

# Oticon ♦ Amigo



## INSTRUCTIONS FOR USE Amigo T10

**oticon**  
PEOPLE FIRST

## **Important notice**

Please familiarize yourself with the entire contents of this booklet before using your Amigo. It contains various statements, safety instructions and important information about the use and handling of your Amigo.

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## Introduction

Congratulations on your decision to take the next step in improving home and classroom FM.

With the Amigo T10, you will experience all the benefits that comes with a product family that is designed to meet the needs that arises through everyday use.

The Amigo T10 is extremely versatile, making life much easier for users in almost any environment – especially in the presence of noise or reverberation, or at a distance from the speaker. The transmitters and receivers can be used with virtually all Behind-the-Ear hearing instruments, as well as many cochlear implants.

# Typical package contents

Microphone



Lavaliere cord



Microphone charger



Auxiliary input cables



Receiver module(s)



Lapel Microphone



External antenna



NiMH rechargeable batteries\*



**\*Note:** Batteries need to be charged for 15 hours before they are ready to use in the microphone, for the first time.

## You will also need:

- Behind-the-Ear hearing instrument (contact your Hearing Care Professional for compatibility information)
- FM adaptor must be compatible with your hearing instrument





# Using Amigo T10 with the dedicated R7 receiver for SUMO and with Oticon Syncro and Safran

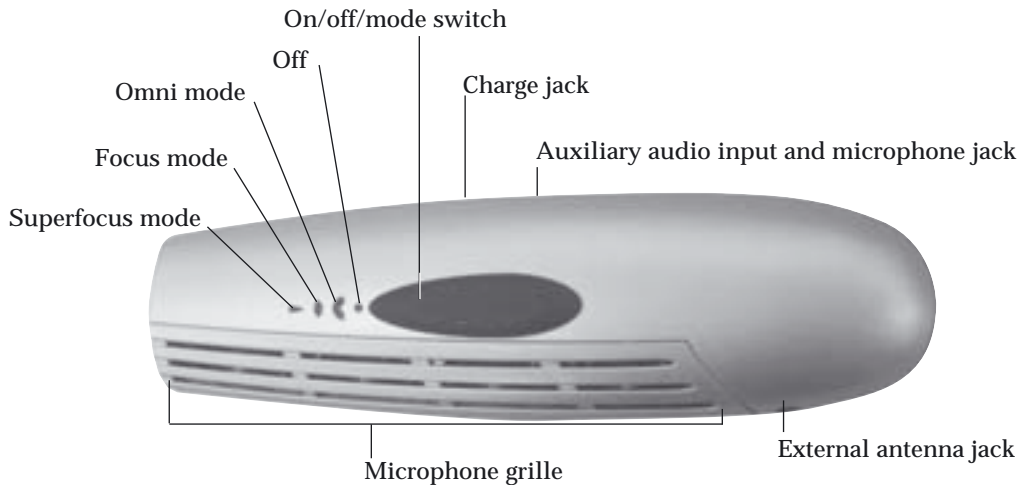
## Using Amigo with the R7 dedicated receiver for SUMO

- SUMO detects the receiver and disables the telecoil
- Operate the receiver from the hearing instrument  
2/T = FM only  
1/MT = FM+Mic  
M = Hearing instrument only

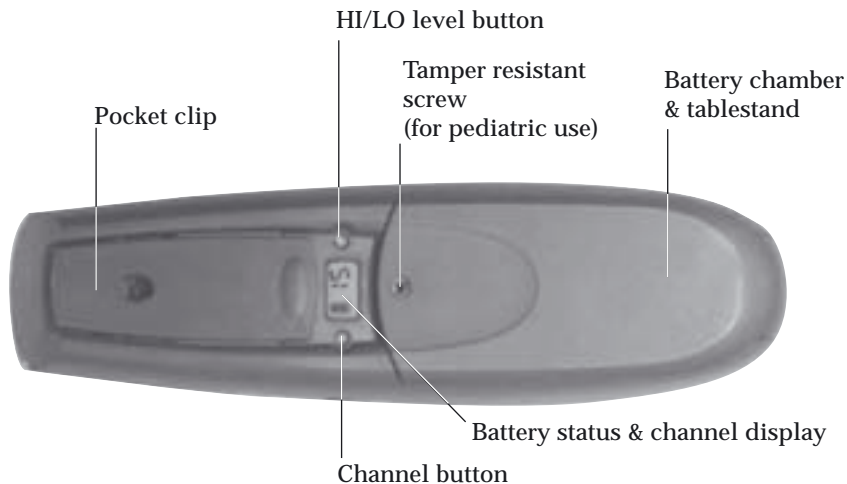
## Using Amigo with Oticon Syncro and Safran

