audifon
hearing systems

Solutions for better hearing audifon.com

audifon
hearing protection

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Perfect hearing protection in every situation

We want you to hear well in the future too.

This is why audifon offers you a wide range of protective systems for your ears. Whether you need it for your job, for recreation, for sporting activities, or when travelling, you'll find the perfect hearing protection to suit any situation and different noise levels. It may already be too late when you notice a loss of hearing. This is precisely why awareness of the risks of loud or constant noise levels is important.

It's often years before we realise what has happened.

Young people often don't realise that they are exceeding safe noise limits when they're enjoying their favourite music, either at a concert or through earphones direct into their ears. Hearing can also be damaged by other hobbies; motorsport, DIY, hunting or shooting are often accompanied by extreme noise pollution. Certain occupations are also exposed to above-average noise limits. During this exposure even a relatively brief but loud volume can cause as much damage as a longer-term noise pollution at a lower level.

Customised manufacture for optimum safety.

The best protection always fits perfectly in your ear. audifon therefore recommends customised hearing protection. Your acoustician or hearing aid specialist will take an impression of your ear and we will manufacture what is known as an otoplastic hearing protector. When combined with the noise filter chosen by you, we achieve the type of protection that meets your personal requirements. Many audifon hearing protection products are available in silicon or acrylic. Soft silicon fits gently into the ear canal, whilst hard acrylic is easy to clean and particularly hygienic.

The noisiness of our world

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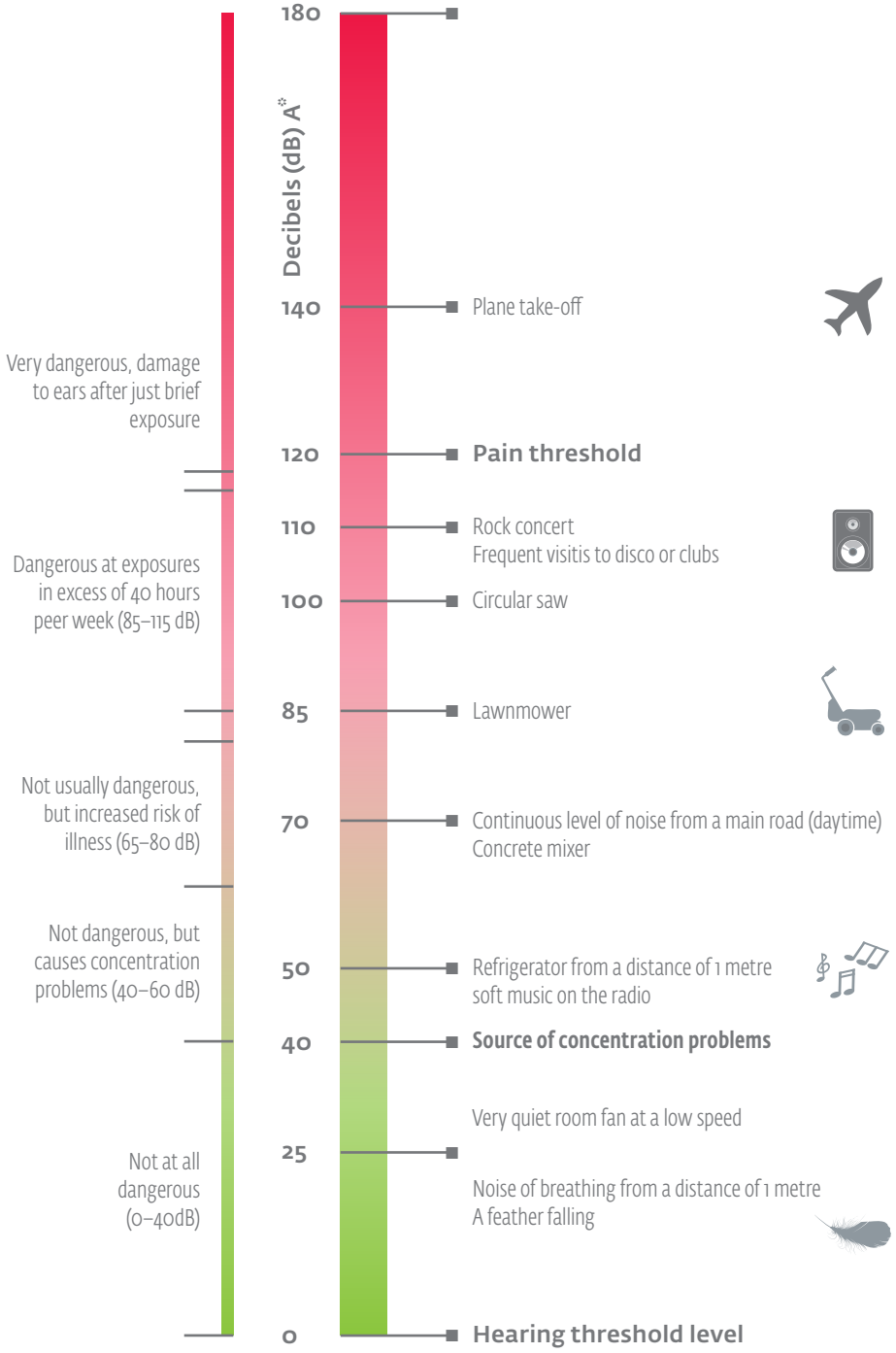

