

RC-A

Remote Control



Instructions for Use

bernafon[®]
Your hearing • Our passion

Introduction to this booklet



This booklet guides you on how to use and maintain your new RC-A. Please read the booklet carefully including the warning section. This will help you get the most out of your new remote control.

If you have further questions about using your remote control, please contact your hearing care professional.

Intended use

RC-A is intended to assist users of wireless hearing aids to control functionality provided by their hearing solution.

RC-A is intended to be used by children (> 36 months) and adults together with their hearing solution.

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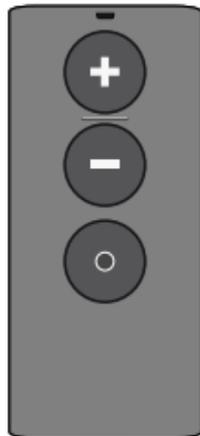
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Package contents

You will find the following items in the package:

RC-A



2x AAAA
batteries



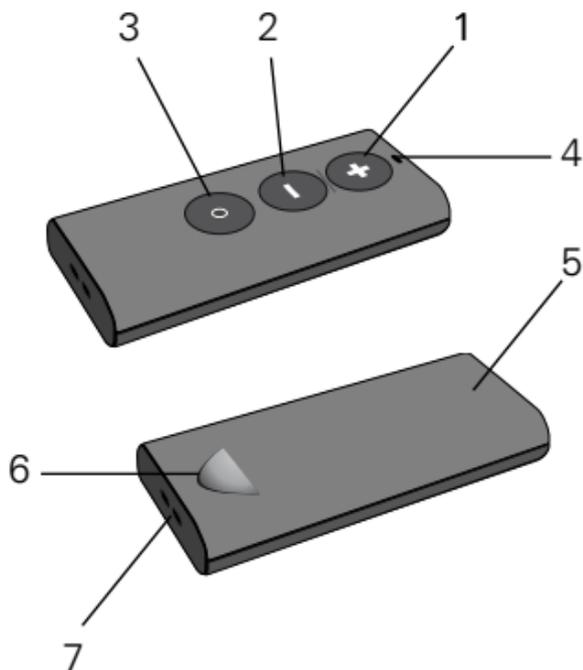
This booklet



Product overview

- 1 Volume control up
- 2 Volume control down
- 3 Program change
- 4 Status light

- 5 Battery cover
- 6 Finger grip
- 7 Strap holes

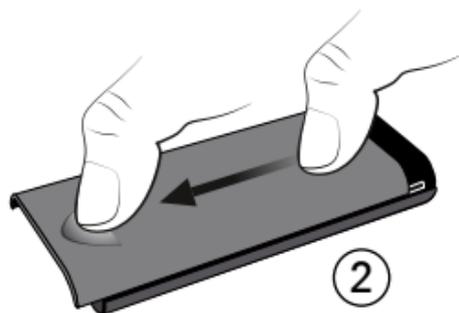
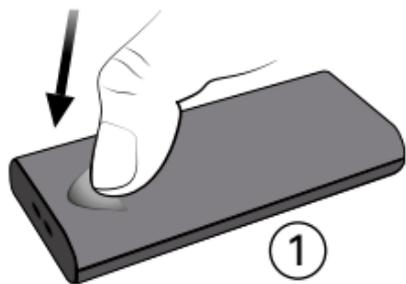


Battery insertion and removal

The RC-A uses two alkaline AAAA batteries. Please follow these instructions to insert new batteries. Battery life will vary depending on the condition of use. Standard use requires battery replacement approximately once a year. Remove any used batteries and discard them according to local regulation.

