

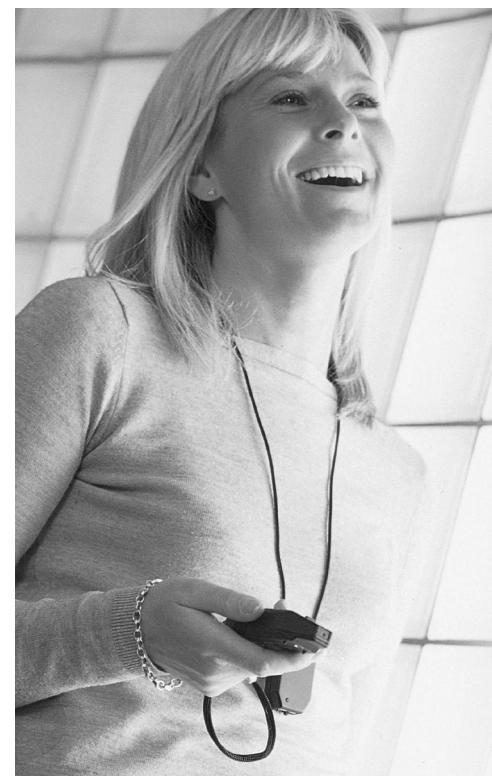
Your Distributor:



User Guide

The Perfect Hearing Aid Companion

- Reduces unwanted background noise
- Enhances desired sounds near and at a distance
- Versatile for everyday use



The Conversor®



Conversor Products Ltd.
Tel: +44 (0)800 037 6262
sales@conversorproducts.com
www.conversorproducts.com

MANUFACTURED UNDER LICENCE BY GLENTRONICS LTD.
64 Mallusk Road, Newtownabbey, Co. Antrim BT36 4QE

Intended Use

The Conversor® is intended to be used as an Assistive Listening Device by persons who are hard of hearing.

For sale in the following countries:

All countries in Europe and North America

CE 0885 

Declaration of Conformity

GLETRONICS LTD.
64 Mallusk Road
Newtownabbey
Co. Antrim BT36 4QE

Type of Equipment: *Radio
Microphone & Receiver*

Model: *Conversor*

Glenronics Ltd. hereby declares that the equipment specified above conforms to the essential requirements of the EC DIRECTIVE 1999/5/EC for Radio and Telecommunications Terminal Equipment. Having applied the following standards:

ETSI EN 300 422-1 V1.1.1 (2000-08)
Wireless microphones in the range
25MHz to 3GHz

ETS 300 445 1996
The ETS 300 445 1996 refers to the
EMC standard for wireless microphones and similar radio frequency (RF) audio link equipment.

FCC ID: QA6 CONVERSOR-F3

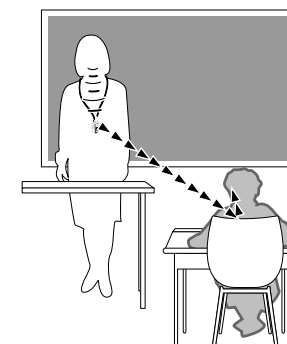
This transmitter is authorized by rule under the Low Power Radio Service (47 C.F.R. Part 95) and must not cause harmful interference to TV reception or United States Navy SPASUR installations.

You do not need an FCC license to operate this transmitter. This transmitter may only be used to provide: auditory assistance to persons with disabilities, persons who require language translation, or persons in educational settings; health care services to the ill; law enforcement tracking services under agreement with a law enforcement agency; or automated maritime telecommunications system (AMTS); network control communications. Two way voice communications and all other types of uses not mentioned above are expressly prohibited.

This device may not interfere with TV reception or federal government radar and must accept any interference received, including interference that may cause undesired operation.

In the Classroom

Using the *Neck Cord Attachment*, the teacher wears the Microphone when instructing the whole class. The teacher's conversation is transmitted to the student wearing the Pendant Receiver with enhanced clarity up to 25 metres away.

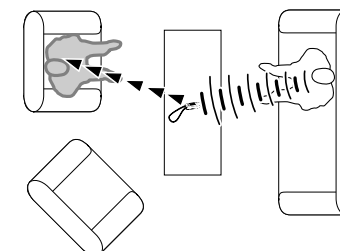


*Teacher wearing the
Microphone on the
Neck Cord*

During group discussions, the student may wish to place the Microphone on his or her desk, and point it at whoever is speaking at the time.

