning: Certain chemical substances may damage the product (further details are available from the manufacturer).

Clean your Hearing Protectors carefully once a week, using the Auritech Cleaning Kit or warm soapy water. Unhygienic use of earplugs may lead to infections of the ear.

Any cerumen (earwax) adhering to the Hearing Protectors can be removed easily with the cerumen stick supplied with the protectors. Store your Hearing Protectors when dry, in the case supplied.

INSTRUCTIONS FOR USE

A) Hearing Protectors with handle

To insert the Custom Fit Hearing Protectors, remove them from the package or case with clean hands. For correct insertion, hold the projection (handle) between your thumb and index finger and, with a light rotating movement, push the protector gently down the ear canal.

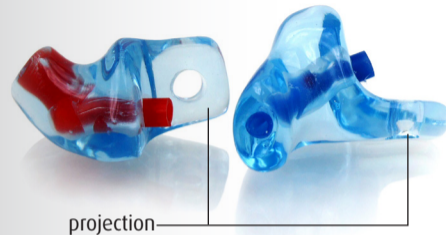
B) Hearing Protectors without handle

If the protector does not have a projection (handle), insert it into the ear canal with the notch pointing downward, then follow insertion method as under A) above.

Inserting the Custom Fit protector is easier if you pull your ear slightly backwards and upwards with one hand. Ease the protector into the ear canal with the other hand.

To aid recognition, the two protectors are colour-coded. The right protector has a red dot, the left one has a blue dot.

A) Custom Fit Hearing Protectors with Handle



B) Custom Fit Hearing Protectors without Handle



WARNING

Auritech Custom Fit Hearing Protectors can only function optimally if they are inserted into the ear correctly (as described previously) and if they are maintained on a regular basis.

You can only avoid hearing damage if you wear the Auritech protectors whenever you are exposed to noise.

If you do not comply with these instructions, the protective effect of the protectors may be, substantially reduced.

The manufacturer waives any liability under such circumstances.

Do not use protectors with a connection cord if there is any risk that the cord may be pulled or caught by moving parts.

Keep the protectors away from children and animals.

Ensure you continue to comply with the health and safety instructions which apply to your work environment or activity.

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| ATTENUATION - AURITECH CUSTOM FIT "HARD" PROTECTORS (OCTAVE BAND METHOD TABLE) | | | | | | | | | |
|--|---------|------|------|------|------|------|------|------|------|
| Frequency (Hz) | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| KS 1 Red | Mf/dB | 22,6 | 22,6 | 22,0 | 26,6 | 29,5 | 33,0 | 37,7 | 41,2 |
| | St/dB | 5,4 | 4,9 | 6,1 | 6,4 | 4,9 | 4,2 | 3,8 | 8,6 |
| | APVf/dB | 17,2 | 17,7 | 15,9 | 20,2 | 24,6 | 28,8 | 33,9 | 32,6 |
| KS 2 Blue | Mf/dB | 17,2 | 18,3 | 20,4 | 23,5 | 29,4 | 33,4 | 38,4 | 39,0 |
| | St/dB | 6,3 | 7,3 | 7,3 | 7,4 | 4,8 | 3,5 | 4,7 | 9,0 |
| | APVf/dB | 10,9 | 11,0 | 13,1 | 16,1 | 24,6 | 29,9 | 33,7 | 30,0 |
| KS 3 Green | Mf/dB | 18,4 | 17,7 | 19,4 | 22,6 | 27,1 | 32,6 | 37,1 | 39,4 |
| | St/dB | 6,0 | 4,2 | 5,1 | 7,3 | 4,7 | 6,0 | 5,5 | 5,4 |
| | APVf/dB | 12,4 | 13,5 | 14,3 | 15,3 | 22,4 | 26,6 | 31,6 | 34,0 |
| KS 4 Yellow | Mf/dB | 15,8 | 17,0 | 19,5 | 22,9 | 28,1 | 34,1 | 40,7 | 37,8 |
| | St/dB | 4,0 | 4,4 | 4,1 | 4,8 | 4,4 | 3,7 | 4,5 | 4,6 |
| | APVf/dB | 11,8 | 12,6 | 15,4 | 18,1 | 23,7 | 30,4 | 36,2 | 33,2 |
| KS 5 Black | Mf/dB | 14,3 | 15,2 | 17,0 | 19,9 | 25,4 | 32,5 | 37,5 | 35,8 |
| | St/dB | 5,7 | 5,5 | 5,9 | 6,4 | 5,3 | 5,9 | 4,8 | 7,7 |
| | APVf/dB | 8,6 | 9,7 | 11,1 | 13,5 | 20,1 | 26,6 | 32,7 | 28,1 |
| KS 6 Orange | Mf/dB | 14,7 | 15,3 | 17,8 | 20,8 | 25,7 | 32,1 | 36,9 | 37,1 |
| | St/dB | 5,1 | 4,5 | 4,5 | 5,0 | 4,9 | 5,5 | 4,3 | 6,0 |
| | APVf/dB | 9,6 | 10,8 | 13,3 | 15,8 | 20,8 | 26,6 | 32,6 | 31,1 |
| KS 7 Violet | Mf/dB | 10,9 | 11,6 | 13,0 | 18,5 | 25,0 | 31,9 | 37,4 | 35,3 |
| | St/dB | 3,2 | 2,5 | 2,7 | 3,4 | 4,7 | 4,5 | 5,0 | 7,2 |
| | APVf/dB | 7,7 | 9,1 | 10,3 | 15,1 | 20,3 | 27,4 | 32,4 | 28,1 |
| KS 8 Brown | Mf/dB | 9,9 | 10,7 | 13,3 | 17,7 | 24,7 | 32,8 | 37,2 | 35,4 |
| | St/dB | 3,8 | 3,1 | 4,3 | 3,2 | 3,1 | 3,3 | 3,2 | 4,3 |
| | APVf/dB | 6,1 | 7,6 | 9,0 | 14,5 | 21,6 | 29,5 | 34,0 | 31,1 |