* Because construction, operating condition, distance from ear etc. significantly influence the noise level, the threshold values here are only intended as a guide.

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Leisure and music

Enjoy your hobby without restrictions, but with the best protection for your hearing.

ELACIN Hearing protection

Speech

	filter (optional)	damping values (dB) *	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Speech uses various filters to provide targeted hearing protection and simultaneously facilitate good communication. The wearer can hold conversations and hear warning signals.	RC13 white**	**15**	7.3	9.5	13.8	16.0	22.2	22.9	17.1
	RC15 beige	**17**	10.8	12.8	17.0	17.9	22.9	23.5	17.5
	RC17 grey	**18**	12.7	15.6	20.3	19.9	23.5	21.3	18.9
	RC18 brown	**19**	17.5	19.1	21.4	21.8	21.9	23.3	19.1
	RC19 black	**20**	22.4	23.9	23.7	22.5	22.1	20.4	26.2

ELACIN Hearing protection

Sound

Individually adapted hearing protection offers optimum sound fidelity across the entire frequency range.	ER9**	**10**	14.3	12.2	10.8	10.3	13.5	12.6	19.2
	ER15	**16**	17.5	17.6	18.0	16.3	17.3	15.8	20.8
	ER25	**23**	22.6	24.0	26.4	24.4	24.4	27.5	25.4

ER20 S

ER20 S consists of soft silicon plugs and is the standard sound hearing protection; available as ER20 SMC for small ear canals.	–	**16**	12.2	13.2	14.6	17.5	20.9	19.2	23.5

PartyPlug

PartyPlug protects from loud noise at parties and in discos. The high-quality standard hearnig protection is especially good at protecting sensitive young ears from later problems.	–	**17**	14.8	15.0	15.7	18.7	26.6	24.4	18.9

* Single Number Rating
** These filters do not meet European standard DIN EN 352-2 for hearing protection.

□ = Acrylic, hard ○ = Silicon, soft 👤 = Customised manufacture

Sleeping and travelling

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Absolute peace and quiet: restful sleep and perfect relaxation for home and away.

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	damping values (dB) *	filter (optional)		
										Silence**
23.7	24.7	21.8	22.8	32.3	37.9	36.7	**24**	–		Silence is silicon hearing protection, tailor-made to individuals, which fits the ear particularly well. The products offer an optimum seal and sit very comfortably. Silence is available in many attractive colours.
										SleepSoft+
19.1	18.5	18.3	22.7	26.3	30.2	22.5	**22**	–		SleepSoft+ provides particularly good insulation against traffic noise, snoring and other environmental noise, but lets you hear everything that's important. High-frequency alarms, such as doorbells, alarm clocks or baby crying, will be readily perceived despite the optimum insulation.
										FlyFit
14.8	15.0	15.7	18.7	26.6	24.4	18.9	**17**	–		FlyFit is your indispensable companion on any journey. It provides perceptible relief from changes in aircraft pressure and reliably blocks out environmental noise (train, airplane, car, bus).

