

USER GUIDE

ReSound Match BTE

MA1T70-V,
MA2T70-V, MA2T80-V
MA3T70-V, MA3T80-V



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 BTE (Behind-The-Ear) models in the ReSound Match product line. The available options depend on the hearing instrument model; your hearing care professional will highlight the features of your particular hearing instrument.

ReSound's advanced technology and customized programmes, selected by your hearing care professional, 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 following ReSound Match BTE products: MA1T70-V, MA2T70-V, MA2T80-V, MA3T70-V and MA3T80-V

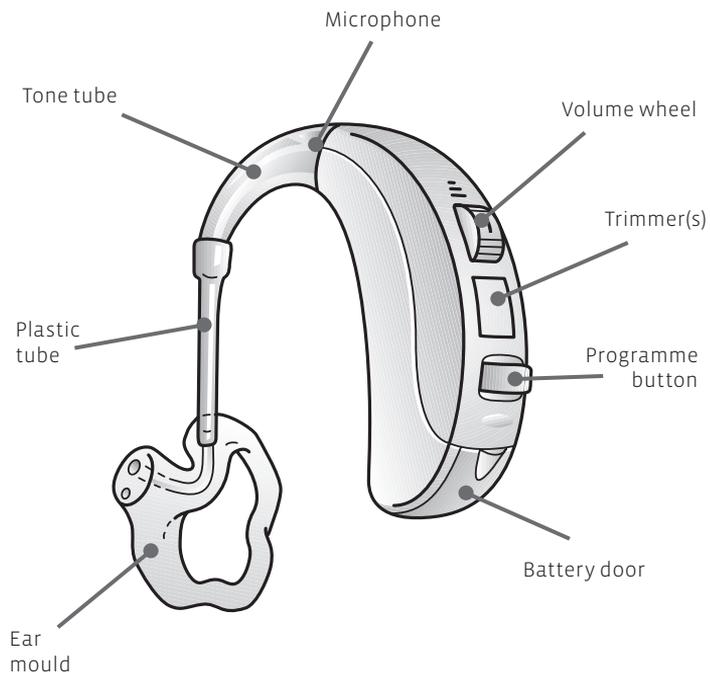
ReSound Match is a trademark of ReSound A/S.

This booklet & your instrument

In this booklet you will find instructions for inserting, using and caring for your new hearing instrument.

Contents	page
Your ReSound Match Hearing Instrument	4
On/Off Function	5
Low Battery Warning	6
Changing the Battery	7
Battery Warning Information	8
Inserting the Instrument	9
Removing the Instrument	10
Recognizing Left & Right instrument	11
Volume Control	12
Pre-Set controls – trimmers	13
Programme Selector	14
Telephone use	15
T-programme	16
Hearing through Induction loop	17
Daily Maintenance	18
Cleaning the Ear Mould	19
Repairs	20
General Precautions	21
Troubleshooting Guide	22-23
Technical Data	24
Key Word Index	25

Your ReSound Match MA1T70-V, MA2T70-V, MA2T80-V, MA3T70-V and MA3T80-V Hearing Instruments



Turning on and off

Your ReSound Match BTE is equipped with an on/off switch integrated into the battery compartment.

Turn your hearing instrument on by closing the battery door.

Turn your instrument off by opening up the battery door.

When first turned on, your hearing instrument will always start in programme 1.

To read more on this subject, turn to page 14.

- Turning your instrument off when you are not using it will increase the battery life.
- At night, turn off your instrument and open the battery door completely. It will allow moisture in your instrument to evaporate and will increase the instrument's life span.

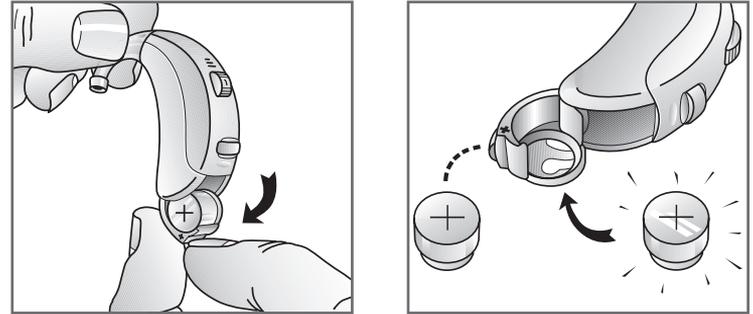


Low Battery Warning

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 compartment completely, using your fingernail to pull back on the small ridge located at the top of the door. After removing the old battery, insert the new one with the “+” (flat) side facing the “+” on the battery door. Make sure the battery has been placed correctly into the slot. The battery door should close very easily. Never use force to close the door as this may damage your hearing instrument.



