

INSTRUCTIONS FOR USE

**Amigo Star
FM Receiver**



Thank you

Thank you for choosing our product as your means to better understanding. To support your efforts, we have put great care and attention into making sure that your new Amigo Star has the highest quality and is easy to use and maintain.

We recommend that you read this manual carefully to achieve the maximum benefit from your new device.

To meet your needs, various functions may be configured on your Amigo Star.

The actual configuration of your device is marked (ticked off) by your Hearing Care Professional in relevant sections of this manual. Also see the last page for a complete overview of all functions configured on your device.

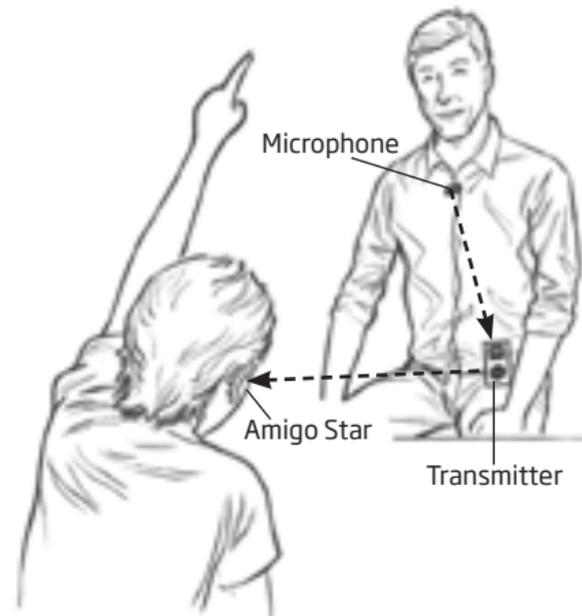
If you have any questions about the use or maintenance of your Amigo Star please contact your Hearing Care Professional.

Indications for Use

The Amigo Star is intended to direct sound to the ear that has been received from an FM transmitter.

Amigo Star is intended for normal hearing people who can benefit from Assitive Listening Devices (ALDs). It is designed to deliver a clear source signal/speech signal in various everyday activities in order to overcome any negative effects of distance, poor room acoustics, and background noise.

The Amigo Star cannot be used on its own. It must be used with an FM transmitter.



IMPORTANT NOTICE

Please familiarise yourself with the entire contents of this booklet before using your Amigo Star. It contains instructions and important information about the use and handling of your hearing device and batteries.

Contents

Device view Amigo Star	7
Warnings	8
Activating Amigo Star for the first time	15
Changing batteries	16
Turning your Amigo Star on and off	18
Left/Right ear marking	20
Attaching the Corda ² (thin tube)	21
Putting on your Amigo Star	22
LED Indicator Light	23
Channel seek push-button	24
Volume Control	25
Tamper-resistant battery door option	26
Using your Amigo Star	27
Caring for your Amigo Star	29
Cleaning Tools	30
Cleaning the Corda ² (thin tube)	31

Continues on next page

Daily maintenance with Corda ² Domes	32
Replacing the Corda ² Dome	33
Handling of Corda ²	34
Sleep and Off modes	35
Amigo Star and water resistance	36
Avoiding damage due to heat, humidity and chemicals	39
Common problems and their solutions	40
International Warranty	44
Technical information	46
Settings overview for your Amigo Star	49

Device view Amigo Star

Your ear piece:



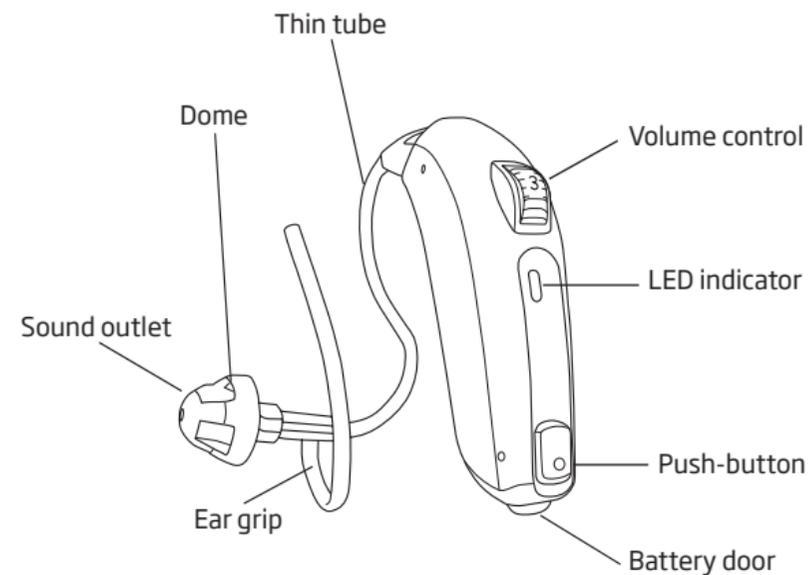
Corda² Tube:

- | | |
|--------------------------------------|---------------------------------------|
| <input type="checkbox"/> Left Size 0 | <input type="checkbox"/> Right Size 0 |
| <input type="checkbox"/> Left Size 1 | <input type="checkbox"/> Right Size 1 |
| <input type="checkbox"/> Left Size 2 | <input type="checkbox"/> Right Size 2 |

Open Dome:

- | |
|---|
|  <input type="checkbox"/> Small: |
|  <input type="checkbox"/> Medium |
|  <input type="checkbox"/> Large |

Battery size: 312



Warnings

Amigo Star is not a replacement or substitute for a hearing instrument.

Consult your Hearing Care Professional prior to using Amigo Star to ensure it is an appropriate device for you to use.

Warnings

You should familiarize yourself fully with the following general warnings and the entire contents of this booklet before using your Amigo Star.

Usage of Amigo Star

- Amigo Star should be used only as directed and adjusted by your Hearing Care Professional. Misuse can result in sudden and permanent hearing loss.
- Never allow others to wear your Amigo Star as incorrect/wrongful usage could cause permanent damage to their hearing.
- Please be aware that the dome may occasionally come off in the ear canal. If you can, carefully take it out. Do not push the dome into the ear canal. Do not push the tube into the ear again before the dome is removed. If you have any doubts about how to remove the dome contact your Hearing Care Professional.

Warnings

Choking hazards

- Hearing devices, their parts, and batteries are not toys and should be kept out of reach of children and anyone who might swallow these items or otherwise cause injury to themselves.
- Never change the battery or adjust the controls of the hearing devices in front of infants, small children or people with learning difficulties.
- Discard batteries carefully in a place where infants, small children or people with learning difficulties cannot reach them. Most hearing devices can be supplied with a tamper-resistant battery compartment upon request. This is strongly recommended for infants, small children, and people with learning difficulties.

If a battery or hearing device is swallowed, see a doctor immediately.

- Batteries have occasionally been mistaken for pills. Therefore check your medicine carefully before swallowing any pills.
- Never put your hearing device or batteries in your mouth for any reason, as they are slippery and could be swallowed by accident.

Warnings

- Amigo Star can be supplied with a tamper-resistant battery compartment upon request. This is strongly recommended for infants, small children, and people with learning difficulties.

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. They may explode and cause serious injury. Never dispose of batteries by burning them. There is a risk that they will explode and cause serious injury.

Dysfunction in hearing devices

- Hearing devices may stop functioning, for instance if the batteries have expired or if the tubing is blocked by moisture or earwax. You should be aware of this possibility, in particular when you are dependent on warning sounds.
- Amigo Star may stop functioning, for instance if the batteries have expired or if the Corda² thin tube or dome is blocked by moisture or earwax. If this happens refer to the troubleshooting section on page 40.

Warnings

Active implants

- Oticon shows caution and advises following the guidelines as recommended by manufacturers of implantable defibrillators and pacemakers regarding use of mobile phones.
- If you wear an active implant, then keep the hearing devices more than 15 cm away from the implant e.g. do not carry them in a breast pocket. If you have an active brain implant, please contact the manufacturer of your implantable device for information about the risk of disturbance.
- The MultiTool has a built-in magnet. If you have an implantable device, such as pacemakers or defibrillators, the MultiTool should not be carried in a breast pocket or near the chest.

