

Oticon ♦ Amigo



child
friendly
hearing
care



Instructions for Use Amigo T5/R5

Important notice

Please familiarize yourself with the entire contents of this booklet before using your Amigo T5 and R5. The booklet contains various statements, safety instructions and important information about the use and handling of these units. If you have further questions about the use of the Amigo T5/R5, please contact your Hearing Care Professional.

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Introduction

Congratulations on your Amigo T5/R5. It offers all the benefits you would expect from a product family designed to meet your everyday needs.

The Amigo T5 can be used together with all Amigo receivers, and the Amigo R5 can be used together with all Amigo transmitters. The Amigo R5 can be connected to a hearing instrument, a cochlear implant as well as headphones.

Typical package contents



Items included in the standard Amigo T5 transmitter package are:

- 2-unit charger (can charge two units at the same time)
- 2 AAA NiMH rechargeable batteries
- Choice of one: Omni-directional or directional lapel microphone or Boom mic
- User guide



Items included in the standard Amigo R5 receiver package are:

- 2-unit charger (can charge two units at the same time)
- 2 AAA NiMH rechargeable batteries
- Choice of: standard or attenuated headphones OR DAI cords OR Neckloop OR Cochlear implant (CI) cable
- User guide

2-unit charger



AAA NiMH batteries



Omni or Dir Lapel Mic



User guide



2-unit charger



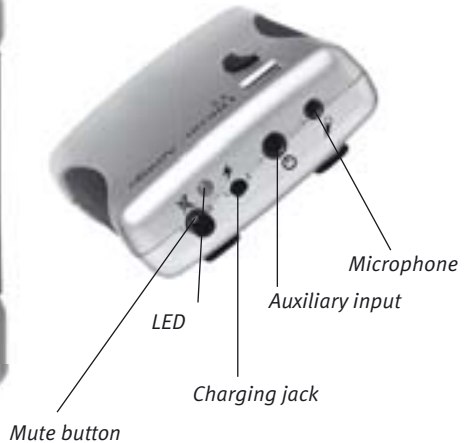
AAA NiMH batteries



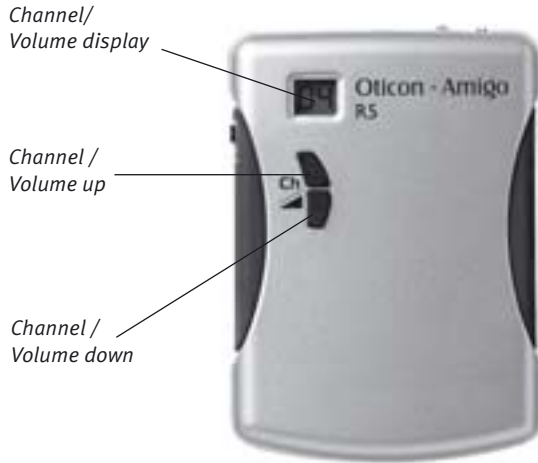
User guide



Overview of the Amigo T5 transmitter



Overview of the Amigo R5 receiver



Optional Accessories:

A number of optional accessories are available for Amigo T5 and R5 as shown below:

R5:

- Headphones
- Attenuated headphones (for use by persons with normal hearing)
- DAI cables (Direct Audio Input)
- Cochlear Implant connector cable
- Neckloop and neckloop connector
- 6-unit charger

T5:

- Onmi lapel microphone
- Directional lapel microphone
- Boom microphone
- 6-unit charger
- Antenna
- Auxiliary input cables

Using headphones together with Amigo R5:

Headphones can be connected to Amigo R5 using the 3.5 mm output jack plug at the top of the unit. The attenuated version of the headphones is intended for situations where the user does not necessarily have a hearing loss (e.g. Central Auditory Processing Disorder).

Connecting Amigo R5 to a hearing instrument using a DAI cable:

Via the output jack the Amigo R5 can be connected directly to most Behind-the-ear style hearing instruments via a DAI cable and a DAI adaptor shoe. This requires that the hearing instrument supports DAI.

Connecting Amigo R5 to a Cochlear Implant (CI) processor:

Using a special Cochlear Implant connector cable the Amigo R5 can be connected to most CI processors via the 3.5 mm output jack plug at the top of the unit.