- Set receiver switch to: FM only
- These hearing instruments automatically detect the receiver and add 2 FM programs in the instrument. The default FM program is 'FM+ HA'; change to 'FM only' by pressing the button on the hearing aid.
- Operate the receiver from the hearing instrument by toggling between programs

## Microphone (top)



## Microphone (bottom)



# Receiver



.....LED status indicator

.....3-position mode switch

.....Channel seek/toggle (R2 and R7 only)



Euro-pin connector .....

Euro-pin rotation lock .....

# Getting started

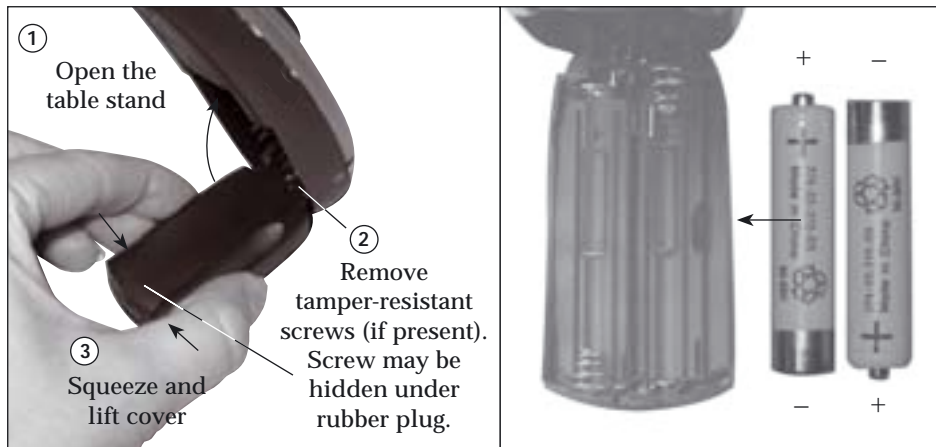
## Microphone batteries

Your Amigo microphone uses 2 AAA rechargeable NiMH batteries. You can replace your batteries with any of the following:

- **Special “silver-banded” rechargeable batteries**  
(available from Oticon through your Hearing Care Professional).  
Only these batteries can be recharged inside your microphone.
- **Standard rechargeable NiMH batteries**  
These will not recharge inside your microphone, but can be removed for charging in a separate charger. Both of these items are available for sale at electronics stores.
- **Standard non-rechargeable Alkaline batteries.**  
Can be used in place of rechargeable batteries as needed. Never recharge Alkaline batteries!

**Note:** Always dispose of old batteries in approved battery recycling bins. It may be illegal to dispose of them into the rubbish bin. If you are not sure of the proper disposal method, please consult your Hearing Care Professional.

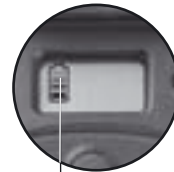
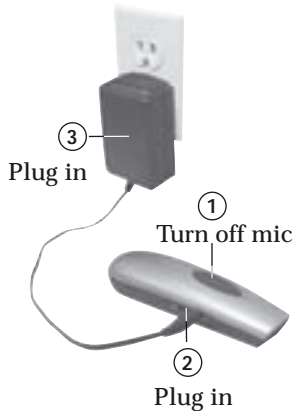
## Inserting batteries



**Note:** The positive and negative ends of AAA batteries may appear similar. Use care to orient them properly.

## Charging

Batteries must be charged before initial use. Allow 15 hours to fully charge.



Battery bars scroll while charging and flash when fully charged

**Note:** Only the special “silver-banded” batteries that come with your Amigo T10 can be recharged inside the Amigo microphone.

## Battery life

### Typical battery life: up to 8 hours

The unit will shut down when battery voltage is too low. During shutdown the unit will cycle on and off to give an audio indication of low battery.



Indicator level drops as battery drains.



### Your receiver has no batteries

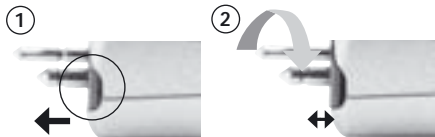
Your Amigo receiver draws a small amount of power from the battery inside your hearing instrument. It does not have a battery of its own. Never attempt to open the receiver case.