Explosives

- The power source in your hearing device has insufficient energy to cause fire in normal conditions of use.
- The hearing device has not been tested for compliance with international standards concerning explosive atmospheres. It is not recommended to use your hearing devices in areas where there is a danger of explosions.

Warnings

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

- Remove your Amigo Star for example during X-ray, CT / MR / PET scanning electrotherapy or surgery as your device may be damaged when exposed to strong fields.

Possible side effects

- Wearing Amigo Star may cause an accelerated accumulation of ear wax.
- The otherwise non-allergenic materials used in Amigo Star may in rare cases cause a skin irritation or any other unusual condition. Please seek consultation with a physician if these conditions occur.

Interference

- Your Amigo Star has been thoroughly tested for interference, according to the most stringent international standards. However, interference with your Amigo Star and other devices may occur, for example with some mobile telephones, citizens band devices and shop alarm systems. If this occurs increase the distance between the Amigo Star and the device.

Activating Amigo Star for the first time

Amigo Star is a miniature electronic device that runs on a size 312 battery. To activate the Amigo Star, you must insert a fresh battery in the battery compartment.

The Amigo Star will start up when the battery door is closed and the volume wheel is at any position other than 1. Put the Amigo Star on the ear upon closing the battery door.

A jingle is played while the start up process is running.

If no sound is being received from the FM transmitter, press the push button on Amigo Star. Amigo Star will then search and sync to the transmitter's channel.

The LED will become illuminated once the channel is found and an FM signal is being received.

Changing batteries

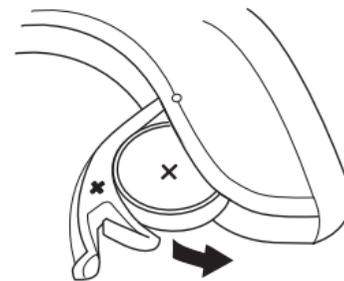
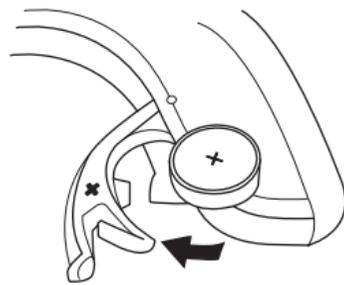
Your hearing device battery size is 312. A single battery will last for approximately 55 hours.

A worn out battery should be removed immediately and disposed of according to local regulations.

You will hear 2 beeps when it is time to change the battery. This pre-warning will be repeated at moderate intervals until the battery runs out.

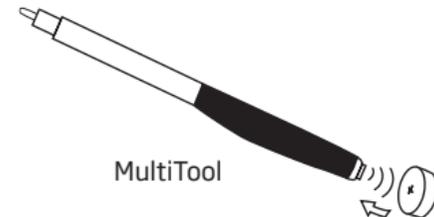
The battery may run out shortly after a pre-warning or within the next couple of hours depending on battery capabilities.

If the battery runs out, the device turns off. The LED light will go out when the battery is completely drained. There may be a brief period when the LED is on, but the Amigo Star is not producing sound.



To replace the battery, follow these instructions:

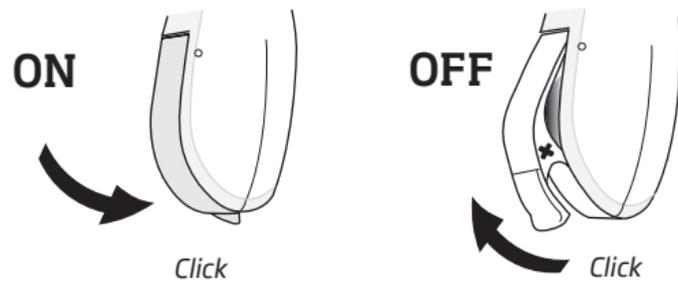
- Open the battery door completely by pushing the raised edge at the bottom of the device. Remove the old battery. To assist with the handling of the batteries, the magnet at the end of the MultiTool can be used to help you.
- Remove the sticky label from the + side of the new battery. Any moisture on the battery surface should be wiped off before use. Wait a few seconds after removing the label to allow the battery to start working.
- The new battery may be inserted by using the magnetic end of the MultiTool. Ensure that the positive (+) marking faces the positive (+) sign printed on the battery door. Close the battery door.