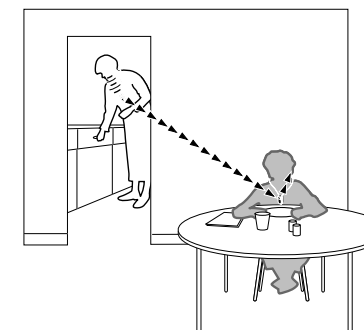
One-to-One Conversation

At home, most couples do not spend all of their time together in the same room. Have your companion wear the Microphone using the *Neck Loop Attachment*. By wearing your Receiver, you will hear the other person with clarity and be able to converse at comfortable levels, despite being in different rooms.



Relaxed one-to-one conversation

This mode of use can also be employed when out and about, whether shopping or simply going for a walk, allowing relaxed conversation.



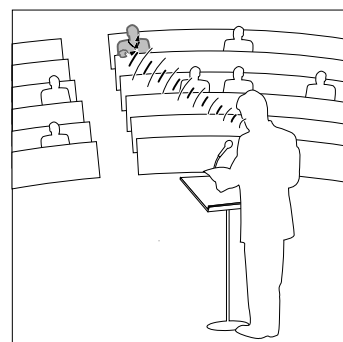
Remote listening

At a Lecture or Conference

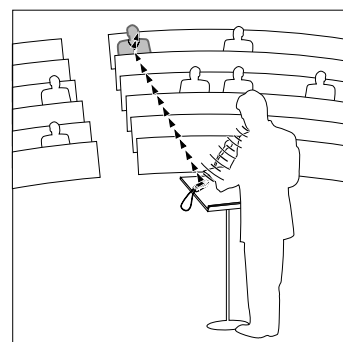
The Conversor has a unique technology that gives you the ability to listen to speakers clearly from a considerable distance. There are two ways to achieve this:

Hold the Microphone in your hand and point it at the source of desired sound up to 15 metres away. In a large quiet room, you can use the *Zoom* setting at a high sound level to focus on a distant speaker.

Or, place the Microphone on the lectern, or ask the speaker to wear it using the *Neck Cord Attachment*. The Microphone will transmit the speech up to 25 metres away with enhanced sound level and clarity to your hearing aid.



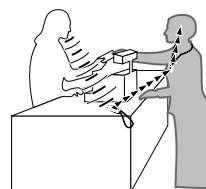
Held in your hand, pointed at the speaker



Placed near or worn by the speaker

Out Shopping

Place the Microphone on the countertop to hear the shop assistant clearly.



Or, if you have a child who is hard of hearing, you wear the Microphone and your child wears the Pendant Receiver. Your child will be able to hear your voice loud and clear anywhere in the store.



Welcome!	2
How to Charge Your Conversor	4
Setting up Your Conversor	6
Check your Hearing Aid	6
Microphone Set-up	6
Receiver Set-up	7
Listening with <i>The Conversor</i>	7
Checking the Sound Balance	8
Switching between <i>Omni-Directional</i> and <i>Zoom</i> Settings	9
Sockets and Connections	10
How to use the Neck Cord with the Conversor Microphone	12
Taking Care of Your Conversor	13
The Conversor in Everyday Use	14

Thank you for your purchase of *The Conversor*, one of the most versatile and enabling assistive listening devices available on the market that greatly enhances the clarity of sound received by your hearing aid in a variety of everyday situations.

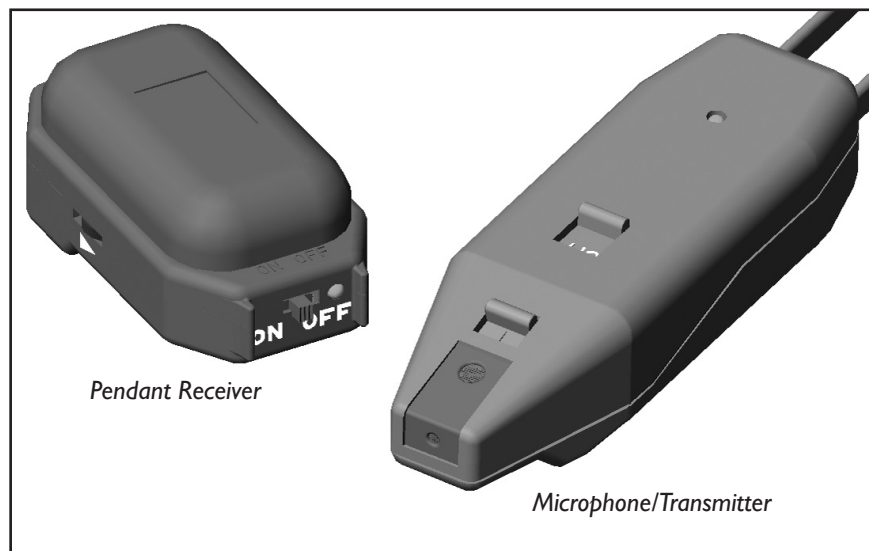
The *Conversor* consists of two lightweight components: A *Microphone/Transmitter* and a *Pendant Receiver*.

