

Conversor TV Pro

The Assistive Listening Device
by Conversor Limited



User's Manual

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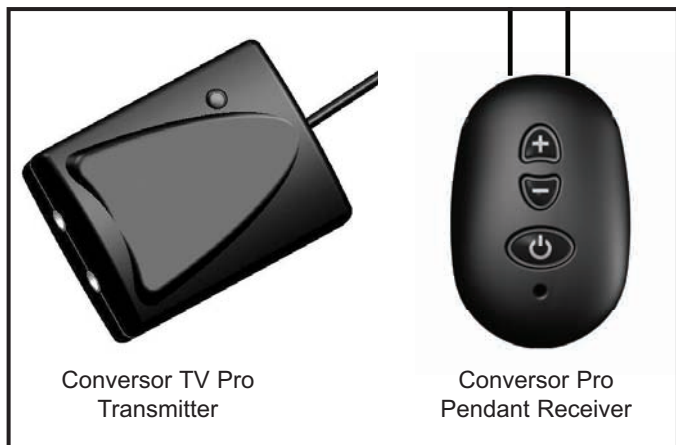
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Welcome!

Thank you for your purchase of *Conversor TV Pro*, an Assistive Listening Devices which greatly enhances the clarity of sound received by your Hearing Instrument(s).

Conversor TV Pro consists of two lightweight components and charging system, including:

- A Transmitter
- A Pendant Receiver
- A Power Supply Unit and Mains Lead





**TV Pro
Transmitter**



**Pendant
Receiver**

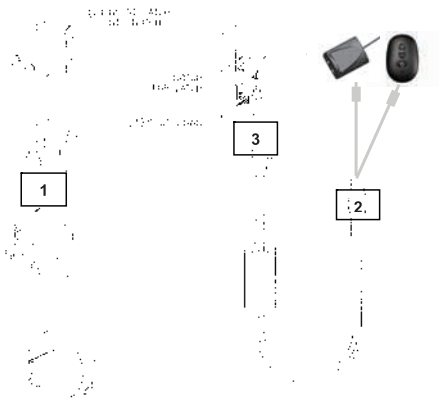


Supply Unit

TV Adapter Cable; Audio Jack Cable

Used together with your Hearing Instrument(s), *Conversor TV Pro* will greatly improve your ability to hear, select and focus on a particular sound. Connect the TV Pro transmitter to the television or sound source, plug in and switch on. The Pendant Receiver is worn at all times during use around your neck, either above or beneath clothing. In order to set up *Conversor TV Pro* correctly and to familiarize yourself with the controls and buttons, please read this User Guide carefully. *In order to receive the benefits of *Conversor TV Pro*, your Hearing Instrument(s) must have a "T" or Telecoil setting.

How to switch on the TV Pro Transmitter and how to Charge Conversor Pro Receiver:



1. Attach the correct mains adaptor to the charger
2. Attach to the TV Pro Transmitter and Receiver using the dual plugs
3. Plug into mains socket and charge according to the instructions below
4. The green light will flash on the transmitter indicating that it is transmitting. Note: the transmitter should be connected at all times to the charger as it has no battery.
5. The lights on the ON/OFF switch on the receiver will stay red until the unit is fully charged when they turn green

Below 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

* 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 you fully discharge all batteries approximately once a month

When the battery indicator light turns red, it indicates that only 25% charge remains. The battery needs recharging soon

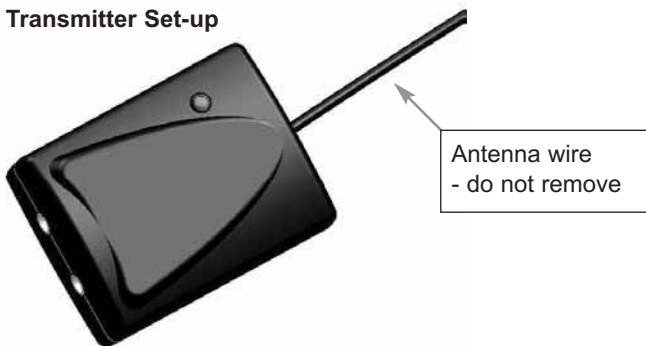
Setting up Conversor TV Pro for the First Time

Please ensure that the TV Pro Receiver is fully charged (see page 6). and that the TV Pro Transmitter is connected to the charger and the power switched on.

1. Make sure your hearing instrument is working

Switch your Hearing Instrument to the Telecoil Mode. (See your Hearing Instrument User Guide or Consult your Audiologist.)

