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1. Included in delivery

Check that the exterior of the cardboard delivery packaging is intact and make sure that all contents are present. Before use, ensure that there is no visible damage to the device or accessories and that all packaging material has been removed. If you have any doubts, do not use the device and contact your retailer or the specified Customer Service address.

- 2 x digital hearing amplifiers HA 70
- 8 x earplugs (in different sizes and designs)
- 1 x storage box with integrated powerbank
- 1 x cleaning brush
- 1 x micro-USB cable
- 1 x instructions for use

Getting to know your device







Hearing amplifiers are intended to help people hear better, which they do by amplifying sounds and then transmitting them to the ear. Hearing amplifiers can neither prevent nor alleviate organically occurring hearing loss.







Nevertheless, they offer various fields of application. Whether you want to watch a film, chat with friends or just feel like listening to the sounds of nature in the woods, hearing amplifiers help you to hear sounds louder and more clearly.



2. Signs and symbols

The following symbols are used on the device, in these instructions for use, on the packaging and on the type plate for the device:

 WARNING	Warning notice indicating a risk of injury or damage to health
 IMPORTANT	Safety note indicating possible damage to the device/accessory
 Note	Note on important information
	Observe the instructions for use
	Serial number
	Application part type B

	<p>Disposal in accordance with the Waste Electrical and Electronic Equipment EC Directive – WEEE</p>
	<p>The CE labelling certifies that the product complies with the essential requirements of Directive 93/42/EEC on medical devices.</p>
	<p>Manufacturer</p>
<p>Storage/Transport</p> 	<p>Permissible storage and transport temperature and humidity</p>
<p>Operating</p> 	<p>Permissible operating temperature and humidity</p>
	<p>Dispose of packaging in an environmentally friendly manner</p>

IP 21	Protected against solid foreign objects 12.5 mm in diameter and larger, and against vertically falling drops of water
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3. Intended use

The hearing amplifiers are only to be used to help people to hear better. The devices are only intended for the purpose described in these instructions for use. The manufacturer is not liable for damage resulting from improper or careless use.

4. Warnings and safety notes



WARNING

- You must have your hearing checked by a doctor or qualified hearing care professional before using the hearing amplifiers. The settings of the hearing amplifiers should only be adjusted by a trained expert, for example an ENT specialist, an audiologist or a qualified hearing amplifier retailer.


- In the event of an existing or previous ear problem, you should consult your doctor before using the hearing amplifiers.
- Use for patients suffering from an ear inflammation or infection is NOT permissible.
- Do NOT use the hearing amplifiers if you are suffering from an inflammation of the middle ear or ear canal.
- If you feel unwell or experience pain when wearing the hearing amplifiers, stop using them immediately and contact your doctor.
- If your ear becomes inflamed or your skin irritated or you experience an increased accumulation of earwax when wearing the hearing amplifiers, stop using them immediately and contact your doctor.
- Stop using the hearing amplifiers and seek medical attention if the following occurs:
 - Rash or eczema on areas of skin that come into contact with the hearing amplifiers. (The hearing amplifiers are made from a material that is kind to the skin. In rare cases, however, allergic reactions may occur that appear in the form of eczema.)
 - Use of the hearing amplifiers results in discharge from the ear and/or necessitates ear treatment.
 - Sudden, significant decrease in hearing ability.

- If parts of the hearing amplifier become stuck in the ear, seek medical attention immediately. Do not attempt to remove the parts yourself.
- At first, set the volume to a low setting and increase it gradually once you have become accustomed to the hearing amplifiers.
- Do NOT set the volume control too high, as this may cause further damage to hearing over an extended period of time.
- Do NOT lend your hearing amplifiers to others or use the hearing amplifiers of others, as there is a risk of hearing damage and infection.
- Do NOT pass on your hearing amplifiers for use by other persons. The use of a hearing amplifier that was designed for someone else may cause hearing damage.
- The hearing amplifiers are NOT suitable for use by small children below the age of 36 months.
- It is particularly difficult to diagnose hearing problems in children. Children should only be provided with a hearing amplifier following a thorough examination by an ENT specialist.
- Keep the hearing amplifiers, the accessories and the batteries away from children, as there is a risk of injury and choking.

- This device is NOT intended for use by people (including children) with restricted physical, sensory or mental skills or a lack of experience and/or a lack of knowledge, unless they are supervised by a person who has responsibility for their safety or they receive instructions from this person on how to use the device. Supervise children around the device to ensure they do not play with it.
- Do NOT use the hearing amplifiers in potentially explosive and hazardous environments.
- Do NOT use the devices in oxygen-rich environments and over an extended period of time.
- Please contact the manufacturer in the event of the following:
 - if you require assistance in the set-up, use or maintenance of the hearing amplifiers; or
 - if the devices behave unexpectedly during operation or otherwise.
- If you have any doubts, do NOT use a damaged hearing amplifier; contact your retailer or the specified Customer Services address.
- Switch the devices off immediately if they are faulty or not working properly.