Also included in your package is a *Power Supply Unit*, a *Battery Charger* and a *Mains Lead* for recharging the batteries.

A *Neck Cord* is also provided to enable the *Microphone* to be worn optionally by a speaker around the neck.

The enclosed *Carry Wallet* allows you to protect and store the *Microphone* and the *Receiver* when not in use.

If you are missing any of these items, please contact your Distributor, or call the *Conversor Customer Service Line* at **0800 037 6262**.

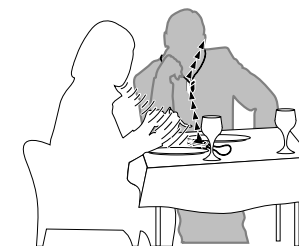


Pendant Receiver

Microphone/Transmitter

In a Café or Restaurant

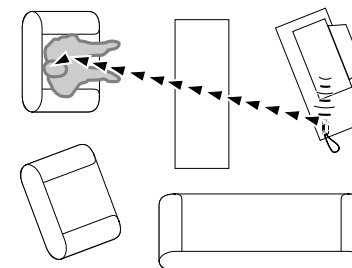
Place the *Microphone* on the table close to your companion and switch it to the *Zoom* setting for relaxed conversation despite loud background noises.



Intimate conversation in a café or busy restaurant

Watching Television

With the *Conversor*, there is no need to purchase a separate TV amplifier or room loop. Use the *Conversor* to watch comfortably at home or away.



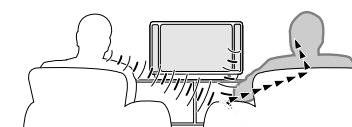
Watching on your own

Watching on Your Own

Place the *Microphone* next to the TV for optimal sound level, or connect the *Microphone* to the TV audio output using an optional accessory (See Page 10).

Watching and Conversing with Another Person

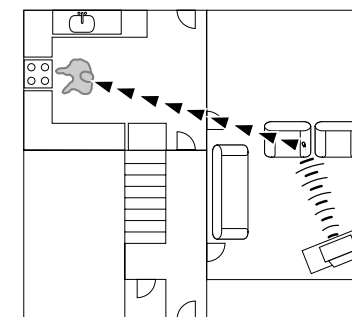
Keep the *Microphone* on the arm of your chair next to your companion. This enables you to turn the *Microphone* towards the other person for relaxed conversation and easily listen to the TV at the same time.



Watching with another person

Remote Listening

Place the *Microphone* near the TV and move about freely. Your *Receiver* will pick up sound clearly from the TV up to 25 metres away, even if you are in another room.

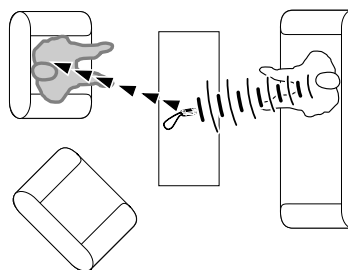


Remote listening

The Conversor in Everyday Use

Relaxed Conversation

Place the Microphone on a surface facing your companion to enable relaxed listening and conversation. Since the Microphone is closer to the sound you want to hear, the sound will be received with greater clarity than possible with the hearing aid alone.



Relaxed one-to-one conversation

In the Car

The inside of a moving car is a noisy environment, creating listening problems for hearing aid wearers. Whether you are the driver or a passenger, The Conversor enables you to hear your driving companions clearly, even if your hearing aid is in the ear farthest away from those speaking.