Connecting Amigo R5 to a hearing instrument using a neckloop:

By connecting a neckloop to the 3.5 mm output jack plug at the top of the unit, the signal can be transferred from the Amigo R5 to the hearing instrument via the Telecoil function of the hearing instrument.

Preparing your Amigo system

Inserting the batteries

To insert the two AAA batteries, remove the battery door on the back of the transmitter and/or receiver and position the batteries according to the markings (+/ -). Having done this, replace the battery door. The Amigo T5 and R5 can then be charged.



Note: The positive and negative ends of the battery may appear similar, so do double-check that the batteries are positioned correctly.

Charging the batteries

The Amigo T5 and R5 come with two AAA rechargeable NiMH silver-sleeved batteries, which must be charged for 14 hours before being used for the first time. You can replace the batteries with any of the following:

- **Special “silver-sleeved” rechargeable batteries**
Only available through your Hearing Care Professional, these are the only batteries that can be recharged inside the Amigo T5 and R5.
- **Standard, rechargeable NiMH batteries (purchased from an electronics retailer)**
Although these cannot be recharged inside the Amigo T5 and R5, they can be removed for charging in an external charger purchased from an electronics store.
- **Standard, non-rechargeable Alkaline batteries**
Can be used as needed, i.e. if you don't have time to charge your rechargeable batteries. But do remember that Alkaline batteries must never be recharged.

Note: Always dispose of old batteries in approved battery disposal containers since it may be illegal to dispose of them in ordinary wastebins. For more information please consult your Hearing Care Professional.

To charge the batteries, plug the charger into the charger jack on the top of the unit as shown in the picture below.

Please note that the Amigo T5 and R5 must be switched OFF when charging.

The Amigo T5 and R5 offers failsafe charging, which prevents Alkaline batteries from being charged.



Note: Rechargeable batteries should be replaced once every year, to maintain full battery life.

Changing channels

Amigo T5 transmitter

To change the channel on your Amigo T5 transmitter, you must unlock the channel select buttons by holding down one of the channel selection buttons on the front of the unit for 2 seconds (the display will blink once). The channel selection buttons will then be unlocked allowing you to change the channel by pressing either the up or down button.

If the channel selection buttons are not activated for a period of approximately 2 seconds, the channel selection buttons will be re-locked (the display blinks once) to avoid unintentional channel change. To unlock the channel selection buttons again, hold down one of the channel selection buttons on the front of the unit for 2 seconds (the display will blink once).




Amigo R5 receiver

To change the channel on your Amigo R5 receiver, you must first switch the selector on the top of the unit to channel mode (Ch). The display will then blink slowly and repeatedly, indicating that the channel can be changed.

To change the channel, use the channel buttons on the front of the unit. The top button increases the channel number and the lower button decreases the channel number.



Adjusting the volume on the Amigo R5

To change the volume on your Receiver, you must first switch the selector on the top of the unit to Volume Mode ().

The display then shows the volume level (0-32). You can use the buttons on the front of the unit to increase and decrease the volume in 1 decibel steps. The volume level can be seen in the display on the front of the unit.



Note: It is advisable to begin with the volume at a low setting and adjust it to the desired level when receiving the intended signal.

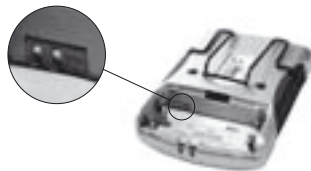
Tamper resistant channel and volume settings on the Amigo R5

It is possible to lock the channel and volume setting on the Amigo R5 to prevent unwanted tampering. This is done via the dip-switch located in the top left corner inside the battery compartment.

Choose the desired channel and volume level before locking channel and volume settings. (See page 15 and 17).

Dip-switch positions:

	Left switch	Right switch
Up	Channel unlocked	Volume unlocked
Down	Channel locked	Volume locked



Warnings

Amigo parts can be dangerous if swallowed:

- The Amigo system is not a toy and therefore should be kept out of the reach of children and anyone else who might swallow parts or otherwise cause injury to themselves. Special attention should be paid to the smaller components in order to prevent children from swallowing them and choking.
- Never change the battery and never connect the receiver to the hearing aid in front of infants, small children or persons with learning difficulties.