**Note:** If you leave the unit unattended for a month, we recommend a full charge cycle because the battery will discharge.

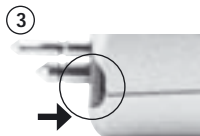


## Connecting the receiver to your hearing instrument



Pull the tab on both sides of the receiver back

Orient the pins



Push the tab back in

**Note:** Contact your Hearing Care Professional for more information.

## Turning on your Amigo T10

### **Microphone:**

Push the slider switch forward to one of the 3 mode symbols.



### **Receiver:**

Push the receiver switch to the desired mode. Please refer to page 20.



## Ways to use your microphone

As you move from place to place – from home to school/work to restaurants and parties – you will find that your listening environment changes dramatically.

You can use your versatile Amigo T10 microphone to improve understanding in practically any of these environments just by changing its position. The examples shown here are only suggestions – with practice, you are sure to discover what works best for you.

Superfocus is best for listening to one person only. Focus is good for listening to two to three people sitting or standing adjacent to each other. The Omni mode will help you hear a number of people, but is best used in quieter situations as it may also pick up other room noise.

## Suggested settings for your microphone

These are suggested starting points; with experience, you can quickly use the settings to suit your preferences.

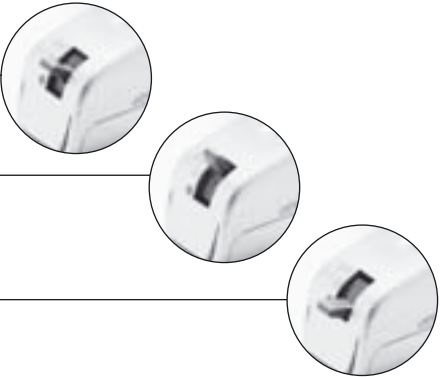
If noise level or group size is:		
Noise	Group	Use:
High	Small	Superfocus ▼
Medium	Medium	Focus
Low	Large	Omni
None	None	Off

**Note:** After turning your microphone on, you may notice a short delay while the system software loads.

## Suggested settings for your receiver

These are suggested starting points; with experience, you can quickly use the settings to suit your preferences.

If noise level or group size is:		
Noise	Group	Use:
High	Small	Amigo T10 mic only ○
Medium Low	Medium Large	Amigo T10 + Hearing instrument ○○
None	None	Hearing instrument mic only ●



# 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 instrument 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.

**Safety requirements regarding Direct Audio Input (DAI)**

- The safety of the use of 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.





# Suggested ways to use your Amigo system

The possibilities are limitless, but here are some common uses:



Lectures/Classroom



Meetings



Parties



Television



Car

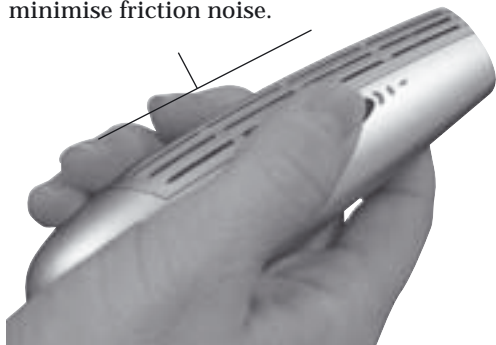


Household



## Point and listen

Avoid covering the grille.  
Keep fingers still to  
minimise friction noise.



### Recommended modes:

Super Focus    ▼

Focus            ◐

### Ideal for:

- Parties
- Shopping
- Small group discussions

Point toward the sound source.  
The antenna is not required when  
using Amigo T10 in your hand.



## On the table



### **Recommended mode:**

Omni 

### **Ideal for:**

- Conferences
- Large group discussions
- Restaurants

Place the microphone close to the sound source and position it at an appropriate angle.




**Note:** These user modes DO REQUIRE the external antenna for optimum performance.



## Using neckworn



### **Recommended mode:**

Focus 

### **Ideal for:**

- Lectures
- Sports
- Parent/partner communication
- Car conversations

Clip the microphone on to the lavalier cord and let a family member, friend or teacher wear the microphone at a distance of up to 100 feet from you.



**Note:** These user modes require the external antenna for optimum performance.



## Using the pocket clip



### **Recommended mode:**

Focus 

### **Ideal for:**


- Lectures
- Sports
- Parent/partner communication
- Car conversations

Clip the microphone on to the clothing of your family member, friend or teacher and let them wear it at a distance of up to 100 feet from you.