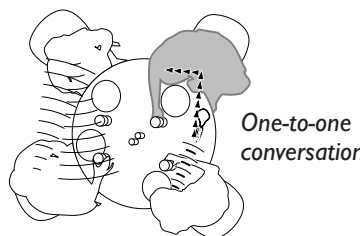
As a passenger (Holding Microphone)



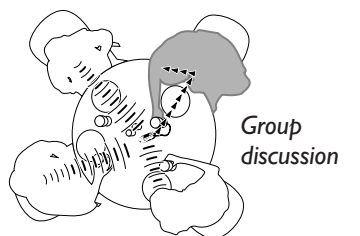
Or driver (Driving companion wears Microphone)

At a Family Meal, Dinner Party, or Group Discussion

For one-to-one conversation, set the Microphone to the *Zoom* setting and place it on the table between you and the person you want to converse with. Or to join in on group discussions, switch the Microphone to the *Omnidirectional* setting and place it in the middle of the table. You will now pick up on voices around the table at a similar level.



One-to-one conversation



Group discussion



Your Conversor package should include:

- Wireless Microphone
- Pendant Receiver
- Power Supply Unit
- Battery Charger
- Mains Lead
- Neck Cord
- Carry Wallet

Used together with your hearing aid*, The Conversor will improve your ability to hear, select and focus on a particular sound. You simply point the Microphone towards, or place it close to, the sound that you wish to hear. The pendant receiver is worn at all times during use around your neck, either above or beneath clothing.

In order to set up The Conversor correctly and to familiarise yourself with the controls, please read this user guide carefully.

**In order to receive the benefits of The Conversor, your hearing aid must have a T Setting or Telecoil facility.*

For use with non-behind-the-ear hearing aids, please refer to the Conversor Website – www.conversorproducts.com, or contact your hearing aid supplier for clarification and assistance.

How to Charge Your Conversor

The Conversor Microphone and Receiver are powered by built-in rechargeable batteries. There may already be sufficient charge left in each unit for short-term use when you take them out of the box. However, it is our recommendation that you fully charge each unit before trying them out. To do this, please follow these instructions:

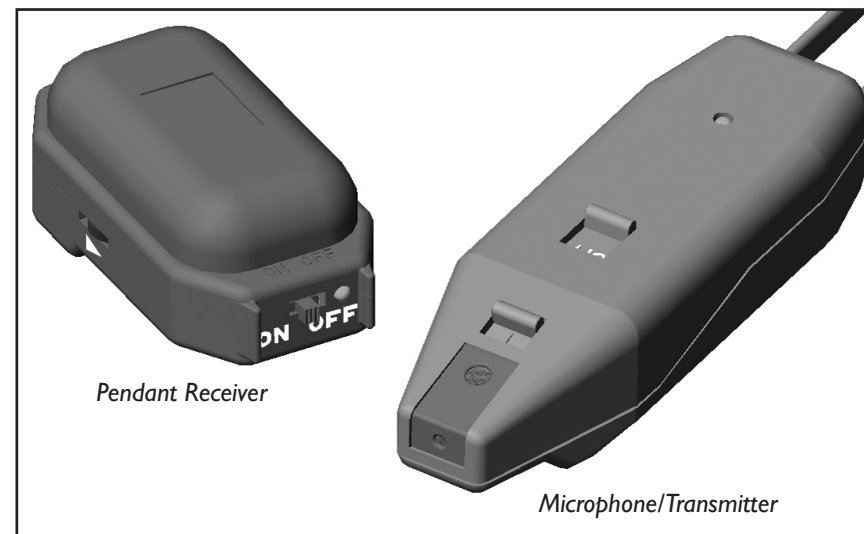
1. Plug the Mains Lead into the Power Supply Unit.
2. Connect the Power Supply Unit to the Battery Charger using the single lead as shown.
3. Ensure that the Microphone and the Receiver are switched off, then connect them to the Battery Charger using the two leads as shown.
4. Plug the Mains Lead into an electrical outlet.
5. The green lights on the Battery Charger – (Mic) for the Microphone and (Rec) for the Receiver – will flash to indicate that the charging cycle has begun.
6. Charging time is approximately 2 1/2 hours for both the Microphone and Receiver, providing you up to 8 hours of continuous use.
7. Both green lights on the Battery Charger – (Mic) for the Microphone and (Rec) for the Receiver – will stop flashing and remain constant when the batteries are fully charged.
8. Repeat this procedure each time you recharge the Microphone and the Receiver.

