

## ENJOY THE SOUNDS OF LIFE

•• Hearing devices from audifon





## CONTENTS

Hearing aid quality "Made in Germany"	4
audifon – for optimum hearing whatever	
he situation	5
• Why it is important to detect hearing loss early .	6
Why two ears are better than one	9
<ul> <li>Impact of gradual hearing loss on speech</li> </ul>	
comprehension	10
What hearing devices look like nowadays	. 12
Behind-the-ear hearing aids	. 12
Available colours	.14
Invisible tube	. 15
• In-the-ear hearing aids	.16
What today's hearing devices offer	.18
<ul> <li>Natural sound and optimum speech</li> </ul>	
comprehension	.18
<ul> <li>Understand more easily in noisy</li> </ul>	
environments	20
Protection and care of your hearing devices	22



## HEARING AID QUALITY "MADE IN GERMANY"

**audifon** develops and produces modern, high-performance hearing aid systems at our ISO certified plant in Germany. The private and family-owned company can look back at a long tradition and belongs to the KIND group, market leader in hearing aid acoustics with over 600 hearing aid centres in Germany.

**audifon** is a preferred hearing aid brand for many years. Trust in our experience and enjoy the numerous benefits of proven hearing aid technology "Made in Germany".



## AUDIFON – FOR OPTIMUM HEARING WHATEVER THE SITUATION

We owe our success to high-quality design and production combined with an outstanding price/performance ratio. Our experienced engineers continuously strive to unite state-

of-the-art technology with maximum reliability to ensure you hear properly whatever situation you find yourself in.





## • Why it's important to detect hearing loss early

Loss of hearing is a gradual process which creeps up unnoticed over the years. Experts estimate that on average, hearing problems are detected and treated seven to ten years too late.

During this time the brain forgets how to deal with lost acoustic information – like a muscle that is not exercised. Speech comprehension becomes more difficult, particularly in demanding situations. This is where hearing aids can help.

For this reason experienced ENT specialists and audiologists always recommend hearing devices early on when people are becoming hard of hearing. **The most important step is the first:** Act in good time and get sound advice from an audiologist. A hearing test only takes a few minutes and then you can make an informed decision.











## • Why two ears are better than one

Human sense organs are multi-dimensional: two eyes for seeing in three dimensions, two nostrils for detecting odours. And it is only with two ears which function equally well that we can orientate ourselves spatially and benefit from good speech comprehension or high sound quality.

This means with most cases of hearing loss, the only way to guarantee acoustic stimuli will be processed equally well by both ears is with two hearing aids. This is really just as obvious as wearing a pair of glasses – after all, no-one with poor sight nowadays resorts to a monocle.

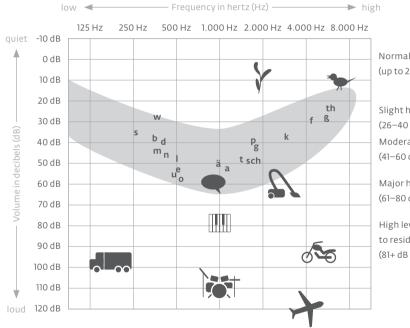


## •• Impact of hearing loss on speech comprehension

Hearing loss creeps up gradually, often becoming worse without you noticing. In the diagram on the right you can see an audiogram field with the classical "speech banana". This shows typical everyday sounds with their frequency and level.

In the "speech banana" illustrated (on the right, shaded in grey), the volume and pitch range in which speech most frequently occurs is highlighted. Your audiologist can mark your hearing loss in here and clarify it for you.





Normal hearing (up to 25 dB ISO)

Slight hearing loss (26–40 dB ISO) Moderate hearing loss (41–60 dB ISO)

Major hearing loss (61–80 dB ISO)

High level of hearing loss to residual hearing ability (81+ dB ISO)

#### Frequency, measured in hertz (Hz)

The average audible frequencies for humans are between 20 and 20.000 hertz. With increasing age the audibility of the higher frequencies decreases.

## Sound pressure level, measured in decibel (dB)

The sound pressure level determines the volume of a noise. The higher the noise, the louder it is perceived.



# WHAT HEARING DEVICES LOOK LIKE NOWADAYS — THE AUDIFON COLLECTION

**audifon** hearing aids not only impress with their technology, but also with their design and ease of use. Choose a design that caters for your personal needs.

## •• Behind-the-ear hearing aids



WITH EXTERNAL RECEIVER FOR MILD
TO SEVERE HEARING LOSS

- Lightweight and can hardly be felt
- Easy to wear
- Discreet to others
- Natural sounding as ear canal is not closed up
- Adaptable to future deterioration in hearing







FOR MODERATE
TO SEVERE HEARING LOSS

#### **BENEFITS TO YOU**

- Easy to use control buttons
- Easy to wear
- Fits perfectly
- Available with invisible tube virtually disappears besides the ear





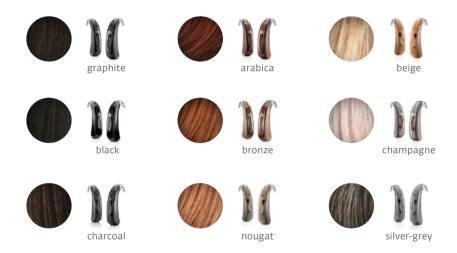
FOR SEVERE
TO PROFOUND HEARING LOSS

- High amplification values for severe hearing loss
- Easy to use control buttons
- Easy to wear
- Fits perfectly



## • Available colours

Once you have found the right design, select from a wide variety of attractive colours.