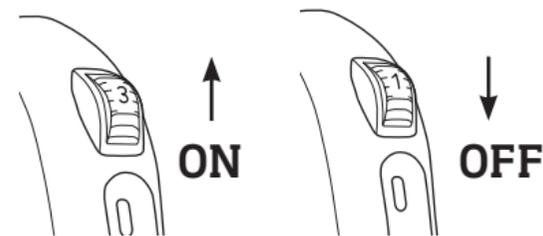
Turning your Amigo Star on and off

Turn **ON** your Amigo Star by closing the battery door completely with the battery in place. When the battery door is closed the device will start up by playing a jingle. This indicates that the battery is working and the device is operating.

Turn **OFF** your Amigo Star by opening the battery door slightly until a click is felt.



Amigo Star can also be turned on and off with the volume control. Turn on your Amigo Star by rolling the volume control up, past position 1. Turn off your Amigo Star by rolling the volume control down to position 1.



To preserve the battery, make sure your Amigo Star is switched off when you are not wearing it. Open the battery door fully to allow air to circulate whenever you are not using your device, especially at night or for longer periods of time!

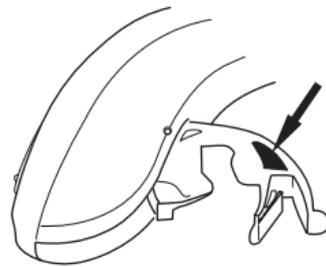
Left/Right ear marking

The shape of the Corda² thin tube on your Amigo Star allows it to only be worn on the left or right ear.

In order to easily identify whether it is left or right device, colour markings may be applied inside the battery door.

A blue dot marks the LEFT device.
A red dot marks the RIGHT device.

You can also look at the small text on the Corda² thin tube.
Blue text is for the LEFT device.
Red text is for the RIGHT device.



Attaching the Corda² (thin tube)

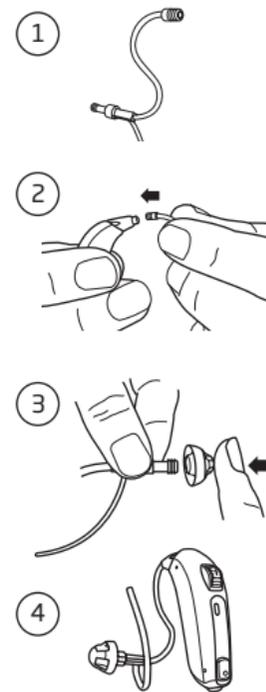
Attach a Corda² thin tube and dome to your Amigo Star to connect it to the ear.

Your Amigo Star is delivered with a Corda² Starter Kit containing 4 tubes and 4 domes.

Replacement tubes and domes can be ordered from your Hearing Care Professional.

To connect Corda² to Amigo Star

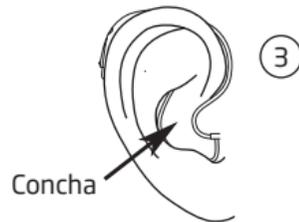
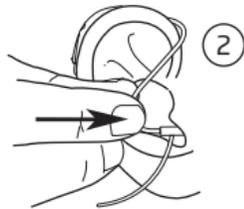
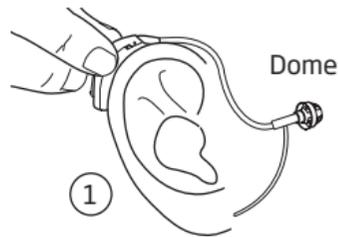
1. Select the Corda² tube. Right tubes have red numbers left have blue. The small tubes are labelled 0-0.9, larger tubes are labelled 1-0.9)
2. Push the tube into the Amigo Star.
3. Select the dome. Domes come in 2 sizes, small and medium. Push the dome onto the tube.
4. The Amigo Star is now ready.