If a part is swallowed, see a doctor immediately.

Risk of harm caused by unintentional noise that may muffle important signals

System dysfunctions:

- The Amigo system will cease to function if the batteries have run out. The system may also produce a high whistling noise (feedback) if the battery is low, or if it is subjected to loud sound while the microphone is off but the receiver is still on. Users should be aware that these sounds should not be confused with warning sounds – e.g. car horns in traffic.

Use in aircrafts:

- Amigo should not be used on aircrafts without the permission of the flight crew.

Please note that Amigo can cause interference with other medical devices. Such interference can also be caused by radio signals, power line disturbances, airport metal detectors, electromagnetic fields from other medical devices and electrostatic discharges.

Battery use:

- Always use NiMH rechargeable batteries or Alkaline batteries.
- Always use batteries recommended by your Hearing Care Professional.
- Never attempt to recharge non-rechargeable batteries.
- Never dispose of batteries by burning them. There is a risk they will explode and cause serious injury.

Do not damage batteries:

- Batteries should not be dropped, crushed, punctured, modified or otherwise mutilated. Such abuse may result in leakage or heat generation. Damaged or deformed batteries must be replaced with new and unused ones of the same type.

Safety requirements regarding Direct Audio Input (DAI)

- Safety when using Amigo with DAI (Direct Audio Input) is determined by the external signal source. When the DAI is connected to AC-operated equipment, this equipment must comply with IEC-60065, IEC-60601 or equivalent safety standards.

For FCC Part 15 / RSS Gen&210:

“This device complies with Part 15 of the FCC Rules.

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”

For FCC Part 95.1017:

“This device may not interfere with TV reception or Federal Government radar.”

For RSS 210:

“If TV channel 13 is used in the area, the installer shall reduce or adjust the RF radiated power so that near-by TV channel 13 receivers do not receive radio interference from the system installed”.

LED and Display indicator

The Light-Emitting Diode (LED) and the display on the Amigo T5 and R5 not only indicates that the power is on, but also shows:

LED	Meaning
Steady Green	Charging
Steady Red	On & Transmitting/Receiving
Blinking Green	Low battery
R5 Blinking Red	No FM signal
T5 Blinking Red	Muted
Off	Off or error

Display	Meaning
R5 Steady	Volume mode
R5 Blinking	Channel mode

Using the Amigo T5 together with Amigo Receivers

The Amigo T5 functions with all Amigo receivers (R1, R2, R5 and R7) as long as the channel of the transmitter and the receiver are matched.

Please refer to Amigo R1/R2 Instructions For Use for further instructions on how to set up the Amigo receivers.

Using the Amigo R5 together with Amigo Transmitters

The Amigo R5 functions with all Amigo transmitters (T5, T10, T20 and T21) as long as the channel of the receiver and the transmitter channel are matched.

Please refer to Amigo T20/T21 Instructions For Use for further instructions on how to set up the Amigo Transmitters.

About channels

Your Amigo system is a radio device, and like any other radio, it communicates on specific channels. Your transmitter and receiver must be on the same channel to work together.

Within close proximity, never operate two transmitters on the same channel – since this will cause audible interference.

If you are travelling internationally, be aware that your channel may not be approved for use in all countries. If you wish to use your T5/R5 in a different country, you must contact your Hearing Care Professional for help in changing the country set-up.

Some electronic devices (microwave ovens, mobile phones, other radio devices, computers, and fluorescent lights, for example) may interfere with your Amigo signal.

Connecting the Amigo T5 to external audio sources (TV, stereo etc.)

External audio sources can be connected to the Amigo T5 via the 3.5 mm jack AUX plug at the top panel of the unit such as:

- Computer/Television
- CD/DVD/MP3 player



Furthermore, the Amigo T5 microphone can be muted without muting the auxiliary input signal by pressing down the mute button on the top panel of the Amigo T5.

Note: Since the microphone also acts as the antenna, you MUST use an external antenna if you do not want the microphone to be connected during an AUX transmission.