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Protection at work

Many hours of comfortable protection only from audifon hearing protection systems.

Standard

	filter (optional)	damping values (dB) *	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Optime II									
Optime II was developed for serious noise pollution and also provides effective protection at very low frequencies. The seal rings in this capsule hearing protection are filled with a unique mixture of liquid and foam, guaranteeing an optimum seal in the case of even slight pressure. The low weight of just 210 g is another reason for Optime II being so comfortable to wear. Optime II is recommended for very noisy agricultural, airport or constructions industry jobs. Very hygienic because the sealing and insulation pads can be exchanged using hygiene set HY 52.		**31**	14.6	20.2	32.5	39.3	36.4	34.4	40.2
WorkSafe									
Of the standard hearing protection systems, WorkSafe is the optimum choice and should be part of every business' equipment. The earplug vanes are made from a robust, soft plastic which, due to the body's warmth, adapts perfectly to the ear canal in just a few minutes. WorkSafe protects from temporary loud noise levels, but speech can be easily understood thanks to the integrated insultation filter.		**17**	18.8	15.6	16.0	18.5	27.7	23.9	22.0

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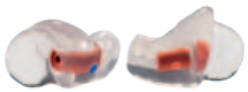
DLO



125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	damping values (dB) *	filter (optional)		
12.1	15.0	18.9	22.3	29.1	33.0	44.0	**22**	M-Filter	**Silicon**	DLO gives you the choice of two different materials. Acrylic's very smooth surface is especially hygienic. Softer silicon is very flexible and smooth. As a result DLO is also suitable for people with sensitive ear canals.
21.4	23.0	24.8	23.3	31.9	33.8	45.8	**26**	H-Filter		
12.2	15.1	19.0	23.3	32.6	34.4	37.6	**22**	M-Filter	**Acrylic**	
17.9	19.2	22.8	26.5	33.5	38.3	40.9	**25**	H-Filter		DLO mutes environmental sounds, but still allows sounds that indicate danger to be recognised.

Alpine

5.6	4.7	11.1	17.0	26.6	25.4	28.6	**13**	F4 yellow **	**Silicon**	Alpine gives you the choice of two different materials. Acrylic's very smooth surface is especially hygienic. Softer silicon is very flexible and smooth. As a result Alpine is also suitable for people with sensitive ear canals.
7.6	6.5	12.0	18.3	26.9	24.2	29.2	**15**	F6 blue **		
9.8	11.3	15.8	19.7	28.1	25.6	31.1	**17**	F7 green **		
21.1	20.1	23.5	24.2	30.6	26.4	33.1	**22**	F8 red		
24.3	22.3	25.3	27.7	32.3	26.3	34.7	**23**	F10 white		
2.1	3.9	10.5	18.5	29.4	30.1	32.4	**14**	F4 yellow **	**Acrylic**	Alpine offers professional hearing protection at work, with a great selection of appropriate filters.
6.8	9.7	14.9	21.7	30.5	32.7	34.4	**18**	F6 blue **		
15.1	16.9	20.2	26.2	31.6	32.8	36.8	**23**	F7 green		
17.8	19.7	22.2	26.0	32.8	35.4	39.1	**25**	F8 red		
25.8	26.2	26.9	28.8	34.0	39.3	39.0	**26**	F10 white		

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Hunting and shooting

A steady hand and a perfect hearing protection are needed for the winning shot.