- Hardly visible when matched to the colour of your hair
- Fashionable colours for greater personalisation



### •• Invisible tube

You can further enhance the comfort of your hearing aid with a range of optional extras.

Putting on your hearing device in the morning should be something as natural as brushing your teeth. We want you to enjoy wearing your hearing aids – every day. With the invisible tube, others will hardly notice your behind-the-ear devices.



- Easy to wear
- Barely visible to others (Discreet to others)
- If required, use a mini ear adapter piece for a more perfect fit



## •• Standard in-the-ear hearing aids



STANDARD IN-THE-EAR HEARING AIDS

#### **BENEFITS TO YOU**

- Custom made for greater comfort
- Naturally designed to funnel sound into your ear canal
- Perfect for active people and those who wear eye-glasses



MINI IN-THE-EAR HEARING AIDS

- Discreet and barely visible to others
- Easy to wear
- Naturally designed to funnel sound into your ear canal
- Perfect for active people and those who wear eye-glasses

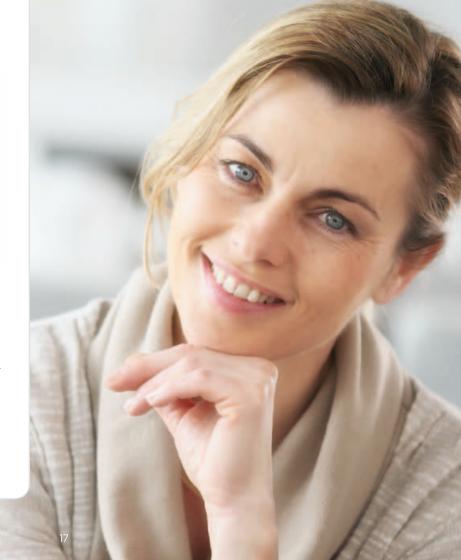






MICRO IN-THE-EAR HEARING AIDS

- Smallest possible design
- Almost invisible to others
- Naturally designed to funnel sound into your ear canal
- Perfect for active people and those who wear eye-glasses





## WHAT TODAY'S HEARING **DEVICES OFFER**

• Natural sound and optimum speech comprehension

> **audifon** hearing devices let you live life to the full again – even in challenging hearing situations and thanks to different setting options. Their sound is impressively natural and relaxed conversation in noisy environments is no longer a problem.

We have developed different technologies to make everyday life easier for you.



#### 10K HD SOUND

Full sound spectrum for vour ears



- With an audio bandwidth of up to 10 kilohertz, hearing devices from audifon come close to the natural hearing ability of humans, Making it easier to understand what other people are saying
- You stand to benefit from crystal-clear sound, particularly when listening to music



#### ADAPTIVE SOUND ZOOM

Focusing on what's important

#### **BENEFITS TO YOU**

- These hearing devices automatically zoom in on the sound source, for example the person you are talking to
- This makes it easier to concentrate on what they are saying
- · Background noise is reduced
- Greater hearing comfort in noisy environments



## SCENE DETECT

Optimum hearing

whatever the situation

- Your hearing aid automatically identifies different hearing scenarios, e.g. "Quiet", "Wind" or "Music". The hearing device will automatically adapt to each situation so you no longer have to make any manual changes
- This ensures optimum speech comprehension whatever situation you are in



## •• Understand more easily in noisy environments

We each find ourselves in all kinds of noisy environments on a daily basis. To ensure that only the sounds you want to hear are amplified, we have equipped our hearing devices with the latest technology:





ADAPTIVE FEEDBACK
GUARD
Whistling becomes history

#### **BENEFITS TO YOU**

- Annoying whistling sounds are avoided thanks to modern analysis technology from audifon
- Lets you forget you are wearing a hearing aid



ADAPTIVE NOISE GUARD & MACHINE NOISE GUARD Hearing comfort in noisy environments

#### **BENEFITS TO YOU**

- audifon hearing devices take just split seconds to reduce the sound level of very loud noise sources such as vacuum cleaners, air conditioning systems or trams.
- Speech is not affected and understanding what other people are saying becomes easier



WIND SHIELD
Reducing wind noise

#### **BENEFITS TO YOU**

 Whether taking a walk on the beach, out on a bike trip or strolling through town, the wind noise suppression feature on audifon hearing devices lets you relax and enjoy all outdoor activities.



# PROTECTION AND CARE OF YOUR HEARING DEVICES

Whatever type of hearing aid you use, all are in direct contact with the skin and is susceptible to perspiration and may damage your hearing aid in the long run. **audifon** behind-the-ear hearing aids are coated with a water-repellent finish, known as the nanoShield, to prevent any damage from moisture.

Hearing devices should nevertheless be dried on a daily basis. To ensure your hearing aids function perfectly and to make hearing a pleasant experience for years to come, **audifon** offers special care products designed to guarantee optimum cleaning of your devices.



AUDIFON PRO CARE SERIES

#### **BENEFITS TO YOU**

- Special products for hygienic cleaning and drying
- Increase the lifespan of hearing aids and saves money from costly repairs
- Quick, gentle and hygienic cleaning of your hearing devices



AUDIFON DRYING STATION
DRY STAR UV 2 AND DRY GO

#### **BENEFITS TO YOU**

- Drying hearing devices at the touch of a button with auto power cut-off after 4 hours
- Hygienic cleaning using UV-C light (dry star UV 2)
- Perfect for when travelling (dry go)



AUDIFON U-SONIC ULTRASOUND BATH

- Ear moulds are hygienically clean with just water
- Simply press the sensor and audifon u-sonic will do the rest automatically
- Perfect for when travelling





Your hearing care professional		

info@audifon.com

www.audifon.com