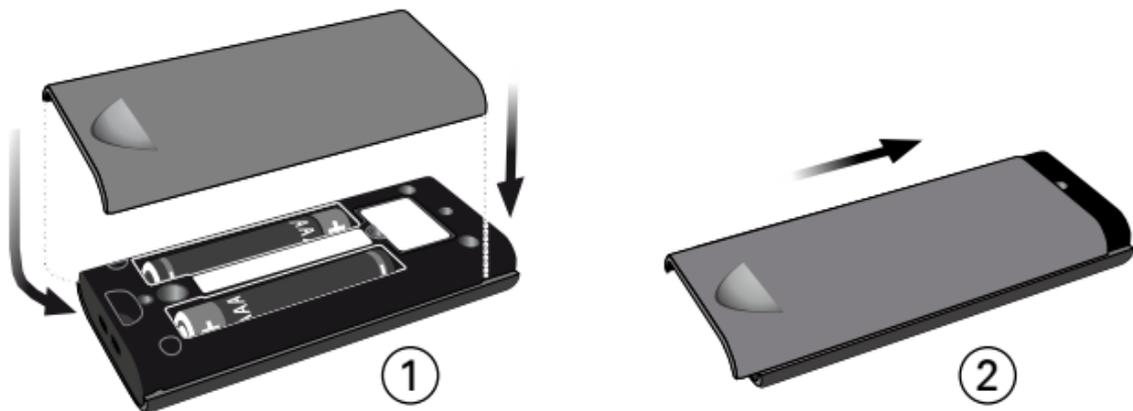
Remove the battery cover

1. Using your thumb, push down on the finger grip.
2. From the opposite end of the battery cover, push in the direction of the finger grip with your other thumb.
3. Lift the battery cover off completely.
4. Insert the batteries into the battery compartment making sure that the “+” sign on the battery matches with the “+” sign in the battery compartment.



Replace the battery cover

1. Replace the battery cover approximately 6 mm down from the top of the RC-A.
2. Slide the battery cover as shown, until it clicks.



IMPORTANT NOTICE

The battery cover should never be forced. If force is required to replace the cover, check the alignment and reposition it so that it clicks easily into place.

Pairing the remote control with your hearing aids

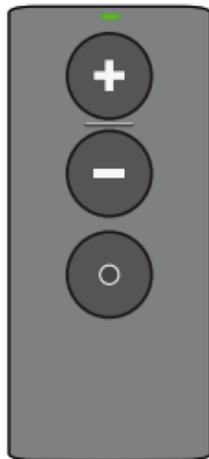
The remote control is a personal device intended to be used with one set of hearing aids. The remote control can operate up to two hearing aids at a time after pairing.

Before the remote control can be used with your hearing aids, the devices need to be paired.

You can choose to pair the remote control with either two hearing aids at the same time or with one hearing aid at a time. You need to repeat the pairing process if you choose to pair your hearing aids one at a time. In the following instructions, a set of hearing aids is being paired with the remote control.

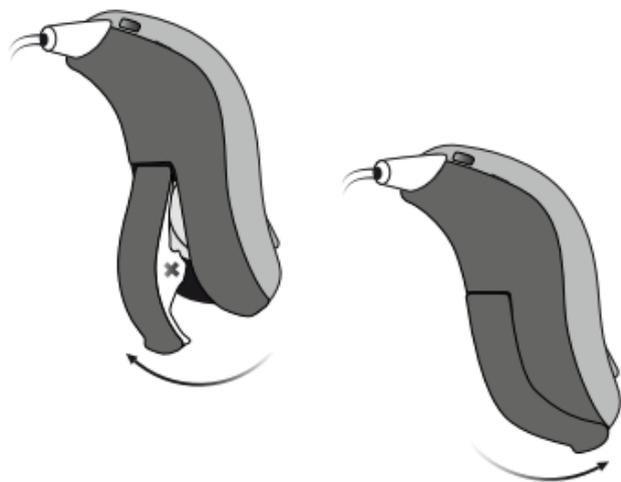
Remote control ready

1. Check that the remote control has working batteries by pressing any button. With working batteries, the RC-A status light will illuminate for as long as the button is held down.



