

USER GUIDE

ReSound Match SPBTE
MA3T90-VI



RESOUND Match BEHIND-THE-EAR PERSONAL HEARING SYSTEM

Congratulations on the purchase of your new ReSound hearing instrument!

This booklet describes the features available for the Super Power BTE (Behind-The-Ear) model in the ReSound Match product line.

ReSound's advanced technology will offer you the best possible hearing solution to maximize listening situations in your family life, your professional life and your social life.

Your hearing instrument has been adjusted for your individual hearing loss. Please familiarize yourself with the information in this booklet. Proper understanding and use of your new ReSound hearing instrument will allow you to derive maximum hearing benefit.

This instruction covers the ReSound Match product:
MA3T90-VI

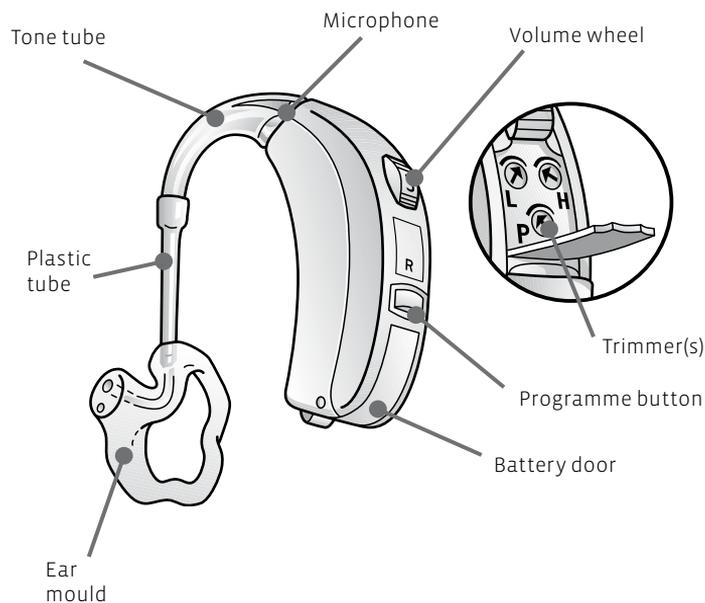
ReSound Match is a trademark of ReSound A/S.

This booklet & your instrument

In this booklet you will find instructions for inserting and controlling your new hearing instrument. You will find explanations on controlling your instrument, on daily handling and on its use.

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Your ReSound Match MA3T90-VI Hearing Instruments



Turning on and off

Turn your hearing instrument on by closing the battery door.

Turn your hearing instrument off by pushing in on the small knob located on the battery door. This will cause the battery door to open.

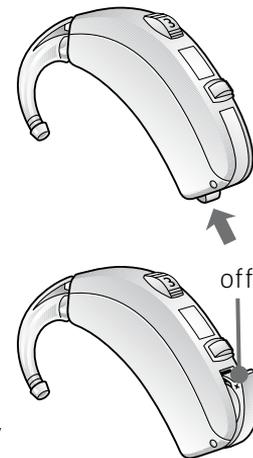
The hearing instrument will always be in program 1 when it is first turned on. Additional information about the programs can be found on page 10.

Turning your hearing instrument off, when not in use, will increase the battery life.

Therefore, it is recommended that you turn off your hearing instrument at night and open the battery door completely. It will also allow moisture in your hearing instrument to evaporate and will increase the instrument's lifespan.