| SNR TABLE - AURITECH CUSTOM FIT "HARD" PROTECTORS | | | | | |
|---|---------|---------|---------|-----|--|
| Filter | H-value | M-value | L-value | SNR | |
| Red | 30 | 23 | 19 | 27 | |
| Blue | 29 | 21 | 16 | 24 | |
| Green | 27 | 20 | 16 | 24 | |
| Yellow | 30 | 22 | 17 | 26 | |
| Black | 26 | 18 | 13 | 22 | |
| Orange | 27 | 20 | 15 | 23 | |
| Violet | 27 | 19 | 13 | 22 | |
| Brown | 28 | 18 | 12 | 22 | |



| ATTENUATION - AURITECH CUSTOM FIT "SOFT" PROTECTORS (OCTAVE BAND METHOD TABLE) | | | | | | | | | |
|--|---------|------|------|------|------|------|------|------|------|
| Frequency (Hz) | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| KS 1 Red | Mf/dB | 21,5 | 22,0 | 22,6 | 22,6 | 23,3 | 30,8 | 37,6 | 35,2 |
| | St/dB | 4,4 | 4,5 | 3,9 | 4,2 | 4,7 | 2,9 | 3,3 | 5,6 |
| | APVf/dB | 17,1 | 17,5 | 18,7 | 18,4 | 18,6 | 27,9 | 34,3 | 29,6 |
| KS 2 Blue | Mf/dB | 18,8 | 19,0 | 19,7 | 21,5 | 23,9 | 31,3 | 36,5 | 39,5 |
| | St/dB | 7,8 | 6,8 | 7,1 | 6,1 | 4,9 | 5,0 | 4,4 | 6,1 |
| | APVf/dB | 11,0 | 12,2 | 12,6 | 15,4 | 19,0 | 26,3 | 32,1 | 33,4 |
| KS 3 Green | Mf/dB | 17,6 | 18,1 | 20,2 | 20,8 | 22,8 | 30,5 | 37,1 | 36,0 |
| | St/dB | 5,1 | 3,8 | 4,0 | 5,0 | 4,3 | 4,1 | 4,4 | 6,3 |
| | APVf/dB | 12,5 | 14,3 | 16,2 | 15,8 | 18,5 | 26,4 | 32,7 | 29,7 |
| KS 4 Yellow | Mf/dB | 12,4 | 14,9 | 16,6 | 19,8 | 21,6 | 28,8 | 35,2 | 33,9 |
| | St/dB | 4,7 | 4,4 | 4,4 | 4,9 | 4,1 | 4,2 | 4,1 | 6,5 |
| | APVf/dB | 7,7 | 10,5 | 12,2 | 14,9 | 17,5 | 24,6 | 31,1 | 27,4 |
| KS 5 Black | Mf/dB | 11,7 | 13,0 | 14,7 | 17,7 | 21,4 | 28,9 | 35,7 | 35,3 |
| | St/dB | 5,3 | 5,4 | 5,4 | 5,5 | 4,6 | 4,8 | 4,1 | 4,6 |
| | APVf/dB | 6,4 | 7,6 | 9,3 | 12,2 | 16,8 | 24,1 | 31,6 | 30,7 |
| KS 6 Orange | Mf/dB | 11,3 | 13,2 | 15,3 | 18,5 | 21,5 | 28,2 | 33,1 | 33,6 |
| | St/dB | 4,2 | 4,7 | 4,6 | 4,7 | 3,7 | 5,2 | 4,3 | 5,0 |
| | APVf/dB | 7,1 | 8,5 | 10,7 | 13,8 | 17,8 | 23,0 | 28,8 | 28,6 |

| SNR TABLE - AURITECH CUSTOM FIT "SOFT" PROTECTORS | | | | | |
|---|---------|---------|---------|-----|--|
| Filter | H-value | M-value | L-value | SNR | |
| Red | 26 | 20 | 19 | 24 | |
| Blue | 26 | 19 | 15 | 22 | |
| Green | 26 | 19 | 17 | 23 | |
| Yellow | 24 | 18 | 14 | 21 | |
| Black | 24 | 16 | 12 | 20 | |
| Orange | 24 | 17 | 13 | 21 | |

KEY:

SNR Value = Single Number Rating value (number that can be subtracted from the measured noise level)

H-value = Protection value at high frequency

M-value = Protection value at middle frequency

L-value = Protection value at low frequency

Mf = Mean attenuation value (in dB)

Sf = Standard deviation (in dB)

APVf = Assumed protection value (in dB)



GUARANTEE, SERVICE & QUALITY

All Auritech Custom Fit Hearing Protectors are tested in accordance with EN 352-2:2002 by IFA/BGIA, D-53754 Sankt Augustin, Germany (CE0121). IFA/BGIA is The Institute for Occupational Safety & Health of German Social Accident Insurance.

2 year guarantee on attenuation and fit

European patents granted.



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INSTRUCTIONS FOR USE CUSTOM FIT HEARING PROTECTORS



PATENTED CERAMIC FILTER TECHNOLOGY