Please note that you do not need to wait until your batteries are completely run down before you recharge them. You can top-up the charge any time at your convenience. However it is recommended that you fully discharge all batteries approximately once a month.

Taking Care of Your Conversor

1. Do not subject the Microphone or the Receiver to heavy shock.
2. Keep both units away from moisture and high humidity – they are not waterproof.
3. Try to avoid long periods of exposure to direct sunlight.
4. Gently coil the neck loop for storage rather than tightly winding it around the Receiver. It contains a wire which could be damaged.
5. Do not attempt to open the Microphone or the Receiver casing. They contain no user-serviceable parts. Opening either unit will invalidate the warranty.

*If either the Microphone or the Receiver do not function as described in this manual, please contact your Distributor or call the Conversor Customer Service Line at **0800 037 62622**.*



How to Use the Neck Cord

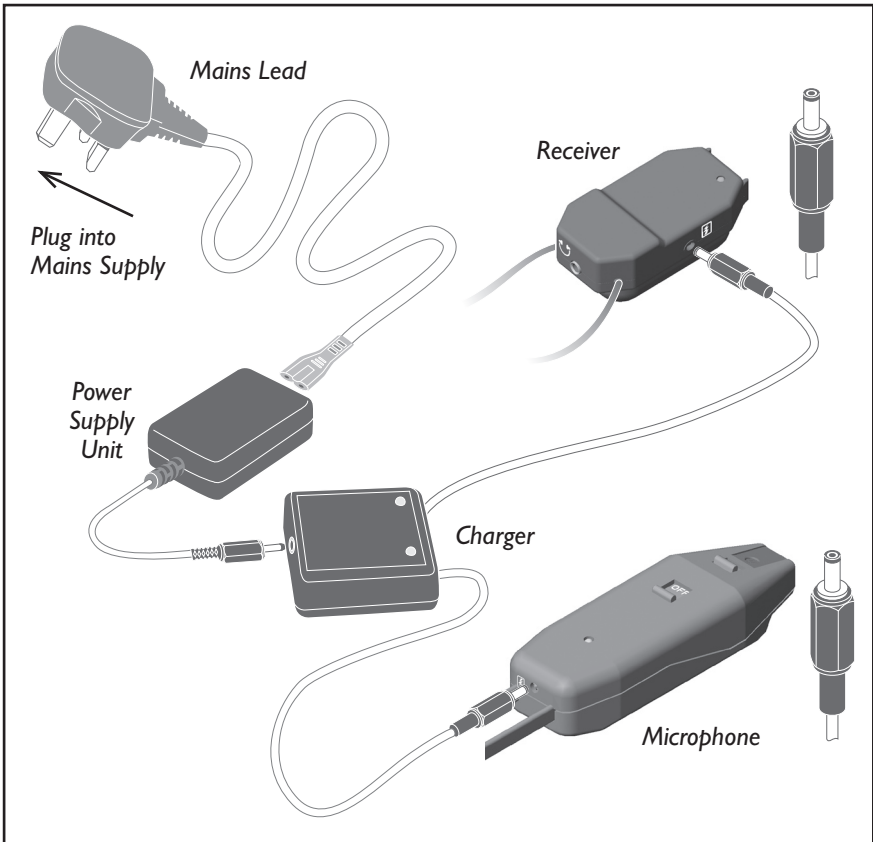
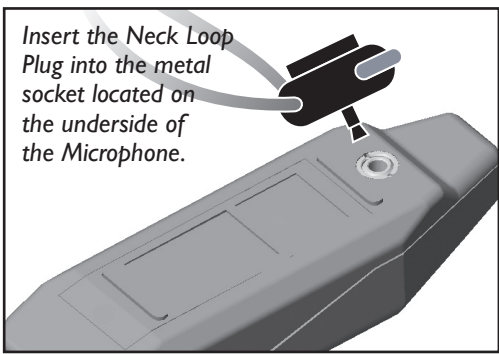
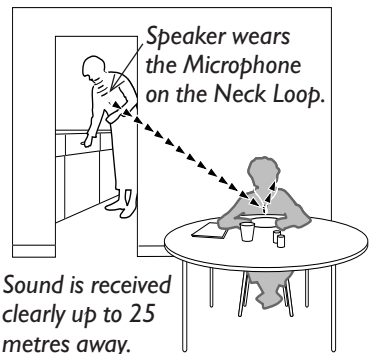
The Neck Cord allows a speaking companion to wear the Microphone around his or her neck for hands-free convenience and greater mobility during conversation.