MA1T70-V, MA2T70-V, MA2T80-V, MA3T70-V and MA3T80-V
Hearing Instruments

Always use a size 13 Zinc-Air battery. Please note that if the battery is weak, the hearing instrument performance will be reduced. Removing the battery when you are not wearing the instrument will help prevent corrosion of the battery contacts and prolong battery life.

Battery Warning Information

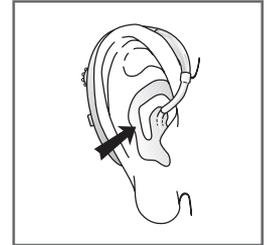
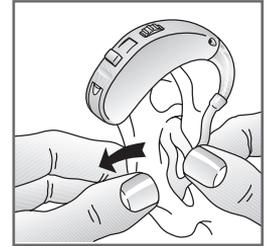
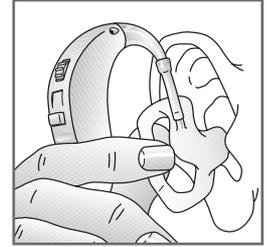
Batteries contain dangerous substances and should be disposed of carefully in the interest of your safety and for the environment.

- Do NOT attempt to recharge batteries which are not specifically designated rechargeable as they may leak or explode.
- Do NOT attempt to dispose of batteries by burning them.
- Keep batteries away from small children and pets.
- Do NOT place batteries in your mouth.

If swallowed, seek immediate medical attention.

Inserting your instrument

- Open the battery door to turn the instrument off. Hold the ear mould between your thumb and index finger and position its 'point' in your ear canal. Now, slide the ear mould all the way into your ear with a gentle, twisting movement. Insertion can be easier if you gently pull your ear back with your other hand.
- Turn the top-part of the ear mould gently backwards and forwards so that it fits 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 lightly to ensure it is positioned correctly in the ear. Opening and closing your mouth can ease insertion. You will feel when the ear mould is positioned correctly.
- When correctly positioned turn on your instrument by closing the battery door.



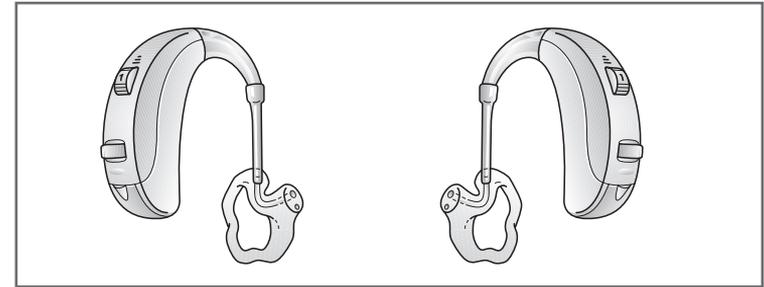
Removing your instrument

- Turn off the instrument by opening the battery door.
- Remove the hearing instrument from behind your ear, allowing it to hang next to your ear.
- Using your thumb and index finger, gently pull the ear mould (not the instrument or the tubing) loose from your ear.
- Remove the ear mould completely by gently twisting it.

Recognising left and right instrument

If you have two hearing instruments, they may be set differently. One for your left ear, the other for your right. Do not switch them. Please pay attention to this when cleaning, storing and inserting the instruments.

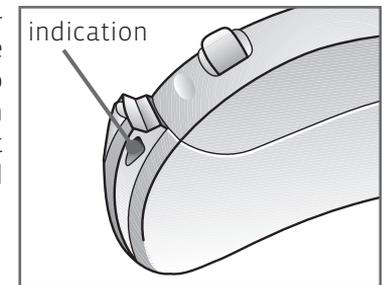
MA1T70-V, MA2T70-V, MA2T80-V, MA3T70-V and MA3T80-V Hearing Instruments with ear mould



left

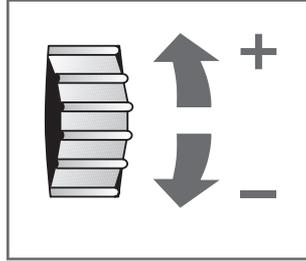
right

- If your hearing care practitioner has not already done so, you can ask him/her to mark your instruments with a coloured Left and Right indication: Left is blue and Right is red.