**Note:** These user modes require the external antenna for optimum performance.

## Connecting a boom microphone or a lapel microphone

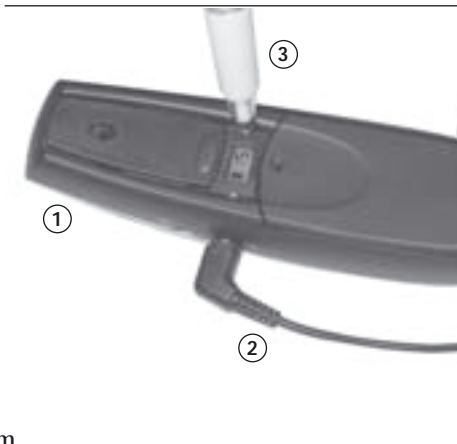
1. Switch to Omni Mode  on the front
2. Plug in boom microphone
3. Push HI/LO button with a pen to set to HI level



Display alternates between channel number and HI when set to high sensitivity (boom mic) level.



Use Omni mode (see page 27) to use the boom microphone.



**Note:** You can override the external microphone signal by switching to Focus or Superfocus modes.



## Using a boom microphone or a lapel microphone

### Mode:

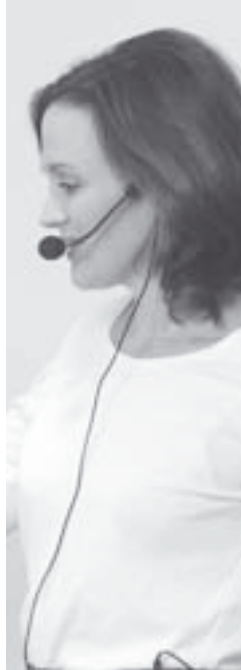
Omni

### Ideal for:

- Lectures
- Sports
- Car conversations

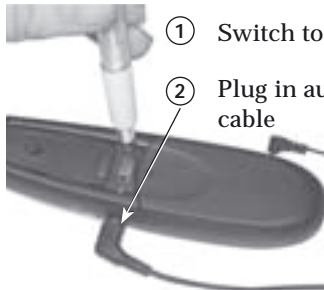
In very noisy surroundings the speech signal can be further optimized by using the optional boom microphone.

**Important:** When the Amigo T10 is connected to AC-operated equipment, this equipment must comply with IEC-60065, IEC-60601 or equivalent safety standards.





## Connecting to TV, stereo, & other devices



① Switch to Omni mode

② Plug in auxiliary input cable

③ Push HI/LO button with apen to set to LO level if necessary

④ We recommend using the external antenna for optimum performance



③ Plug cable from TV, DVD, VCR, CD player etc. into the Amigo T10 microphone

**Note:** Display shows only channel number when in low sensitivity mode. Default level is LO.



- Your microphone must be set to LO level to connect to TV, stereo, and other devices. Default level is LO.
- If your microphone is off, it will automatically turn on when you plug in the auxiliary input cable and a sufficient signal is present.
- It is recommended that you use the TV Audio Out jacks (on the back of most TVs). If you use the Headphone jack, the TV speaker may turn off.
- To mix AUX signal with Omni, move switch to Focus and back to Omni. The signals are now mixed. You will hear only the auxiliary input signal if the transmitter/microphone is in off mode.
- If no auxiliary signal is present for 5 minutes (e.g., if the TV is off), your microphone will automatically shut off.
- To override the 5-minute auto shut off, unplug the auxiliary input cable and switch to Superfocus mode, then to Off.

## Auxiliary input cables



Use this cable to connect to portable devices such as CD players, MP3 players, computers, and portable TVs



Use this cable to connect to TV, DVD, VCR, or home stereos

## Extending microphone transmission range

- External antenna will extend range up to 100 feet



- Internal antenna range is up to 3-6 feet.