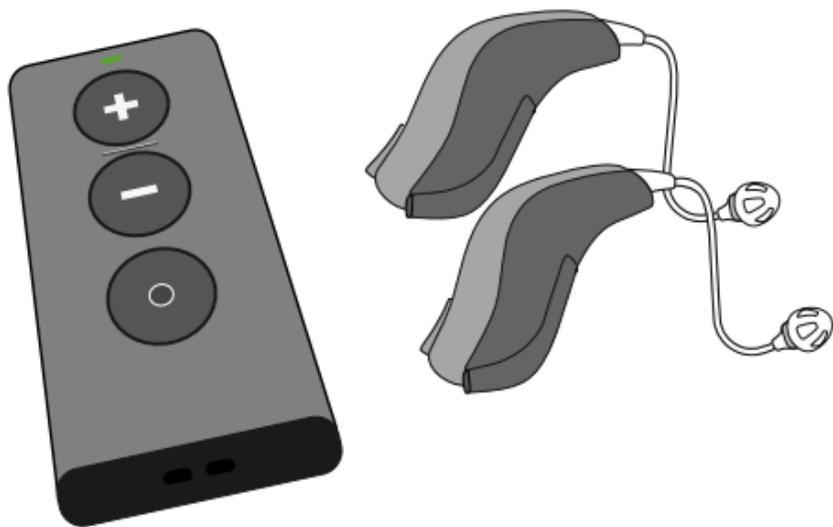
Hearing aids ready

2. Open and close the battery drawer on both of your hearing aids.



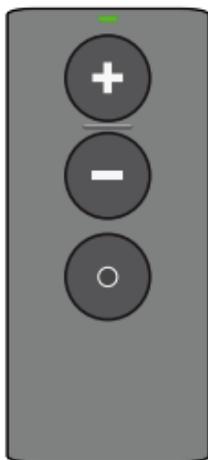
In range

3. Place both of your hearing aids within range of the remote control (i.e. within 20 cm).



Pairing

4. Press any button on the remote control and it will automatically pair with the hearing aids in range.

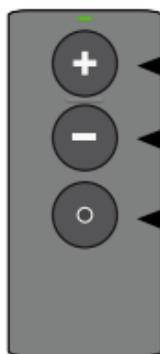


When the status light on the remote control lights up steady green for 10 seconds, the devices have been paired successfully.

Remove the pairing between the remote control and hearing aids

The remote control can be paired to a set of hearing aids at once. If you need to pair your remote control to another set of hearing aids, first you have to remove the current pairing.

To clear the current pairing, press and hold the three buttons together for 5 seconds.



Press for approximately 5 seconds to remove the current pairing

When the status light on the remote control lights up steady green for 10 seconds, the pairing has been cleared successfully.

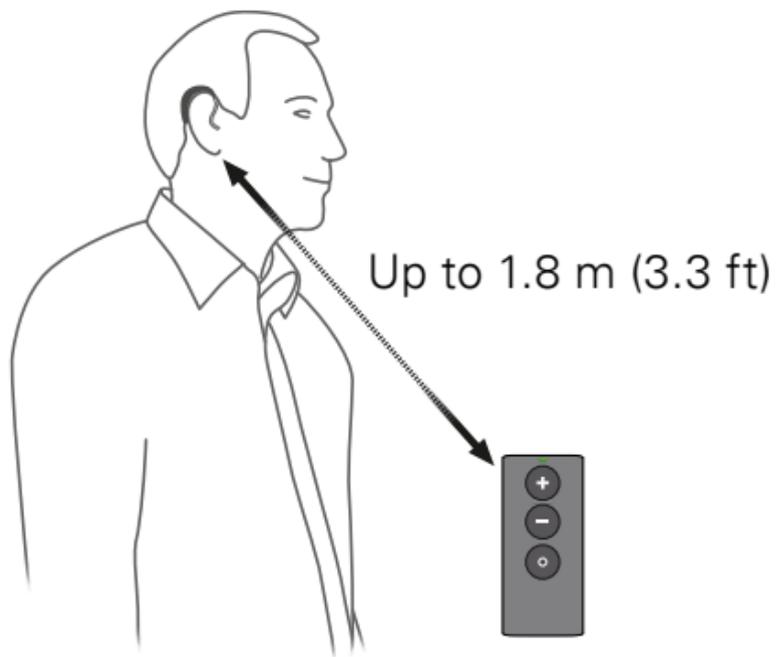
Your remote control is ready to be paired again with your hearing aids (see page 14).

Operating range

With the remote control you can operate your hearing aids from a distance of up to 1.8 meters (3.3 feet).

A direct line of sight between the remote control and your hearing aids is not required.

If you have paired two hearing aids to the remote control, both will be adjusted at the same time.



Confirmations

Visible indications

The status light on the remote control will light up when a button is pressed.