2. Transmitter Set-up

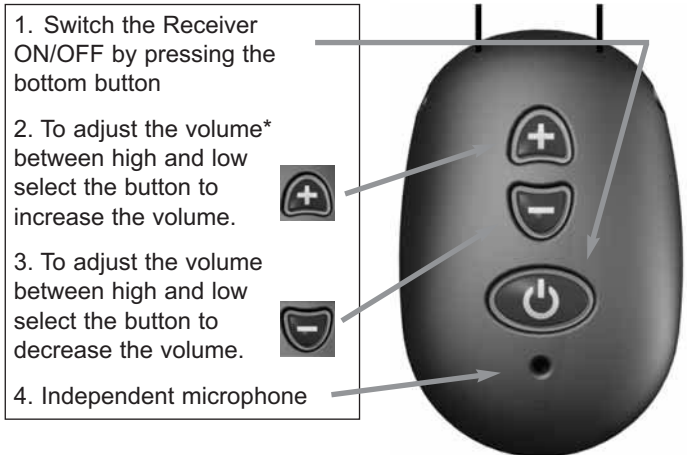


1. Plug charger into the transmitter socket with ⚡ symbol and switch on the power. A green light will indicate that the transmitter is working.
2. Insert Jack Plug into transmitter socket with 🎵 symbol and connect twin phono plugs to TV (with or without connecting scart plug see page 11).
3. Switch TV on and select programme. Adjust the volume on the Receiver until you are comfortable with the volume level.

- The Volume on the TV is independent of Conversor TV Pro and can be adjusted to suit the needs of the other listeners.
- Do not cut off the antenna wire attached to the transmitter.**

Setting up Conversor TV Pro for the First Time

4. Setting up the Receiver



The Conversor Pro receiver has a green light when it is “paired” correctly with the transmitter*.

If the light goes Red, the Battery is low and operation may stop within the hour. If the receiver’s light is half Red and half Green the receiver is not paired with the transmitter, and the receiver uses its internal microphone.

5. To use *The Conversor Pro Receiver* on its own

The Conversor Pro Receiver has an onboard microphone which enables it to be used as an assistive Listening Device without the Transmitter. To use in this mode, turn on only the Receiver.

*When the receiver is too far away from the transmitter, the receiver automatically switches to the onboard microphone. The transmitter has range of approximately 20 metres.

***Volume Memory** – *The Conversor Pro* Receiver automatically stores the most recent volume level selected before the unit was switched off. This level remains selected until a new level is chosen. Each level is indicated by a “beep” when the volume control is pressed. When the top of the volume range is reached a higher pitch “beep” can be heard.

6. How to Listen with *Conversor TV Pro*

Switch your hearing instrument to 'T', but do not adjust its volume control.

Ensure the TV is switched on and the TV Pro transmitter green light is on.

As you turn up the volume control on the Receiver, you should begin to hear sound transmitted from the TV clearly.

7. Checking the sound balance

When the Hearing Instrument is set to the "T" Setting, a buzz may be heard if the Hearing Instrument is close to strip lighting, computers or TV Screens. Consult your Audiologist for advice on adjusting or replacing the Telecoil for optimum use.

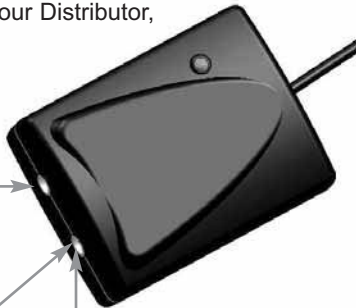
It is important to match the volume levels of your hearing instrument with *Conversor Pro* Receiver, so that you can switch between the two without any increase or decrease in sound level.

8. Sockets and Connections

Conversor Pro receiver has one 3.5mm Jack Socket which is used for both battery charging and for connection to headphones.

Sockets and Connections – Transmitter

The *Conversor TV Pro* Transmitter can be connected to the TV and other audio devices as described below. The following Accessories are included in your package. Additional units can be purchased by contacting your Distributor, or *Conversor Limited*.



1. Plug one of the leads from the charger into the power socket on the TV Pro Transmitter. Switch on the power and leave permanently connected.

2. Connecting to Radio or Stereo Hi-Fi Equipment. Use the enclosed Audio Jack Cable supplied to connect to the audio devices. Plug one end into The Transmitter Audio Input Socket and other end to the audio device via the headphone socket.

3. Connecting to the Television, Sky or Cable box. Use the enclosed TV Adaptor cable (SCART block not for use in the USA). For connection to the audio device, plug the Phono cables supplied into the SCART block and connect it to the television, Sky or Cable box. Connect the jack pin end to the Transmitter.

1. Direct Audio Input (TV Scart Adaptor)

The SCART socket is a multi pin socket found on the rear of many Televisions, Sky and Cable boxes. By connecting the Scart Adaptor with the Phono Cables to The *Conversor TV Pro* transmitter, connection to the device is made simple and it allows others to listen to the TV at the same time.

2. Direct Audio Input (Phono Cables only)

If your audio device does not have a SCART socket on the rear panel, it will most likely have Audio Phono Sockets. These are small circular rings with a red or white plastic insert, and they may be located on the front or rear of the audio device (Please refer to your audio device owner's manual). As with the SCART Adaptor, connection does not interrupt sound to the speakers, allowing others to listen at the same time. You can connect The *Conversor TV Pro* transmitter into these sockets using the Phono Cables.

3. Direct Audio Input (Audio Jack Cable) (not supplied)

Most current TV, Radio or Stereo models have a headphone socket on the front panel. Plug the Audio Jack Cable into this socket to connect the audio device to *The Conversor TV Pro* transmitter.