The Neck Cord is attached to the Microphone by inserting the neck cord plug into the metal socket on the underside of the Microphone.

To adjust the position of the Microphone on the Neck Cord, simply press the button on the plug attachment. This releases the grip and allows you to slide the Microphone up or down on the neck cord.

Suggestions for Use:

- 1. Your speaking partner can wear the Microphone around the house, enabling relaxed conversation, even when moving from room to room.
- 2. Your speaking partner (either driver or passenger) can wear the Microphone in the car, enabling hands-free use.
- 3. A speaker, such as a teacher in a classroom, a pastor in a church, or a presenter at a meeting, can wear the Microphone for clear transmission to your Receiver up to 25 metres away.



To the right is a guide showing you charge times and corresponding battery life.

Charge time on fully discharged batteries	Approximate battery life
25 Minutes	1 Hour
40 Minutes	2 Hours
65 Minutes	4 Hours
90 Minutes	6 Hours
150 Minutes	8 Hours

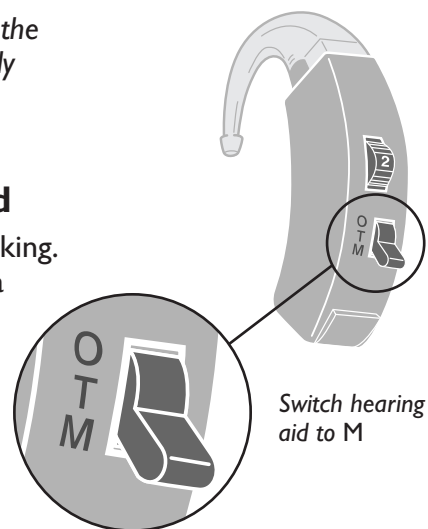
Setting Up Your Conversor

Before you begin, please ensure that the Microphone and the Receiver are fully charged (Please see Page 4).

1. Check Your Hearing Aid

Make sure your hearing aid is working. Turn on a radio or TV and select a speech programme. Turn your hearing aid to M (mic) and set the volume control to a comfortable level.

For use with non-behind-the-ear hearing aids, please refer to the Conversor Website – www.conversorproducts.com, or contact your hearing aid supplier for clarification and assistance.

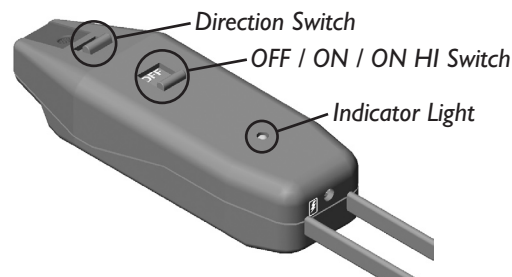
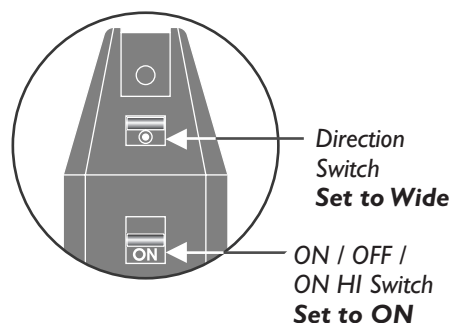


2. Microphone Set-up

Switch the Microphone to ON. The green indicator light should glow.

The ON setting is for normal or noisy situations. ON HI is for quiet conditions and where the desired sound is quiet and/or at a distance. (Do not use ON HI just yet)

Set the Microphone direction switch to the Omni-Directional setting (Move the switch forward as shown to reveal the white dot).



2. Via a SCART Socket

Optional Conversor Accessory:
SCART Adaptor

The SCART socket is a multi-pin socket found on the rear of many audio devices. An optional SCART Adaptor, which is connected to the Conversor Microphone, can be plugged into this socket. Although connection is not as easy as using the headphone socket described previously, it enables other people to listen as well.

3. Via Audio-Out Phono Socket

Optional Conversor Accessory:
SCART Adaptor

If your audio device does not have a SCART socket on the rear, it will most likely have an Audio-Out Phono socket.