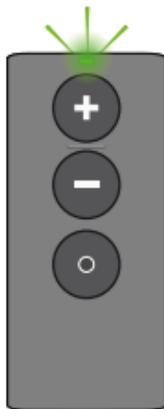


Audible indications

You will hear a sound in your hearing aids which confirms the action performed.

Battery low

If the batteries are running low, the status light will blink rapidly whenever a button is pressed. In this case, replace the batteries at your earliest convenience.



Change programs

The remote control can be used to change programs if your hearing care professional has made more than one program available in your hearing aids.

Simply press the program button on the remote control to go through the hearing aid programs. Each press will advance the hearing aids to the next program in the cycle.



Press to change program

IMPORTANT NOTICE

Please refer to your hearing aid's "Instructions for Use" for details on the functionality of your specific hearing aid solution.

Adjust volume

With the remote control, you can adjust the volume of your hearing aids by using the volume control buttons.

You will hear a short confirmation in your hearing aids when you turn the volume up or down.

Press the volume up button to increase the volume of your hearing aid.

Press the volume down button to decrease the volume of your hearing aid.



Press “+”
to increase volume
(louder sound)



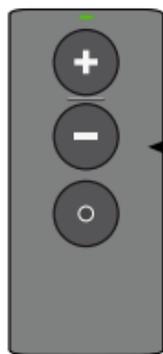
Press “-”
to decrease volume
(softer sound)

Mute

Use the mute function if you need to silence the hearing aids while wearing them. Press and hold the volume down button for approximately 2 seconds until the status light turns off, to mute the hearing aids.

Unmute

Briefly press any button on the remote control to unmute your hearing aids.



Press for approximately
2 seconds to mute

IMPORTANT NOTICE

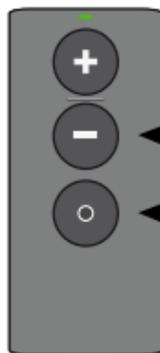
Please refer to your hearing aid's "Instructions for Use" for details on the functionality of your specific hearing aid solution.

Lock/unlock the RC-A buttons

To prevent accidental button presses when the RC-A is in your pocket, you may wish to lock the buttons.

Locking the remote control buttons

1. Press and hold the volume down and program buttons together for 3–4 seconds.



Press for approximately 3–4 seconds to lock

2. The status light will blink two times when the buttons are locked.

To confirm the buttons are locked, press any key. The status light will blink three times to confirm.

Unlocking the remote control buttons

1. Press and hold again the volume down and program buttons together for 3–4 seconds.
2. The status light will be steadily illuminated until the keys are unlocked.

Strap holes

For your convenience, the RC-A has a strap hole, allowing you to attach a small strap for carrying and securing your RC-A more easily.

1. Remove the battery cover (see pages 10 and 11).
2. Thread a small strap through the strap holes.



Taking care of your remote control

When changing the batteries or cleaning the remote control, hold it over a soft surface to avoid damage if you drop it.

IMPORTANT NOTICE

Use a soft, dry cloth to clean the remote control. It must never be washed or immersed in water or other liquids.

Warnings

You should familiarize yourself fully with the following general warnings and the entire contents of this booklet before using your remote control to ensure personal safety and correct use. Consult your hearing care professional if you experience unexpected operations or events with your remote control.

Choking hazards and risk of swallowing batteries or other small parts

- Your remote control, its parts and batteries should be kept out of reach of children and anyone who might swallow these items or otherwise cause injury to themselves.

If a battery or other small parts are swallowed, see a doctor immediately.

Warnings

Cross control

- Your remote control should be kept out of reach of children or anyone who might take control of the functionality, to ensure your personal safety and avoid incorrect use.

Use of straps

- If a hand strap is used, make sure it is designed and suitable for the purpose. Never use a lanyard due to the risk of strangulation.

Battery use

- Always use batteries recommended by your hearing care professional. Batteries of low quality may leak and cause bodily harm.
- Never attempt to recharge your batteries and never dispose of batteries by burning them. There is a risk that the batteries will explode.

Warnings

Active implants

- Caution must be taken with active implants.
- If you have an active brain implant, please contact the manufacturer of your implantable device for information about the risk of disturbance.