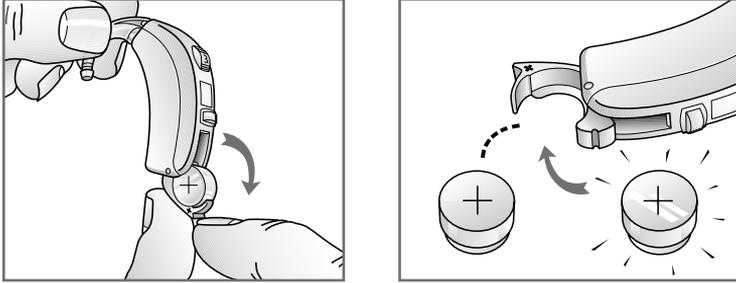
Low Battery Warning

The hearing instrument has a soft low-battery-warning signal (beep-beep) that you will hear when the battery voltage/power gets too low. The signal indicates you should replace the battery. We recommend that you always carry a spare battery with you. The low-battery-warning signal will be repeated every 5-10 minutes until the battery runs out of power. The instrument will then automatically switch off.



Changing the Battery

Open the battery door by placing your fingernail or a pencil on the edge of the battery door and gently pull it down. When opened, remove the dead battery by sliding it out as shown in the drawing.



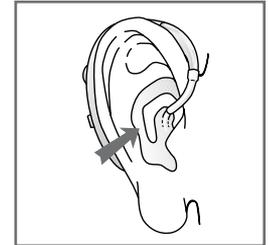
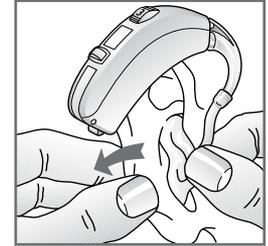
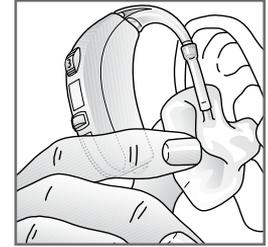
Warnings

- Keep batteries away from children and mentally challenged persons.
- Batteries can be harmful if swallowed. If you do, seek medical attention immediately.
- Do not attempt to recharge the batteries, as they could explode.
- Do not burn the batteries, as they could explode.
- Replace used batteries and do not leave them in the instrument for a prolonged period.
- Used batteries are harmful to the environment. Please dispose of them according to local regulations or return them to your hearing care practitioner.

Inserting and removing the instrument

Inserting the instrument

- Hold the ear mould between your thumb and index finger and position its sound outlet in your ear canal
- Slide the ear mould all the way into your ear with a gentle, twisting movement (insertion will be easier if you gently pull your ear up and back with your other hand)
- Turn the top-part of the ear mould gently backwards and forwards so that it tucks behind the fold of skin above your ear canal
- Place the hearing instrument behind your ear
- Move the ear mould up and down and press gently to ensure it is positioned correctly in the ear
- When the ear mould and hearing instrument are correctly positioned, and you have not already turned it on, switch on your instrument by closing the battery door



Tip

Opening and closing your mouth can ease insertion.

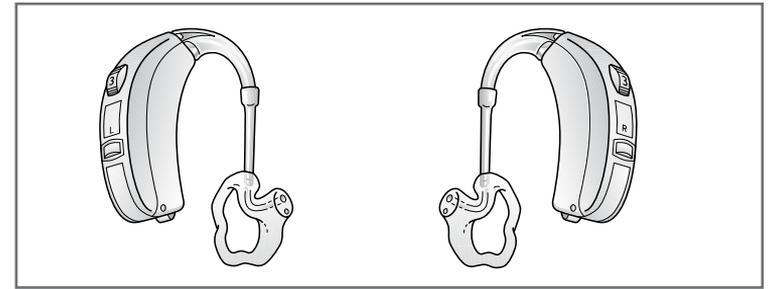
Removing your instrument

- Switch off the instrument by pressing the battery door in the 'off' position.
- Lift the hearing instrument from behind the ear. For a moment, let it hang beside your ear.
- Using your thumb and index finger, gently pull the earmould (not the instrument or the tubing) loose from the ear.
- Remove the earmould completely by gently twisting it.

Recognising left and right instrument

If you have two hearing instruments, they may be set differently for your right and left ears. Do not switch the hearing instruments without consulting your hearing care professional.