Volume Control

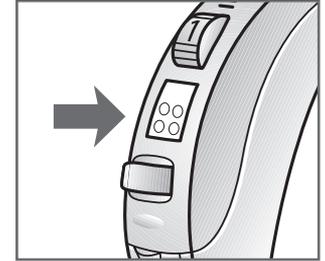
All the ReSound Match BTE models have a volume control which allows you to set and control the volume manually. The volume wheel has numbers on it from 1 to 4, with 4 being the maximum volume setting. During the fitting of the hearing instrument, your hearing care practitioner will select an optimal volume setting for you. Please note the setting of that particular level. To increase the volume with the instrument fit to your ear, turn the volume control wheel up. To reduce the volume, turn the wheel down.



Please note that your instrument has been fit by your hearing care professional and that your hearing loss requires a certain amount of amplification. This will also effect how much you are able to increase the volume on your instrument.

Pre-set Control (Trimmers)

Pre-set controls are placed behind the cover on the back of the instrument. The cover should always remain closed to prevent dirt and moisture from entering the instrument. If the cover should accidentally fall off, contact your hearing care professional to obtain a replacement.

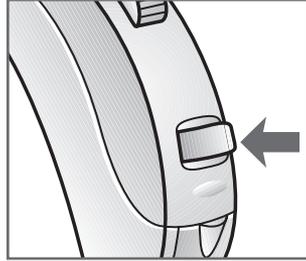


The pre-set controls will have been adjusted by your hearing care professional during your fitting session. The setting of the controls is done according to the individual characteristics of your particular hearing loss.

The control settings should therefore NOT BE ALTERED or readjusted except by your hearing care professional.

Programme Selector

Your hearing instrument has a push button allowing you to use up to three separate listening programmes, each of them suitable for different situations. The number of programmes available to you will depend on the hearing instrument model you purchased.



If you purchased an MA1T70-V, MA2T70-V or MA2 T80-V hearing instrument you will have 2 programmes to select from. The MA3T70-V and MA3T80-V hearing instruments have a third programme that is designed to be used with the telephone or in settings that have an induction loop system.

Programme 1 is the default programme. Programme 2 is specifically designed to make it easier for you to hear in noisy situations. Programme 3 has a built in function called the telecoil which is designed to make it easier for you to hear on the telephone or in places that have an induction loop system. When you push the programme selector you will then hear one, two or three “beeps”, indicating which programme you have selected. Your hearing instrument will switch programmes as follows:

Examples:

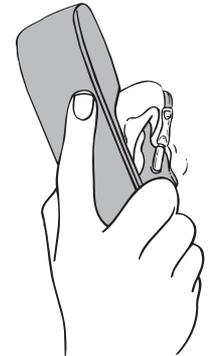
- The hearing instrument automatically defaults to programme 1. If you have 2 or 3 programmes, you can press the programme button once to get to programme 2 and twice to get to programme 3. You will hear 2 beeps when you are in programme 2 and 3 beeps when in programme 3.
- If you are in programme 2 or 3 and want to get back to programme 1, press the programme button until you hear just 1 beep.

In addition, you can also set your instrument to programme 1 by turning it off and then on again or by placing it in stand-by mode and then returning to its operating mode.

Telephone use

Using the telephone, while wearing your hearing instrument, may require some practice. Many hearing instruments will whistle when the telephone receiver is held up against them.

Place the telephone receiver as shown in the drawing. If you hear a “whistle” sound, try moving the telephone receiver so it is not touching the hearing aid.

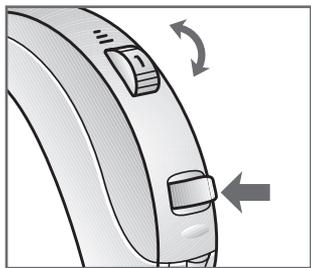


T-programme (Telecoil programme)

If you purchased an MA3T70-V or MA3T80-V hearing instrument, it will have a built in function, the telecoil, which can enable you to hear better on the telephone and in churches or halls that have an induction loop system installed in them. In order to activate this function, the telecoil programme has to be selected. In this programme you typically will hear no sounds from the microphone, therefore most environmental sounds will be lost. If you wish, your hearing care practitioner can change the setting in such a way that you hear the microphone and the telecoil simultaneously.

Using the telephone with induction loop.