Putting on your Amigo Star

Putting on Amigo Star with a thin tube correctly every time, takes practice:

1. Place Amigo Star behind ear.
2. Hold the bend of the tube between your thumb and index finger. The dome should point towards the ear canal opening. Gently push the dome into your ear canal until the tube sits close against the side of your head.
3. Position the ear grip in the concha using your index finger. Look in a mirror. If the sound tube is sticking out from your ear, the dome has not been placed correctly in the ear canal. If the ear grip is visibly sticking out from your ear it has not been positioned correctly. To remove the Amigo Star pull the bend of the tube.



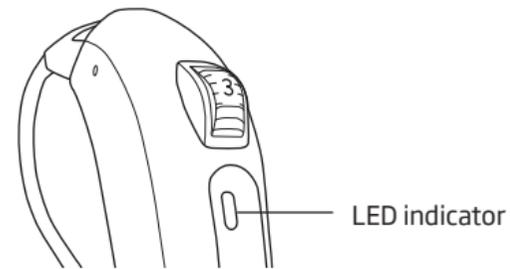
LED Indicator Light

Your Amigo Star has an LED indicator light.

The LED is used to indicate the following:

Steady or slow blinking light	The FM signal is being received from the transmitter
3 rapid blinks	Amigo star has been synchronised with the transmitter channel

Your Hearing Care Professional may program the LED to be off, to blink, or to be on when it is receiving an FM signal.



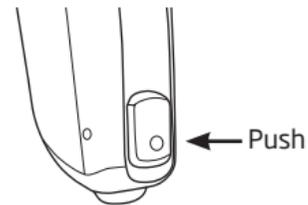
Channel seek push-button

Your Amigo Star has a push button.

The push button is used for finding the channel that the FM transmitter is on.

Once the button is pressed, your Amigo Star will begin searching channels. You will hear single beeps until the transmitter channel is found. When the channel is found, you will hear two fast beeps, then the sound from the FM transmitter.

The channel seek process may take up to 20 seconds.



The push button on your Amigo Star may be deactivated by the Hearing Care Professional.

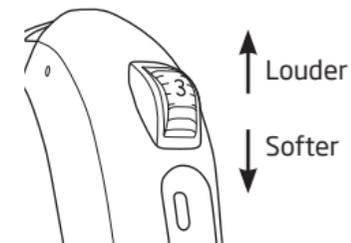
Volume Control

Your Amigo Star has a volume control wheel.

The volume wheel is numbered 1 through 4.

When the volume is in position 1, Amigo Star is turned off.

When the volume is in position 4, Amigo Star is at maximum volume.



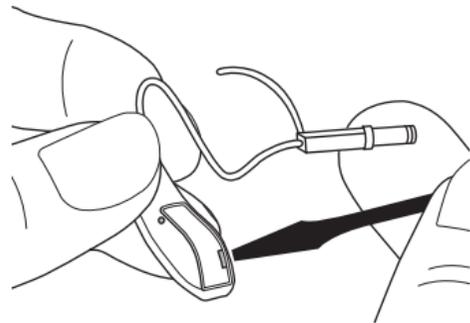
Your Hearing Care Professional may disable the volume control wheel. When disabled, the volume control wheel will still function as an on/off switch.

Tamper-resistant battery door option

A special battery door may be installed on your Amigo Star which protects against unintended access to the battery.

This is strongly recommended for infants, small children, and people with learning difficulties.

The battery door is designed to be opened by using a small screwdriver. Open the battery door by inserting the screwdriver into the indent on the door side and then tip it.



Using your Amigo Star

Amigo Star cannot be used on its own. It must be used with a FM transmitter.

Amigo Star is designed to be used with the Amigo T30/T31 transmitter or the Amigo T5 transmitter.



Amigo T30/T31



Amigo T5

Amigo Star can be used with FM transmitters from other manufacturers.