For best range, antenna should hang straight down. (Do not coil)

**Note:** Actual range may vary depending on environmental conditions.

## 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.

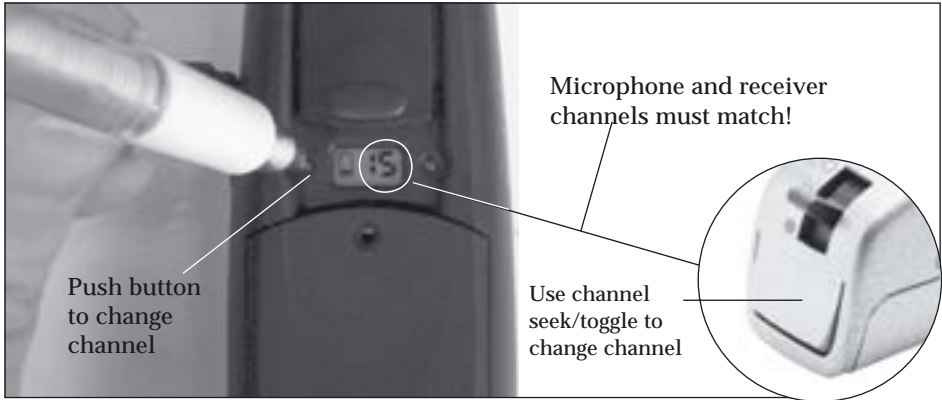
Within a close proximity, never operate two transmitters on the same channel – you will experience interference.

If you are travelling internationally, be aware that your channel may not be approved for use in all countries.

Some electronic devices (microwave ovens, computers, and fluorescent lights, for example) can interfere with your Amigo signal.

## Changing channels

If you want to use your microphone with a receiver on a different channel, you can change the microphone channel as shown here. If you wish to change channel on your Amigo T10, you can do it as shown below:



## Cleaning

Do not immerse Amigo units in water or other liquids.

- Clean gently with a soft, damp cloth
- Do not use solvents



# Appendix A: troubleshooting

## No sound/no FM reception

Check to make sure the hearing instrument is functioning

Check that the receiver mode switch is in the correct position

Check that the Amigo T10 and the Hearing Instrument are turned on.

Check that the receiver and microphone channels match

Recharge or replace batteries

Check that the receiver is properly inserted into the adaptor shoe. Ensure the adaptor shoe is properly seated on the hearing instrument. Contact your Hearing Care Professional for compatibility information

Check the hearing instrument batteries

## Weak or distorted sound

Check for improperly fitting or clogged earmoulds, or excess ear wax

Recharge or replace the batteries

Make sure the external antenna is connected and unwound

## Static, intermittent sound, or feedback

Move away from sources of interference (metal structures, computers, etc.)

Make sure that no other microphone is transmitting on the same channel

Clean and check the battery contacts

Check for improperly fitting or clogged earmoulds, or excess ear wax

## Low battery life

Drain the battery completely

Charge overnight

Repeat the procedure once more

### **Microphone batteries won't charge**

LCD battery icon will flash if there is a problem with charging

Check that the batteries are special silver-banded batteries – all other batteries cannot be charged while in your Amigo T10 transmitter/microphone

Check that the charger is plugged into working wall socket

Clean the charge jack

### **LCD error codes**

E2–LCD communication error – contact your Hearing Care Professional for help

E1–RF fault – contact your Hearing Care Professional for help

### **Omni mode does not work**

Check the LCD panel – if the panel is flashing “HI”, then your transmitter/microphone is set to HI (or boom mic) level. Ensure transmitter/ microphone is set to Omni mode, and

push the HI/LO button to reset the mic to LO mode.

### **Very noisy sound when plugged into TV or stereo**

If you experience a noisy signal when connecting the microphone to TV, stereo, etc., check the LCD panel—if the panel is flashing “HI”, then your microphone is set to HI (or boom mic) level. Ensure the microphone is set to Omni mode, and push the HI/LO button to reset the mic to LO mode.

### **Very high noisy sound**

When the microphone is off and the receiver is still on, a high noisy sound can come from the receiver when the hearing instrument is subjected to loud sound levels and/or the hearing instrument battery level is low. Shut off the receiver and/or change hearing instrument battery.

**Consult your Hearing Care Professional for assisting with troubleshooting or other questions.**



## Appendix B: Manufacturer's Warranty

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

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

### **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 labour 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 apply to:

- Malfunctions resulting from abuse, neglect, or accident.
- Peripheral accessories as itemized within the product brochure, when such items are returned after 90 days 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 delay 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, 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 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.

Hereby, Oticon, declares that this Amigo T10 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Date of purchase: \_\_\_\_\_

**Amigo serial numbers:**

Microphone: \_\_\_\_\_

Receiver - left: \_\_\_\_\_

Receiver - right: \_\_\_\_\_

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