X-ray/CT/MR/PET scanning, electrotherapy and surgery

- Remove your remote control before X-ray/CT/MR/PET scanning, electrotherapy, surgery etc., as the remote control may be damaged when exposed to strong fields.

Possible side effects

- The otherwise non-allergenic materials used in your remote control may in rare cases cause skin irritation or other side effects.

Please seek consultation with a physician if these conditions occur.

Warnings

Heat and chemicals

- Your remote control must never be exposed to extreme heat e.g. left inside a parked car in the sun.
- Your remote control must not be dried in microwave ovens or other ovens.
- The chemicals in cosmetics, hair spray, perfume, aftershave lotion, suntan lotion and insect repellent can damage your remote control. Always remove your remote control before applying such products and allow time to dry before use.

Use in traffic

- Using the remote control while driving can distract you. Please refer to national traffic laws regarding the use of communication devices while in traffic.

Use on aircraft

- Your remote control contains Bluetooth®. The remote control should not be used on board of an aircraft unless specifically permitted by the flight personnel.

Warnings

Interference

- Your remote control has been thoroughly tested for interference according to the most stringent international standards. However, interference between your remote control and other devices (e.g. some mobile telephones, citizens band devices, shop alarm systems and other wireless devices) may occur. If this occurs, increase the distance between the remote control and the interfering device.

Explosives

- The power source in your remote control has insufficient energy to cause fire in normal conditions of use. The remote control has not been tested for compliance with international standards concerning explosive environments. We recommend not to use your remote control in areas where there is a danger of explosions.

International warranty

The RC-A remote control is covered by an international limited warranty issued by the manufacturer for a period of 12 months from the date of delivery.

This limited warranty covers manufacturing and material defects in the device itself, but not in accessories such as batteries, cables, power supplies, etc. Problems arising from improper/incorrect handling or care, excessive use, accidents, repairs made by an unauthorized party, exposure to corrosive conditions, damage due to foreign objects entering the device or incorrect adjustments are NOT covered by the limited warranty and may void it.

The above warranty does not affect any legal rights that you might have under applicable national legislation governing sale of consumer goods. Your hearing care professional may have issued a warranty that goes beyond the clauses of this limited warranty. Please consult him/her for further information.

If you need service

Take your remote control to your hearing care professional, who may be able to sort out minor problems and adjustments immediately.

Date:

Model:

Warranty period:

Serial no.:

Hearing Center

Technical information

Model	RC-3B
Operating conditions	Temperature: 5°C – 40°C Humidity: 15% – 93%, non-condensing Operating atmospheric pressure: 700hPa to 1060hPa
Storage and transportation conditions	Temperature: –25°C – 70°C Humidity: 15% – 93%, non-condensing
Mechanical dimensions	75.3 x 35 x 11.8 mm; weight 32.7 g (incl. batteries)

Compatibility	Bernafon hearing aids with 2.4GHz radio technology
Battery type	2 x AAAA
Battery life at normal use	12 months
Typical transmission range	Up to 1.8 m
Status indicator	Green LED

Transceiver:	
Operating frequency	2.402 GHz – 2.480 GHz (ISM Band)
Number of channels	39
Output power	<10 dBm EIRP
Channel of bandwidth	1 MHz
Type of modulation	GFSK
ITU designator	F7D

The RC-A contains a radio transceiver using Bluetooth® Low Energy (BLE) and a proprietary short range radio technology both working at 2.4 GHz. The 2.4 GHz radio transmitter is weak and always below 10 dBm EIRP in total radiated power. The remote control complies with international standards concerning electromagnetic compatibility and human exposure.

Due to the limited space available on the remote control, relevant approval markings can be found in this booklet.

USA and Canada

This device is certified under:

FCC ID: 2ACAHREMCTR03

IC: 11936A-REMCTR03

This device complies with Part 15 of the FCC Rules and with Industry Canada's licence-exempt RSSs.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause

harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the manufacturer or an experienced radio/TV technician for help.

The manufacturer declares that this remote control is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Declaration of conformity is available from the manufacturer:



SBO Hearing A/S
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Denmark
www.sbohearing.com

176776/UK

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19 mm
v

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v < 15 mm >



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Waste from electronic
equipment must be
handled according to
local regulations.



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