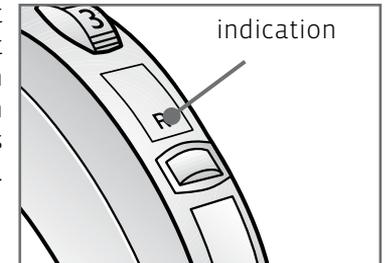
If you detach the ear moulds from the hearing instruments when cleaning and/or storing them, verify that you have connected the ear moulds to the appropriate hearing instrument before fitting them to your ears.



left

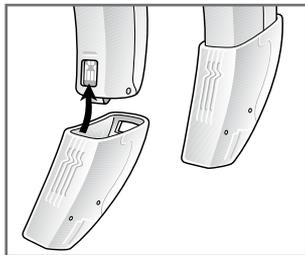
right

To properly identify your left instrument from your right you should see an indication just above the Push button (see page 10), that designates which ear the instrument is for. L is for Left and R is for Right.



Direct Audio Input (DAI) capability

This hearing instrument is equipped with direct audio input (DAI) capability. DAI allows an external sound source to be connected directly to the hearing aid via a DAI boot. You will receive an improved signal, when using DAI, because the sound is fed directly into the hearing aid, bypassing some of the normal sources of noise.



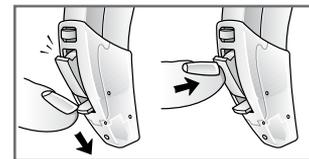
Some of the external devices that can be connected to the DAI boot are a telephone, a CD player, a computer etc...

The DAI boot is an optional accessory that can be purchased through your hearing care professional.

- The sound source connects to your hearing instrument with a cable and an audio boot.
- To use direct audio input (DAI), set the hearing instrument to the DAI program (available in program 4).
- In this program, you will typically not hear any sound from the microphone. Therefore, most environmental sounds will not be heard in the ear that is set to DAI.

The hearing instrument can be turned on and off when the DAI boot is connected:

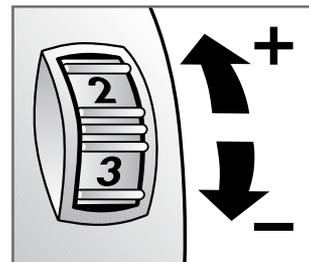
- Turn off by pushing the plug downwards
- Turn on by pushing the battery door shut



Setting the volume

Volume is adjusted by means of a conveniently located rotary control marked from »1« (minimum level) to »4« (maximum level).

Your instrument has a volume control which allows you to set and control the volume manually. At the hearing instrument fitting, your hearing care practitioner will choose an optimal volume setting for you. Please note the setting of that particular level.



Your volume control has numbers on it to indicate how loud the hearing instrument is set.

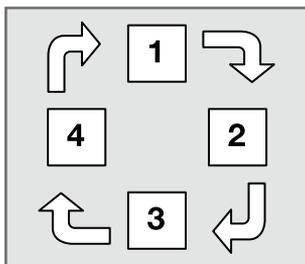
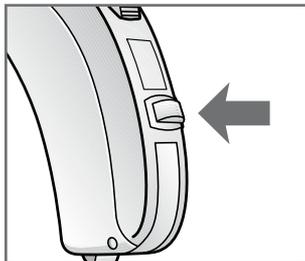
Program button

Your hearing instrument has a push button enabling you to use four different listening programs, each of them suitable for different listening environments.

- One single beep will be heard if the instrument is in program 1
- Two beeps will be heard if the instrument is in program 2
- Three beeps will be heard if the instrument is in program 3
- Four beeps will be heard if the instrument is in program 4

When you close the battery door, the hearing instrument will automatically turn on and the instrument will be set for program 1.

Press the program button to select a different listening program.