- Do not attempt to open and/or repair the hearing amplifiers yourself. Repairs may only be carried out by Customer Services or authorised retailers. Failure to comply will invalidate the warranty.

Notes on handling rechargeable batteries:

- If your skin or eyes come into contact with fluid from a battery cell, flush out the affected areas with water and seek medical assistance.
- If the battery has leaked, only touch the device with protective gloves and dispose of it as described in section 10 “Disposal” or contact Customer Services.
- Protect batteries from excessive heat.
-  **Risk of explosion!** Never throw batteries into a fire.
- Do not disassemble, open or crush the batteries.
- Only use chargers specified in the instructions for use.
- Batteries must be charged correctly prior to use. The instructions from the manufacturer and the specifications in these instructions for use regarding correct charging must be observed at all times.
- Fully charge the battery prior to initial use (see section 6).

- In order to achieve as long a battery useful life as possible, fully charge the battery at least twice per year.



IMPORTANT

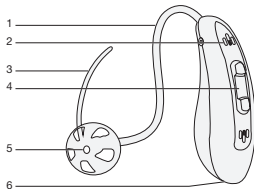
- Do NOT wear the hearing amplifiers in the vicinity of strong electromagnetic fields or X-rays.
- Do NOT wear the hearing amplifiers while bathing, showering or swimming.
- Protect the devices from impacts, humidity, dirt, marked temperature fluctuations, direct sunlight and high levels of air humidity.
- High temperatures may develop in closed vehicles during summer. You should therefore never leave your hearing amplifiers inside a vehicle.
- Do NOT drop the devices or subject them to any shocks.
- If the hearing amplifiers fall into water, dry them with a cloth and then have them inspected by your retailer.
- Never attempt to dry the hearing amplifiers in a microwave, a tumble dryer or with a hair dryer. The hearing amplifiers may otherwise become damaged.

- Do NOT use the hearing amplifiers together with a mobile phone. (The radio waves of the mobile phone may cause background noise or a loss of volume.)
- Do NOT wear the hearing amplifiers while applying cosmetics (e.g. make-up, hairspray, perfume or sun cream).
- Do NOT wear the hearing amplifiers while undergoing shortwave therapy or medical treatments that involve strong radio frequency or magnetic fields.
- Take care when operating the controller. Do NOT press too firmly.
- Do not insert any sharp objects into the microphone opening as this may damage the microphone.
- Do NOT touch the magnets of the hearing amplifier as this may damage the device.
- Do NOT touch the inside of the device. There are many sensitive components that have been precisely configured. Under no circumstances should you poke at the inside of the hearing amplifier with a needle or similar object.
- Service your hearing amplifiers at regular intervals. Make sure there are no foreign objects in between the earplug and speaker, as this could impair the sound.

5. Device description

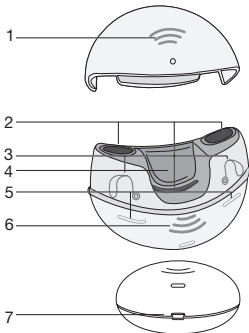
Hearing amplifier

1. Sound tube
2. Microphone
3. Fixing tube
4. Control buttons (user controls))
5. Earplug
6. Charging contact

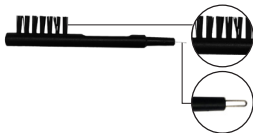


Storage box with integrated powerbank

1. Grip ridges
2. Charging recesses
3. Marking showing which way round the device should be placed
4. Opening for earplug and fixing tube
5. LED charge indicators of the hearing amplifiers
6. LED charge indicator of the storage box with integrated powerbank
7. Micro-USB connection



Cleaning brush



Brush

For cleaning the hearing amplifiers

Loop

For removing earwax in the earplug

6. Initial use

Remove the hearing amplifiers from the packaging and check that the devices and all accessories are included and not damaged.

Charging the storage box with integrated powerbank

Connect the supplied micro-USB cable with your storage box and a mains part. Now connect the mains part to a socket in order to charge the storage box. During the charging process, the LED charge indicator of the storage box with integrated powerbank lights up in orange.

In general, it takes two to three hours until the storage box is fully charged.

Once the powerbank is fully charged, the colour of the LED charge indicator of the storage box with integrated powerbank changes from orange to green.



Orange light: powerbank is being charged

Green light: powerbank is fully charged

i You can charge your hearing amplifiers up to three times with one charge of the powerbank.

i When you remove the charging cable, the LED charge indicator of the storage box with integrated powerbank goes out. After 10 seconds it lights up again and indicates the battery state of the powerbank.