Using your Amigo Star

Ask the teacher to wear the FM transmitter, ensuring the microphone is positioned close to the mouth and the transmitter is switched on.

1. Turn on your Amigo Star.
2. If the LED light is not on, press the push button to synchronize Amigo Star with the transmitter's channel.
3. Place the Amigo Star on your ear.
4. Adjust the volume control wheel so the teachers voice is heard at a comfortable level.

Caring for your Amigo Star

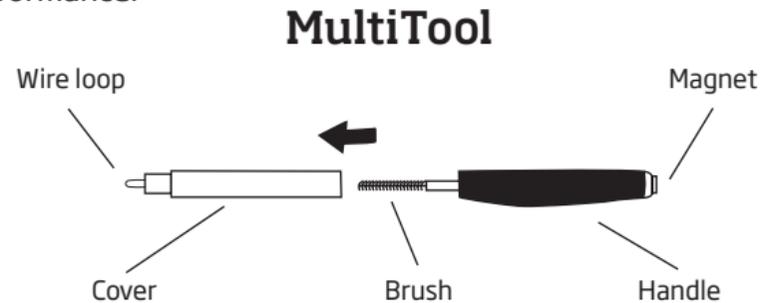
Your ear canal produces ear wax (cerumen) which may block the sound outlet of your Amigo Star. To prevent wax accumulation from causing a change in performance, pay particular attention to the Corda² thin tube and dome, as they will require periodic cleaning and changing.

When handling Amigo Star, keep it over a soft surface to prevent damage if it is dropped.

Before retiring at night open the battery door to allow air to circulate.

Cleaning Tools

Dedicated tools are supplied for cleaning Amigo Star. These should be used to ensure the best care and performance.



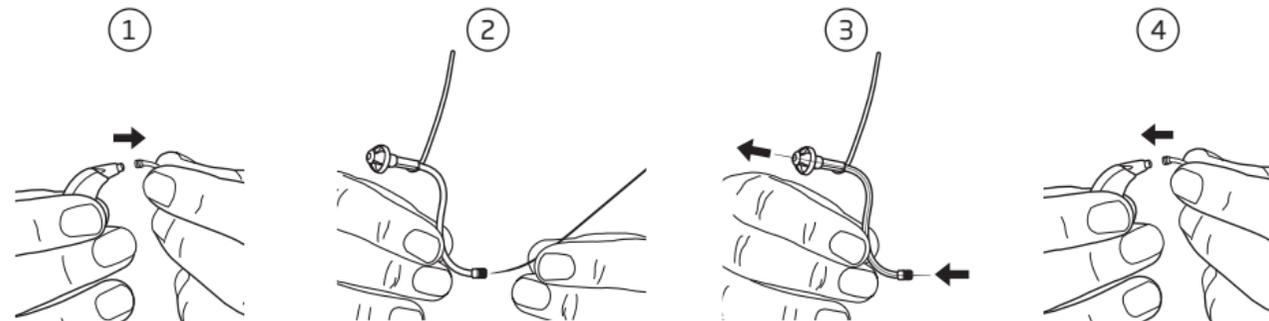
The MultiTool contains a brush and a wire loop for the special purpose of cleaning wax from the Amigo Star. Use the cloth to wipe clean the surface of the device.

Amigo Star also comes with a tool for cleaning the Corda² thin tube. This is discussed in the following pages.

Cleaning the Corda² (thin tube)

To remove ear wax (cerumen) from the thin tube:

- Pull tube out of the Amigo Star (1).
- Insert the cleaning tool in the tube all the way through (2+3).
- Remove the tool and push the tube back into the hearing device (4).



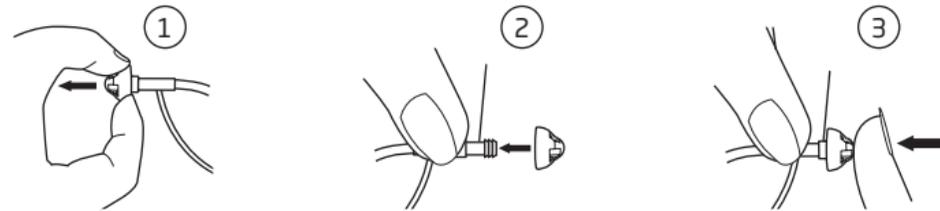
Daily maintenance with Corda² Domes

The dome should be inspected each time Amigo Star is worn. The sound outlet should appear clean and free of wax. When you require a fresh, clean dome, remove the existing one and put on a new one.