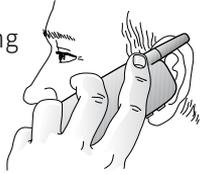
Program number	Type of program	Intended for listening situations
1	Basic Program	Most situations
2	Comfort Program	Background noise
3	Telecoil	Assistive Listening System
4	Direct Audio Input (DAI)	Assistive Audio Shoe System

Telecoil-Program

Your hearing instrument has a built in function called the telecoil, which offers improved hearing when used with a telecoil compatible telephone or assistive listening device. In this program, you typically will not be able to hear any sound from the microphone, but will be able to get direct sound input via a telecoil compatible telephone and/or a loop system, e.g. in churches, theatres, etc., or at home. In order to activate the telecoil, the telecoil program available in program 3 must be selected.

Telephone use

Using the telephone, while wearing your hearing instrument, may require some practice. Many hearing instruments will whistle, when the phone is held up against them. To avoid this problem, your hearing instrument has an induction coil. By switching the program button to the telecoil program (typically program 3), the hearing instrument will only pick up sounds coming from the telephone. You may need to adjust the volume on the hearing instrument to improve hearing understanding on the telephone. The receiver of the telephone should be placed as shown in the drawing.



Cellular Phone and Hearing Instrument Compatibility

Hearing instrument performance with cellular phones may vary based on the individual hearing system or the cell phone being used. If your hearing system and cell phone are not compatible you may experience a buzzing or clicking noise while using the two in conjunction. If this is the case with your current hearing system and cell phone, consult with your hearing healthcare professional to see if there are options to improve the sound quality.

Measures you can take to prevent this situation:

- When purchasing a hearing system, be sure to test it with your existing phone to determine compatibility.
- When shopping for a new cell phone, be sure to test it with your hearing system before purchasing.

For additional guidance, please consult your cell phone provider.

Using Assistive Listening (Tele-Loop) Systems

Many gathering places are equipped with assistive listening (tele-loop) systems, for example, in schools, theaters and houses of worship. To take advantage of a tele-loop system, select the telecoil program (program 3). When the telecoil program has been selected, you will be able to hear a clean sound signal via the tele-loop system. If the instrument goes dead in the telecoil program, this may be because the loop system is not operating.

If a school, theater or house of worship does not have a tele-loop system, try and sit as close as possible to the front and use one of the microphone programs.

Maintenance and cleaning

Earwax (cerumen) can accumulate in and on the earmould during use. Therefore, clean your earmould regularly. Failure to do so can lead to an accumulation of earwax, impairing sound quality.

Keep your hearing instrument clean and dry. Wipe the case with a soft cloth or tissue after use to remove grease or moisture. You should avoid exposing your instrument directly to moisture such as rain or water from the shower. If your instrument does get wet or if it has been exposed to high humidity or perspiration, it should be left to dry out overnight with the battery out and the battery compartment open. It is also a good idea to put them in a sealed container together with a drying agent (desiccator) overnight. Consult your hearing care professional as to which drying agent to use.

Storing your instrument

When you are not using your instrument, keep or transport it in the box supplied. Leave the battery door open. Keep your instrument in a dry place, not in a bathroom or other humid place. Alternatively, you could store the instrument in a dessicator available from your hearing care practitioner.



Cleaning the earmould

- First, remove the tubing and earmould from the hearing instrument. Keep left and right instrument separated.
- Remove earwax with the cleaning brush and a soft cloth. If needed, use a mild solution of soft soap and water or a special cleaning solution. Ask your hearing care practitioner for detailed instructions.
- Rinse the earmould with water.

Note: Do not use water or other liquid on the hearing instrument itself.

- Dry the earmould with a cloth.
- Blow possible water drops from tubing and earmould. A special device is available for this from your hearing care practitioner.
- Ensure that the earmould and tubing are completely dry before attaching them to the hearing instrument. Take care with left and right instruments, check the figures on page 7.

Replacing the tube

Ask your hearing care practitioner to replace the tubing from the instrument to the earmould if it turns stiff or changes colour.