Orange: charge capacity < 20%

Green: charge capacity > 20%

Charging the hearing amplifiers


Insert the hearing amplifiers into the charging recesses of the storage box; the earplugs and the fixing tubes should be placed in the opening inside the box. All three LEDs light up during the charging process.

Orange light: hearing amplifiers are being charged

Green light: hearing amplifiers are fully charged



In general, it takes around 9 hours until the devices are fully charged. Once the devices are fully charged, the LED charge indicators of the hearing amplifiers light up green.

 If the LEDs do not light up, ensure that the devices are sitting tightly enough in the charging recess.

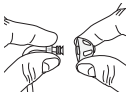
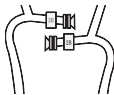
Note:

- The charging process can be carried out with the lid open or closed.
 - The hearing amplifiers can also be charged while the storage box is being charged.
 - The hearing amplifiers can be stored in the storage box with integrated powerbank after they have been charged fully and whilst you are not wearing them.
 - In the event of longer periods of not using them (i.e. over several weeks), you can also store the hearing amplifiers in the storage box without charging it. To do so, pull the hearing amplifiers out of the opening slightly so that no LEDs are lit.
- ⓘ If the devices are fully charged, the LED charge indicators of the hearing amplifiers switch off immediately. The LED charge indicator of the storage box with integrated powerbank of the device lights up for four hours. Then the LED charge indicator of the storage box with integrated powerbank switches off in order to conserve the battery.
- ⓘ Make sure the volume control is initially set to the lowest setting before operating the hearing amplifiers.

7. Usage

Adjusting your hearing amplifier

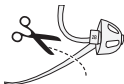
1. The sound tubes are printed with “2B” in red or blue respectively. “Red” is for the right and “blue” is for the left ear.
2. Attach the earplug to the sound tube by pushing it over the grooves on the tube until it sits securely in place.
3. Place the hearing amplifier case behind your ear. The curved part of the sound tube should sit comfortably on the ear (next to the arm of the glasses for glasses wearers).



4. Hold the sound tube in place and carefully position the earplug in the ear canal. Make sure not to insert the earplug too deeply into the ear canal. If the earplug is not properly in place or feels uncomfortable, try a different earplug.



5. Place the fixing tube along the outside of your ear. This ensures that the earplug fits tightly in the ear. If the fixing tube bothers you, you can cut it off. It is not absolutely necessary.



- i** Check whether you have selected the correct size of earplug by moving your head slowly up and down and then left to right while opening and closing your jaw. If the earplug slips out, it is too small. If you wear glasses, place the arm of the glasses between your head and the hearing amplifier.

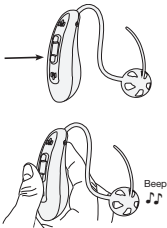


IMPORTANT

Never insert the sound tube into the ear canal without an earplug. Make sure also not to press the tube and earplug too deeply into the ear canal.

Switching on/off

In order to switch the hearing amplifiers on/off, press and hold the bottom control button for three (3) seconds until you hear two beeps.



Adjusting the volume

Top button:

Increase volume (press briefly)

Bottom button:

Reduce volume (press briefly)

Note: If you hear a single beep, the volume has been increased or reduced. If three beeps sound in succession, the highest or lowest possible volume has been reached.

Setting the hearing programmes

In order to switch between the two hearing programmes, press and hold the top button for three (3) seconds.

P1: Normal mode (1 x beep):


Suitable for quiet environments, e.g. at home or in the office.

P2: Noise reduction mode (2x beep):

Suitable for outside areas, e.g. on the move, in the supermarket or restaurant.

Note: In order to prevent feedback while placing the hearing amplifiers in your ear, only switch them on once you have placed them in your ear and behind your ear.

Use the volume control to adjust the volume to the desired level so that you can hear sounds clearly and distinctly.

-  If you hear a slight whistling sound when wearing the hearing amplifier, check that your earplug is fitted properly in your ear. If it is not snug enough, use a different earplug.
- The hearing amplifier does not heal an existing hearing impairment, but it does improve hearing and speech understanding.

8. Cleaning and maintenance



IMPORTANT

- Always keep the hearing amplifier clean.
- Always treat the products with care and prevent the earplug and microphone from becoming blocked with foreign matter. This impairs the function of the sound amplification.
- Clean the hearing amplifiers and earplugs with a clean, dry cloth after each use. If they are very dirty, you can also moisten the cloth with a mild soapy solution. Never use abrasive, corrosive or solvent-based cleaning products.
- Under no circumstances should you hold the hearing amplifiers under water, as this can cause liquid to enter and damage the hearing amplifiers.
- The cleaning brush supplied is suitable for removing earwax stuck in the earplug (see device description).
- Allow the hearing amplifiers to dry fully after cleaning. Store the hearing amplifiers in a safe, dry and clean place in the relevant storage box.