- Switch your instrument to the telecoil programme (programme 3).
- Hold your telephone handset behind your ear, close to the hearing instrument (2-3 cm.) and slightly tilt the receiver outwards.
- Listen to the dial tone and move the handset a little to find the position that gives the best reception.
- If needed, turn the volume up or down.
- After completing the phone call, switch your instrument back to the microphone programme.



If the phone you are using has a poor telecoil signal, use programme 1 instead. Do not hold the handset too tightly against your ear since this might cause 'whistling'.

Hearing through an induction loop

Many public places, churches, theatres and cinemas, have induction loop systems. In these particular rooms, the induction loops transmit, wirelessly, the sound of the presenter or show. At home, radio or television can be connected to an induction loop system. Sound quality through an induction loop is often better because noise from the environment is not amplified.

- Switch your instrument to the telecoil programme.
- Choose a good location. Reception is not clear in all locations; it depends on the position of the induction loop. Watch for signs or try a different seat yourself.
- If necessary, adjust the volume up or down.
- After the service or show, switch your instrument back to your standard programme. You will now hear through the microphone again.
- If the sound in the telecoil programme is in general very soft or very loud, ask your hearing care practitioner to adjust the program accordingly.
- Your hearing care practitioner will gladly provide you with advice regarding an induction loop system at home. Ask for it.

Daily Maintenance

Keep your hearing instrument clean and dry. Wipe the case with a soft cloth or tissue after use to remove oil or moisture. If the instrument has been exposed to high humidity or perspiration, enclose it (with the ear mould) in a sealed container together with a drying agent (desiccant) overnight. Consult your hearing care professional concerning which drying agent to use.

To avoid the need for unwarranted repairs:

- Never immerse the instrument in water or other liquids since this may cause permanent damage to the circuitry.
- Protect your hearing instrument from rough handling, and avoid dropping it on hard surfaces or floors.
- Do not leave the instrument in or near direct heat or sun-light since excessive heat can damage the instrument or casing.

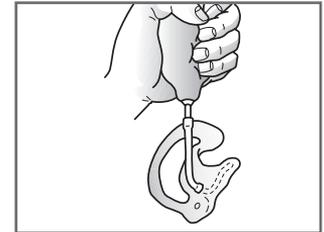
Cleaning the ear mould

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



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

- Dry the ear mould with a cloth.
- Remove water drops from the tubing and ear mould. A special device is available for this from your hearing care practitioner.
- Ensure that the ear mould and tubing are completely dry before attaching them to the hearing instrument. Make sure that you connect the correct earmoulds to their corresponding instruments. Check the figures on page 11.



Replacing the tube

Ask your hearing care practitioner to replace the ear mould tubing if it becomes stiff or changes colour.

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.

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	<ul style="list-style-type: none">• Turn on• Replace battery• Insert battery properly• Clean ear mould or tube blockage
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	<ul style="list-style-type: none">• Remove and reinsert
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.

Technical Data

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

MA1T70-V	126 dB SPL
MA2T70-V	126 dB SPL
MA3T70-V	126 dB SPL
MA2T80-V	133 dB SPL
MA3T80-V	133 dB SPL

Key Word Index

Battery change	6, 7, 8, 22
Battery compartment	4, 5, 7, 9, 10
Cleaning the instrument	11, 19
Ear Mould	11, 18, 22, 23
Environmental programmes	14
Low battery warning	6, 8
Maintenance	18
On/off switch	5
Precautions	21
Pre-set controls	13
Programme Selector	4, 14
Technical data	24
Telecoil	16, 17
Telephone use	15
Trimmers	4, 13
Troubleshooting guide	22-23
Volume control	4, 12, 22



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

ReSound

rediscover hearing

Worldwide Headquarters

ReSound A/S
Lautrupbjerg 7
DK-2750 Ballerup, Denmark
Tel.: +45 45 75 11 11
Fax: +45 45 75 11 19
www.resound.com

United Kingdom

GN ReSound Ltd.
Kirtlington Business Centre
Portway
Kirtlington
Oxon OX5 3JA
Tel.: 0 1869 352 800
Fax: 0 1869 343 466
www.gnresound.co.uk

Australia

GN ReSound Pty. Ltd.
Unit R1 Regent Park Estate
391 Park Road
Regent Park NSW 2143
Tel.: (free) 1800 658 955
Fax: 02 9743 7472
www.gnresound.com.au

New Zealand

GN ReSound (NZ) Ltd.
12 Parkway Drive
Mairangi Bay
Auckland
Tel.: (free) 0800 900 126
Fax: (free) 0800 007 695
www.gnresound.co.nz



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