This is a small circular ring with a white or red plastic insert and may be located either on the front or rear of the audio device (Please refer to your audio device owner's manual).

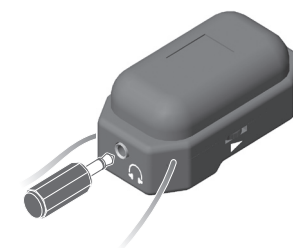
As with the SCART socket, connection via the Audio-Out Phono socket does not disconnect the speaker, allowing others to listen at the same time. You can connect the Conversor Microphone into this socket using the SCART Adaptor Cable.

Use of the Receiver with an Earpiece or Binaural Headphones

Optional Conversor Accessory:
Stereo/Mono Adaptor

The Conversor can also be used with an earpiece or binaural headphones instead of your hearing aid.

Simply plug the ear piece or headphone jack into the optional Stereo/Mono Adaptor, which plugs into the socket situated at the top (pendant end) of the Conversor Receiver.



Plugging the Stereo/Mono Adaptor into the Receiver.

The Conversor Microphone can be connected to other audio devices as described below. The following accessories are not included in your package, but can be purchased separately by contacting your Distributor, or call the Conversor Customer Service Line at **0800 037 6262**.

Direct Audio Input

The socket on the underside base of the Microphone is intended for direct audio input. It is used for direct connection to a television, radio or stereo/HiFi.

This provides you a very high quality amplified sound that will be transmitted to your hearing aid, giving you relaxed listening pleasure.

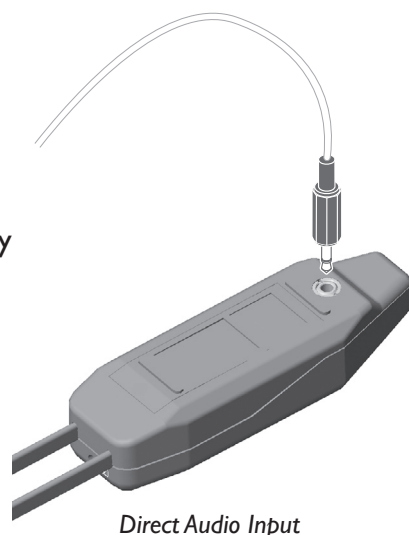
Connection to TV, Radio or Stereo/HiFi

1. Via Headphone Socket

Optional Conversor Accessory:
Jack-to-Jack Lead

Most current TV, radio or stereo models have a headphone socket on their front panel. Plug the optional jack-to-jack lead into this socket to connect the audio device to the Conversor Microphone.

By plugging the jack into the headphone socket, the speaker of the audio device will be disconnected, so that other people can not listen at the same time.



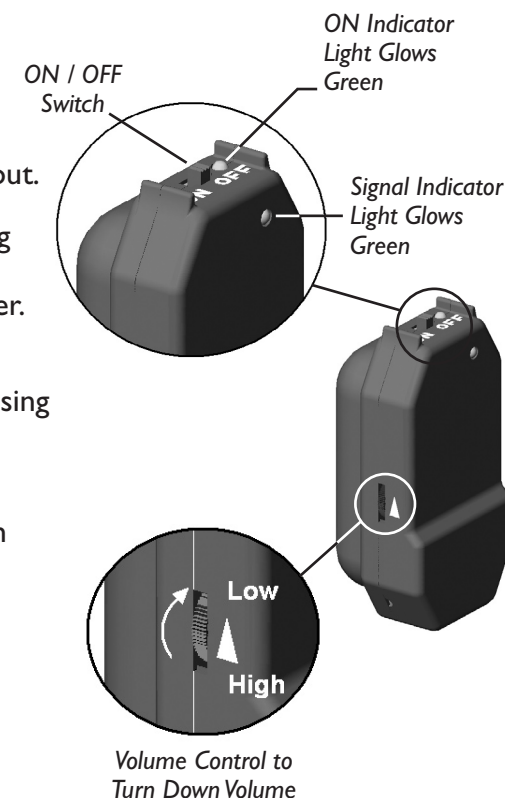
3. Receiver Set-up

Hang the Receiver around your neck with the green signal indicator light facing out.

Turn down the volume using the volume control on the left-hand side of the Receiver.

Then flip up the bottom of the Receiver to turn it on using the ON/OFF Switch.