9. Accessories and replacement parts

Accessories and replacement parts are available from the corresponding listed service address under the stated material number.

Designation	Item number and/or order number
Earwax guard: HA 60/85, 32 pcs.	641.16
Drying capsules: HA 55/60/80/85, 8 pcs.	641.15
Earplugs 8 pcs.	164.369

10. What if there are problems?

Problem	Possible cause	Solutions
Not loud enough	Tube/earplug blocked	Remove the earplug and clear away coarse impurities from the earplug and the front end of the tube using the cleaning brush. Then clean the earplug under running water.
	Your hearing has changed	Contact your hearing healthcare professional.
	Accumulation of dirt	Clean earplug with cleaning brush.

Fluctuations in performance	Restart required	Switch off hearing amplifiers using the bottom control buttons and place them in the charger. Remove them after a few seconds and switch the hearing amplifiers on again.
	Tube/earplug blocked	Remove coarse impurities from earplug and front end of the tube with the cleaning brush. Remove earplug and rinse with running water.

Indistinct, distorted sound	Restart required	Switch off hearing amplifier using the bottom control button and place it in the charger. Remove it after a few seconds and switch the hearing amplifier on again.
	Tube/earplug blocked	Remove coarse impurities from earplug and front end of the tube with the cleaning brush. Remove earplug and rinse with running water.
	Hearing amplifier faulty	Contact Customer Services.

Hearing amplifier does not react	Charging required	Place in the storage box until the LED charge indicators of the hearing amplifiers light up green.
	Earplug/tube blocked	Remove coarse impurities from earplug and front end of the tube with the cleaning brush. Remove earplug and rinse with running water.
	Bent tube	Contact Customer Services.

Feedback sound is too loud	Earplug does not sit correctly in the ear canal	Check the position of your earplug. If it sits too far out of the ear or is too loose, please select a different size.
	Microphone is covered	Check the position of the hearing amplifier behind the ear. If the microphone opening is covered by the ear itself or a large amount of hair, change the position of the hearing amplifier in order to keep the microphone opening clear.
	Hearing amplifier faulty	Contact Customer Services.

LED displays do not light up when the hearing amplifiers are in the charging recess	Incorrect device alignment	Remove devices from the charging recess and switch off the hearing amplifiers. Insert the hearing amplifiers again as described in section 6 “Initial use”. If this does not fix the problem, contact Customer Services.
	Empty battery in the integrated powerbank	Position your hearing amplifiers in the charging recess so that the earplug is in the intended opening. Then connect the storage box to the power. All LEDs should now light up orange.
	Powerbank faulty	Contact Customer Services.

LED on the charging recess flashes orange	Error occurred	Remove the hearing amplifiers from the charging recess, wait until the LED goes out and reinsert the hearing amplifiers. If the LED continues to flash, contact Customer Services.
Hearing amplifiers whistle in the charger	Hearing amplifier is not switched off	Remove the hearing amplifiers from the charger and switch the hearing amplifiers off. Then position your hearing amplifiers in the charging recess so that the earplug is in the intended opening. For this purpose, see also section 6 "Initial use".

11. Disposal

Rechargeable battery disposal

- Empty, completely flat rechargeable batteries must be disposed of using specially designated collection boxes, recycling points or electronics retailers. You are legally required to dispose of the batteries.
- The codes below are printed on rechargeable batteries containing harmful substances:

Pb = Battery contains lead

Cd = Battery contains cadmium

Hg = Battery contains mercury



General disposal

For environmental reasons, do not dispose of the device in the household waste at the end of its useful life. Dispose of the device at a suitable local collection or recycling point in your country. Dispose of the device in accordance with EC Directive – WEEE (Waste Electrical and Electronic Equipment). If you have any questions, please contact the local authorities responsible for waste disposal.



12. Technical specifications according to IEC 60118-7

Max. sound pressure level:	120 dB \pm 3 dB
Max. amplification:	44 \pm 5 dB
Overall harmonic distortion:	\leq 3% @ 1600 Hz
Frequency range:	200 ~ 7100 Hz
Input noise:	\leq 30 dB
Voltage:	1.5 V ---
Power supply:	\leq 2 mA
Operation period:	\geq 10 hours
Operating conditions:	Temperature: -10°C ~ +40°C
	Relative humidity: 30% ~ 75%
	Atmospheric pressure: 700 ~ 1600 hPa
Storage and transportation conditions:	Temperature: -10C ~ +55°C
	Relative humidity: 10% ~ 90%
	Atmospheric pressure: 500 ~ 1600 hPa
The serial number is located on the device.	