We recommend the dome to be replaced at least once a month or as directed by your Hearing Care Professional.

Replacing the Corda² Dome

The dome is easy to replace. Hold the widest part of the dome and pull it off from the connections on the tube (1). Place the new dome on the connection (2) and ensure that it is fastened securely (3).



IMPORTANT NOTICE

The dome is made of a soft material. If the dome comes off in the ear canal, it will not cause any harm. If you can, carefully take it out. If necessary, let another person help you. Do not push the dome into the ear canal. Do not push the tube into the ear again before the dome is removed from the ear. If you have any doubts about how to proceed if the dome comes off, contact your Hearing Care Professional.

Handling of Corda²

IMPORTANT NOTICE

- Only use parts designed for your Amigo Star.
- The cleaning tools should only be used for cleaning the tubing when it is detached from the hearing device and not on the ear.
- The dome must be properly attached to the thin tube before inserting it in your ear. Failure to follow the instructions could result in injury.
- The thin tube should never be used without a dome attached.
- Do not use Amigo Star in ears with excessive ear wax accumulation or infection.
- Proper preventive care and maintenance will go a long way toward ensuring reliability and safe performance.
- Clean your thin tube on a regular basis.
- Do not share your hearing devices or any of the parts with other people.
- Ensure your hands are clean when handling Amigo Star and its parts.

Sleep and Off modes

Your Amigo Star is equipped with an intelligent sleep and off mode to extend its battery life.

Sleep mode

If Amigo Star does not detect an FM signal for more than 60 seconds, it will enter a low battery consumption sleep mode.

Every 6-7 seconds, Amigo Star will "wake up" and search for an FM signal. It will repeat this process until an FM signal is detected.

The LED is off during sleep mode.

Off mode

After 90 minutes of sleep mode, the battery consumption drops to an even lower level. Simply press the push button, or open and close the battery door to restart Amigo Star.

Amigo Star and water resistance

Although your new Oticon hearing devices have achieved an IP57* classification, they are referred to as being water resistant, not waterproof.

Should your hearing device get in contact with water and stop working, please observe the following guidelines:

- Gently wipe off any water on the outside of the device.
- Open the battery drawer and remove the battery.
- Gently wipe off any water in the battery compartment.
- Let the hearing device dry with the battery compartment left open for approx. 30 minutes.
- Insert a new fresh battery – and your hearing device should work normally again.

General instruction regarding water resistance

- Do not wear your hearing device while showering.
- Do not wear your hearing device while swimming, snorkeling or diving, as they are not designed for such activities.
- Do not immerse your hearing device in water or other liquids.

** IP Code classifies and rates the degrees of protection provided against the intrusion of solid objects (including body parts like hands and fingers), dust, accidental contact, and water in mechanical casings and with electrical enclosures.*

IMPORTANT NOTICE

Open the battery compartment fully to allow air to circulate whenever you are not using your Amigo Star, especially at night!

Avoiding damage due to heat, humidity and chemicals

Your Amigo Star must never be exposed to extreme heat e.g. left inside a parked car in the sun. Even though Amigo Star is water resistant, Amigo Star must never be exposed to a lot of moisture e.g. steam baths, showers, heavy rain or immersed in water. Nor can they be dried in microwave ovens or conventional ovens.

Wipe the battery off if moisture is present as it may affect performance. Using an anti-humidity kit can help to avoid problems and may even extend the life of your Amigo Star. Consult your Hearing Care Professional for further advice.

The chemicals in cosmetics, hairspray, perfume, after shave lotion, suntan lotion and insect repellent can damage your hearing device. You should always remove your hearing device before applying such products and allow time for the product to dry before inserting your Amigo Star.