The *ON Indicator Light* next to this switch at the bottom of the Receiver should now glow green, indicating that the unit is ON and that the batteries are charged.



4. Listening with The Conversor

Select the *T* setting on your hearing aid, but do not adjust its volume control.

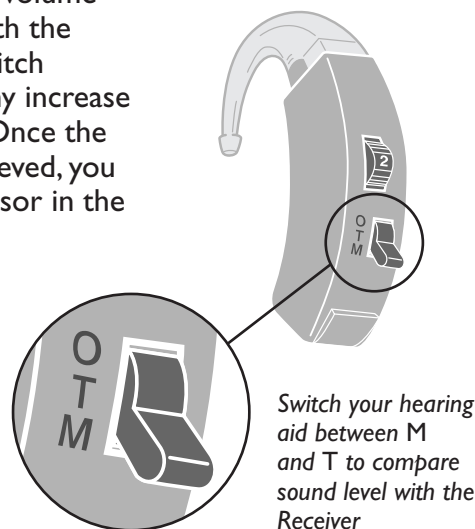
Point the Microphone at a source of sound. As you turn up the volume control on the Receiver, you should begin to hear sound transmitted from the Microphone clearly.

The Conversor Microphone has now taken over from your Hearing Aid. This is a bit like having the hearing aid microphone in your hand. When the Microphone is set to the Omni-Directional setting, you will not yet experience the full benefit of The Conversor, but this procedure will help you to match the sound level of The Conversor with your hearing aid.

5. Checking the Sound Balance

Using the O/T/M selector on your hearing aid, switch between the *T* and *M* setting, adjusting the volume control on the Conversor Receiver until the sound level is matched with the hearing aid.

It is important to match the volume levels of your hearing aid with the Receiver, so that you can switch between the two without any increase or decrease in sound level. Once the preferred sound level is achieved, you are ready to try The Conversor in the *Zoom* setting.



Eliminating the buzzing noise in your hearing aid

When the hearing aid is set to *T*, a buzz may be heard if the hearing aid is close to strip lighting, computers or TV screens. To overcome this, turn down the volume on the hearing aid until the buzz is gone. Then turn up the volume on the Conversor Receiver to return the sound to the desired level.

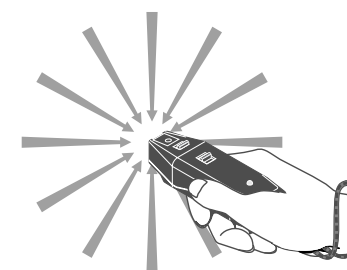
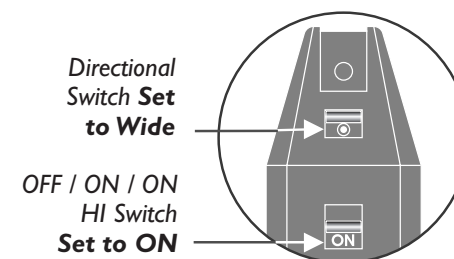
6. Switching Between Omni-Directional and Zoom Settings

The Microphone directional switch should already be switched forward (white dot is visible) to the *Omni-Directional* setting. Point the Microphone at different sources of sound, both near and far, to experience the way The Conversor picks up surrounding sounds.

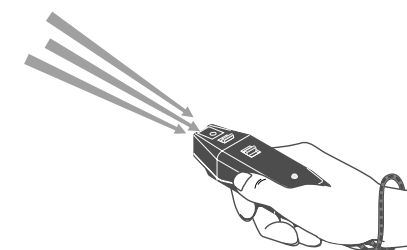
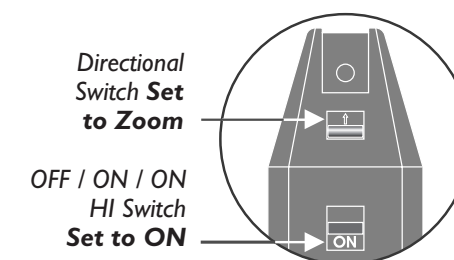
When the Microphone is set to the *Zoom* setting (move the switch back so that white dot disappears), it will focus on sounds from the front.

What you hear depends on the direction in which the Microphone is pointed. It will also reduce the level of sounds coming from other directions, helping you to focus on the sound you have selected.

You should now be familiar with the controls and ready to try The Conversor in everyday listening situations.



Omni-Directional Setting



Zoom Setting