General warnings

- Do not leave your hearing instrument in the sun, near an open fire or in a hot, parked car.
- Do not wear your instrument while showering, swimming, in heavy rain or in a moist atmosphere such as steam bath or sauna.
- Should your instrument become moist, put it in a dessicator. Your hearing care practitioner will be happy to counsel on this.
- Remove your instrument when applying cosmetics, e.g. perfume, aftershave, hair spray, suntan lotion.
- Hearing instruments should be used only as prescribed by your hearing care practitioner. Incorrect use may result in sudden and permanent hearing loss.
- Do not allow others to use your hearing instrument. It may cause permanent damage.
- Hearing instrument usage by children or mentally challenged persons should be supervised at any time.
- Do not take your instrument into rooms where you receive treatment with X-rays or MRI.
- Wearing a hearing instrument might cause an increased production of earwax. In rare cases, the anti-allergenic materials may cause skin irritation. If so, or if in doubt, consult your physician or ENT consultant.

TROUBLESHOOTING GUIDE

SYMPTOM	CAUSE	POSSIBLE REMEDY
No sound	<ul style="list-style-type: none">• Not turned on• Dead battery• Battery improperly inserted• Blocked ear mould or tube• Not in the right programme	<ul style="list-style-type: none">• Turn on• Replace battery• Insert battery properly• Clean ear mould or tube blockage• Change to proper programme, e.g. if in the Telecoil or DAI programme, can't hear the sound in air.
Not loud enough	<ul style="list-style-type: none">• Loose ear mould• Blocked ear mould or dome• Change in hearing• Excessive ear wax• Volume set too low	<ul style="list-style-type: none">• Reinsert carefully• Clean ear mould or dome• Consult your hearing care professional• Consult your physician• Consult your hearing care professional
Whistles	<ul style="list-style-type: none">• Loose ear mould• Is the volume very loud?	<ul style="list-style-type: none">• Remove and reinsert• Reduce it
Sound not clear or distorted	<ul style="list-style-type: none">• Weak battery• Poorly fitting ear mould or dome• Hearing instrument damaged• Hearing instrument settings not optimal	<ul style="list-style-type: none">• Replace battery• Consult your hearing care professional• Consult your hearing care professional• Consult your hearing care professional

If you experience additional problems not addressed in this guide, please contact your hearing care professional.

International warranty and service

Any digital hearing instrument from ReSound has an international warranty. Read more on this subject on the warranty card you received with your instrument.

Repairs

If your ReSound hearing instrument malfunctions, it must be repaired by a qualified technician. Do not attempt to open the case of the hearing instrument since this would invalidate the warranty. If your ReSound hearing instrument requires service, please contact your hearing care professional for assistance.

General Precautions

- Consult a physician if you find a foreign object in your ear canal, if you experience skin irritation or if excessive earwax accumulates with the use of the hearing instrument.
- Different types of radiation, e.g. from NMR, MRI or CT scanners, may damage the hearing instrument. Therefore, do not wear the hearing instrument during these or other corresponding scanning procedures. Other types of radiation (burglar alarms, room surveillance systems, radio equipment, mobile telephones, etc) contain less energy and will not damage the hearing instrument. They could however momentarily affect the sound quality or create strange sounds from the hearing instruments.
- Warning: Do not wear the hearing instrument in mines or other explosive areas, unless those areas are certified for hearing instrument use.

• Warning to hearing care practitioners

Special care should be exercised in selecting and fitting hearing instrument(s) whose maximum sound pressure level exceeds 132 dB SPL with an IEC 60711: 1981 occluded ear simulator, because there may be a risk of impairing the remaining hearing of the hearing instrument user.

Technical Data

Maximum Output (2cc Coupler / IEC 60118-7)

Match MA3T90-VI

141 dB SPL

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Please ask your local hearing care professional concerning disposal of your hearing instrument

ReSound

rediscover hearing

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Any issues relating to the EU
Medical Device Directive 93/42/EEC
should be directed to ReSound A/S.