Microphone options

The Amigo T5 is available with either an omni or directional lapel-microphone that can be attached to the lavalier cord (see below). This allows you to either clip the microphone to your clothes or wear it around the neck.



Optional Microphones

- Lapel-clip Omni microphone
- Lapel-clip Directional microphone
- Boom microphone

Note: Since the microphone also acts as the antenna, you must keep it attached during operation and make sure that it does not get curled around the transmitter as this reduces performance range.

Cleaning the Amigo T5/R5

The Amigo T5 and R5 can be cleaned with a damp cloth. Do remember that they contain electronic components that may be damaged if exposed to water.

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the Amigo T5 and R5.

Appendix A: Troubleshooting

Problem	Solution
The battery will not charge	Check that it is positioned correctly. Make sure that it is the “silver-sleeved” rechargeable NiHM type of battery, as this is the only type the T5/R5 will charge (for safety reasons).

Problem	Solution
No sound / no signal reception	<p data-bbox="599 202 1259 279">Check that the hearing instrument battery is working, and that it is on.</p> <p data-bbox="599 326 1084 404">Check that the receiver is on and correctly connected.</p> <p data-bbox="599 450 1339 528">Check that the transmitter battery is working, and that the unit is turned on.</p> <p data-bbox="599 574 1215 652">Make sure the T5 and R5 are on the same channel.</p> <p data-bbox="599 699 1193 735">Check that the transmitter is not muted.</p>

Problem	Solution
No sound / no signal reception	<p>Using neckloop: Make sure that the hearing instrument is in the telecoil program.</p> <p>Make sure that the neckloop connector plug is securely inserted in the output plug of the Amigo R5.</p> <p>Using headphones and DAI cable: Make sure that the headphones or DAI cable are securely inserted in the output plug of the Amigo R5.</p>

For assistance with troubleshooting or answers to other questions please consult your Hearing Care Professional.

Alternatively, visit www.amigofm.com, where you can find a troubleshooting guide for Amigo.

Appendix B: Manufacturer's warranty

The manufacturer, Oticon, issues a two-year limited warranty to the original consumer of this product.

This warranty comes into effect upon the date of original purchase of this equipment, and will remain in effect for two calendar years from that date.

Please notice that extended warranties may apply in your country. Please contact your local Hearing Care Professional for more information.

What is covered by this warranty?

Any electronic component which, because of workmanship, manufacturing or design defects, fails to function properly under normal use during the life of this warranty will be replaced or repaired at no charge for parts or labor when returned to the point of purchase. Transportation is paid by the customer. If it is determined that repair is not feasible, the entire unit may be replaced with an equivalent unit upon mutual agreement of the Hearing Care Professional and customer.

What is not covered by this warranty?

This two-year limited warranty does not cover:

- Malfunctions resulting from abuse, neglect or accident.
- Peripheral accessories as itemised within the product brochure, when such items are older than 1 year from the original purchase.
- Batteries.
- Instruments connected, installed, used or adjusted in a manner contrary to the instructions provided.
- Consequential damages and damages resulting from abuse or loss of this instrument. The exclusive remedy under this warranty is strictly limited to repair or replacement as herein provided.
- Products damaged in transit, unless investigated by the shipper and returned to the warrantor with the investigation report.

The manufacturer reserves the right to make changes in the design or construction of any of its instruments at any time without incurring any obligation to make any changes whatsoever on units previously purchased. This warranty is in lieu of all other expressed warranties by the manufacturer. No representative or person is authorized to represent or assume for the manufacturer any liability in connection with the sale or use of this product other than as set forth above.

If your Amigo system requires service under the terms of this warranty, carefully package the instrument to prevent damage in transit and return it to the point of purchase. Include a detailed description of the problem, together with your full name, billing and shipping address and telephone number.

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

Oticon hereby declares that this Amigo is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A declaration of conformity is available from:

Oticon A/S
Kongebakken 9
DK-2765 Smørum
Denmark.

Date of purchase:

Amigo Transmitter serial number:

Amigo Receiver serial number:

Microphone:

Oticon Inc.
29 Schoolhouse Rd.
Somerset, NJ
USA



T5 ID: BRG-340T216
T5 IC: 1351C-8340T
R5 IC: 1351B-R5



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