If you use lotion, be sure to wipe your hands dry before putting on your Amigo Star.

Common problems and their solutions		
Symptom	Possible causes	Solutions
No sound	Dead battery in Amigo Star	Replace battery pg. 16
	Amigo Star is not on the correct channel	Press the channel seek push button and wait for LED to light up pg. 24
	Amigo Star is off	Close battery door and move volume wheel above position 1 pg. 18
	Discharged battery in transmitter	Charge battery
	Blocked sound outlet in Corda ² thin tube or dome	Clean/replace tube or dome pg. 31

If none of the above solutions solves the problem, ask your Hearing Care Professional for assistance.

Common problems and their solutions			
Symptom	Possible causes	Solutions	
Intermittent or reduced sound	Blocked sound outlet in Corda ² thin tube	Clean/replace tube or dome	pg. 31
	Moisture in Corda ² thin tube	Clean and dry tube	pg. 31
	Discharged battery in transmitter	Charge battery	
	The transmitter microphone is not close enough to teacher's mouth	Reposition to ensure the lapel microphone is 10-15 cm from mouth or the boom microphone is 1-5 cm from mouth.	
	Volume is set too soft	Move the volume wheel to a louder setting	pg. 25
Static sound	FM channel is subject to interference	Change the channel on the FM transmitter, then sync with Amigo Star, or press channel seek push button	pg. 24

If none of the above solutions solves the problem, ask your Hearing Care Professional for assistance.

International Warranty

Your Amigo Star is covered by a 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 accessories such as batteries, tubing, and domes etc.

Problems arising from improper handling or care, excessive use, accidents, repairs made by an unauthorized party, exposure to corrosive conditions, physical changes in your ear, 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 Amigo Star to your Hearing Care Professional, who may well be able to sort out minor problems and adjustments on the spot.

Warranty Certificate

Name of Owner:

Dispenser:

Dispenser Address:

Dispenser Phone:

Purchase Date:

Warranty Period:

Month:

Model Left:

Serial no.:

Model Right:

Serial no.:

Battery Size: 312

Technical information

The hearing device contains a radio transmitter using short range magnetic induction technology working at 3.714 MHz. The magnetic field strength of the transmitter is $< -40 \text{ dB}\mu\text{A/m @ 10m}$.

The emission power from the radio system is well below international emission limits for human exposure. For comparison, the radiation of the hearing instrument is lower than unintended electromagnetic radiation from for example halogen lamps, computer monitors, dishwashers etc. The hearing device complies with international standards concerning Electromagnetic Compatibility.

Your Amigo Star contains a module with:

FCC ID: U28FU2ALD01

IC: 1350B-FU2ALD01

The device complies with Part 15 of the FCC rules and RSS-210 of Industry Canada.

Operation is subject to the following three conditions:

1. This device may not cause harmful interference.
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.
3. This device may not interfere with TV reception or Federal Government radar.

Hereby, Oticon A/S declare that this hearing device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Declaration of conformity is available at:

Oticon A/S
Kongebakken 9
DK-2765 Smorum
Denmark
www.oticon.com

CE 0543 0682

IP57



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



NI 175

Settings overview for your Amigo Star

Amigo Star Settings		
Volume control wheel	<input type="checkbox"/> Enabled	<input type="checkbox"/> Disabled
Channel seek push button	<input type="checkbox"/> Enabled	<input type="checkbox"/> Disabled
LED Indicator light	<input type="checkbox"/> Enabled	<input type="checkbox"/> Disabled
Beeps indicators	<input type="checkbox"/> Enabled	<input type="checkbox"/> Disabled

127009UK / 10.12

127009UK / 10.12

People First

People First is our promise
to empower people
to communicate freely
interact naturally and
participate actively

child
friendly
hearing
care

It takes a truly dedicated approach to help children with hearing problems achieve their full potential. That's why we deliver the solutions and services that professionals and caregivers need to provide children the opportunities they deserve. This is what child-friendly hearing care is all about.



oticon
PAEDIATRICS