ProTac II

	damping values (dB) *	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
ProTac II provides active hearing protection on both sides. It's possible to hear in stereo with two extremely sensitive, volume-adjustable microphones. At the same time the internal electronics immediately limit any noise over 82 dB. Weak noises are amplified ten-fold and loud noises dampened to the permissible limit. ProTac II thus allows unrestricted communication on the shooting range or in the countryside, whilst providing you with simultaneous optimum protection from sudden noises.	**32**	20.7	24.7	31.0	35.1	32.6	40.4	42.1

Optime II

Optime II was developed for serious noise pollution and also provides effective protection at very low frequencies. The seal rings in this capsule hearing protection are filled with a unique mixture of liquid and foam, guaranteeing an optimum seal in the case of even slight pressure. The low weight of just 210 g is another reason for Optime II being so comfortable to wear. Optime II is recommended for very noisy agricultural, airport or constructions industry jobs. Very hygienic because the sealing and insulation pads can be exchanged using hygiene set HY 52.	**31**	14.6	20.2	32.5	39.3	36.4	34.4	40.2

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Motorsport and engineering

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Working around machinery and engines – greater enjoyment through better protection.

Alpine

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	damping values (dB) *	filter (optional)		
9.8	11.3	15.8	19.7	28.1	25.6	31.3	**17**	F7 green **	**Silicon**	Alpine cut out wind noise, but let through the sound of your motorbike or road traffic. Alpine is available in both hard acrylic and soft silicon. Acrylic's very smooth surface is especially hygienic. Softer silicon is suitable for users with more sensitive ear canals.
21.1	20.1	23.5	24.2	30.6	26.4	33.1	**22**	F8 red		
15.1	16.9	20.2	26.2	31.6	32.8	36.8	**23**	F7 green	**Acrylic**	
17.8	19.7	22.2	26.0	32.8	35.4	39.1	**25**	F8 red		

MotoSafe™

14.8	15.0	15.7	18.7	26.6	24.4	18.9	**16**	green	MotoSafe™ consists of two universal hearing protectors and two different interchangeable filter sets. These special wind noise filters guarantee optimum protection whilst you can still hear ambient noises and can communicate clearly.
18.8	15.6	16.0	18.5	27.7	23.9	22.0	**17**	yellow	

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Protection for children, bathing and swimming

The right protection can help you feel totally at home in the water. Especially children should be protected from too much noise.

	damping values (dB)*	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Pluggies (children) Children often suffer from earaches or ear infection. These comfort earplugs prevent water from entering the ears while swimming, showering or taking a bath.	**19**	18.5	16.5	17.1	19.6	28.6	24.1	22.0
Alpine Muffy (children) The Alpine Muffy earmuff has been especially designed for the ears of small children and can be used in various noisy situations, such as parties, parades, firework displays, car and motor races and concerts. These ear protectors for kids are also very suitable for being able to learn and read in a more focused manner either at home or at school.	**25**	13.1	15.3	22.7	31.9	33.8	36.8	28.6

Swim** (adults)

Swim is the optimum protection from moisture and spray. Consists of soft silicon and adapts to your ear especially well. Swim consequently provides an optimum seal, yet sits extremely comfortably in the ear canal. Swim is available in many attractive colours.

SwimSafe (adults)

A quick and easy, standard hearing protection solution for water sports enthusiasts. When worn, SwimSafe reliably keeps water away from the ear drum, without restricting the ability to hear and understand speech. SwimSafe can be adapted for smaller ear canals, such as those of children. SwimSafe is durable and easily cleaned.

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Cleaning and accessories audifon

pro care

audifon pro care is a complete care and hygiene series for behind-the-ear hearing systems, in-the-ear hearing systems and earmoulds.

Dry case

dry star UV and dry go are the perfect solutions for care free drying of your hearing systems and earmoulds. Both products use a constant flow of warm air for drying, which ensures proper operation and a longer overall product lifespan for hearing systems. dry star UV additionally offers hygienic cleaning with UV-C light, whereas dry go has the added convenience of a USB power supply, making it ideal for travel.

audifon Solutions for better hearing

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016819-002-341-1737 /03/2016