By plugging the Audio Jack Cable into the headphone socket on the TV or Audio Device, the speaker of the audio device will be disconnected, so that other people cannot listen at the same time.

Sockets and Connections – Receiver

The *Conversor Pro* Receiver can also be used with an earpiece or binaural headphones instead of using your Hearing Instrument, as described below.



Simply plug the ear piece or headphones jack into the socket located on the bottom of *The Conversor Pro* Receiver. This socket is an Audio Output Socket. It can also be used to connect the output to desktop speakers for added amplification. For further information on how to use it in this way, please contact your Distributor or Conversor Limited.

Care Instructions

- *The Conversor TV Pro* has been calibrated for optimum use.
- Do not subject *The Conversor TV Pro* Transmitter or Receiver to heavy shock.
- Keep both units away from moisture and high humidity – they are not waterproof.
- Try to avoid long periods of exposure to direct sunlight.
- Gently coil the Receiver Neck Loop for storage rather than tightly winding it around the unit. It contains a wire and quick release connection, which could be damaged.
- Do not attempt to open either *The Conversor TV Pro* Transmitter or Receiver casing (other than the battery compartment to change the battery). They contain no user-serviceable parts. Opening either unit will invalidate the Manufacturer's Warranty (See over).



Conversor TV
Pro Transmitter



The Conversor Pro
Pendant Receiver

Changing the Battery in the Receiver

Lithium batteries are available from your distributor or audiologist, and they can replace them for you. You can also change them yourself, following these instructions:

Receiver Battery Changing



1. Slide open the battery cover.
2. Remove the existing battery.
3. Pull out the connector.
4. Insert the new battery into the battery socket as shown. Pay particular attention that the ridge of the connector plug fits into the groove of the fixed connector socket.
5. Tuck in the wires and replace the battery cover.

Troubleshooting

Transmitter & Receiver do not start:

Please ensure that the charger is plugged into the Transmitter and the green light is on and ensure that the Receiver is charged correctly. The ON/OFF button must be pressed to operate the receiver. A green light will glow behind the button to signal that the unit is on.

If it still does not work, please check that the charger leads are connected properly as well as the connection to the mains, then recharge. If this still does not solve the problem, please contact your distributor for a battery check / change.

Poor sound quality:

Please ensure that the range in which you are trying to operate does not exceed the operating distance. Check that the batteries are fully charged, as this can result in a drop in sound quality and operating range. If the batteries are low, the led will change from green to red.

Poor range and interference:

Conversor TV Pro has been designed for optimum sound quality and range. In certain environments consisting of iron / steel or metalwork frames, the range can be reduced. There may also be some interfering equipment close by such as strip lighting, PC equipment, fans or motors. These items give off an electrical magnetic field, which can interfere with radio equipment.

NOTE:

To identify if the environment you are in is likely to give any interference, select the Telecoil setting on your Hearing Instrument without *Conversor TV Pro* switched on, and walk around the room to see if there are any unusual sounds being picked up by the Hearing Instrument. If a lot of interference is heard, please be aware that by using *Conversor TV Pro*, these sounds will be amplified.

The manufacturer, Conversor Limited, 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 shall 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 labor when returned to the point of purchase. Transportation costs shall be 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 Distributor and the 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 and Receiver Neck Loop.
- Instruments installed, connected, used, or adjusted in a manner contrary to the instructions provided.
- Consequential damages and damages resulting from delay or loss of this unit. 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 products 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 sales or use of this products other than as set forth above.

If your unit requires service under the terms of this warranty, carefully package the complete product 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 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.

Statements of Compliance & Conformity

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

For sale in the following countries: European Union and all countries outside the European Union



We, **Conversor Limited of The Lansbury Estate 102 Lower Guildford Road Woking, Surrey GU21 2EP United Kingdom**, declare that the product *The Conversor TV Pro* Assistive Listening Device is in conformity with *Council Directives 1999/5/EC* Radio & Telecommunications Terminal Equipment

- ETSI EN 301-489-1 V1.7.1 (2007/04)
- EN 55022: 2006
- EN 61000-3-2: 2006
- EN 61000-3-3: 1995 A1 & A2
- EN 61000-4-2: 2001
- EN 61000-4-3: 2006
- EN 61000-4-4: 2004
- EN 61000-4-5: 2006
- EN 61000-4-6: 2005
- EN 61000-4-11: 2004
- ETSI EN 300-422-2 V1.1.1

The manufacturer also declares the conformity of above mentioned product with the actual required safety standards in accordance with **LVD 73/23 EEC**.

EN 60950-1:2001 Safety
EN 60950-1:2003 Safety

Conversor Limited
October 2009

FCC ID: QA6-CONVERSTV
IC: 5529A-CONVERSTV

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

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

When this transmitter is operating, users should ensure that no other radio transmitter – such as cell phones – are operating within 20 cm of it.



***For the European Union and EEA only**

This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2002/96/EC) and your national law. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service.

(EEA: Norway, Iceland and Liechtenstein)

Contact Details:

Made in the EU for Conversor Limited
www.conversorproducts.com