

# Connecting a Roger TouchScreen to a TV

Connecting a Roger TouchScreen to a TV is a great way to get sound from the TV direct into hearing aids, cochlear implants, bone anchored devices etc. This can greatly improve the listening experience and will also allow other family members to keep the volume at a comfortable level.

How the Roger TouchScreen is connected will depend on the connections available on the TV. Connecting to the headphone socket will work for the person using the Roger system but unfortunately this will usually turn off the external speakers. This may be ok if the person is watching on their own but not if they are watching with others.

The following pages show the most common ways of connecting the Roger TouchScreen to the TV. The options shown are:

- RCA audio out sockets
- SCART socket
- Optical (TOSlink) digital audio out with a digital to analogue adaptor

# Using the RCA audio out sockets

If RCA audio out sockets are available on the TV, then this is the simplest way to connect the Roger TouchScreen. Please note, the sockets must be audio out and not audio in. You will need a 3.5mm stereo jack to 2 x RCA Phono Jack lead (see below). Plug the two RCA jacks into the RCA audio out sockets on the TV. Plug the 3.5mm stereo jack into the socket on the Roger TouchScreen. Ensure that the TouchScreen is switched on. When the TV is on the sound will be transmitted to the Roger receivers. This will not affect the external speakers on the TV.



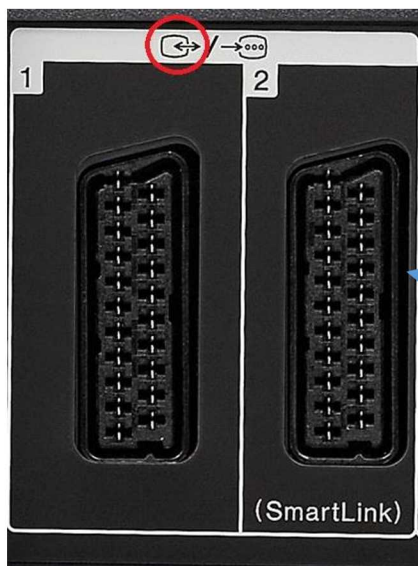
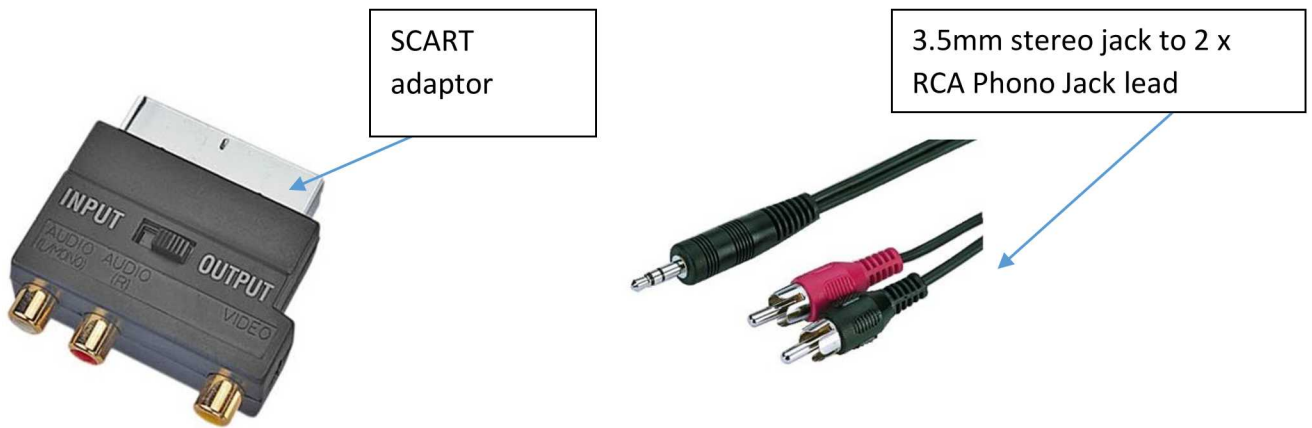
RCA (Phono/Cinch) audio out sockets



3.5mm stereo jack to 2 x RCA Phono Jack lead

# Using a SCART socket

Some TV's may have a SCART socket. This is an older type connection and most new TV's no longer have them. Some SCART sockets were audio input only so if a SCART socket is available you need to make sure it has audio out. If there is a SCART socket with audio output then you will need a SCART adaptor and a 3.5mm stereo jack to 2 x RCA Phono Jack lead. Connect the SCART adaptor to the TV. Plug the two RCA jacks into the RCA audio out sockets on the SCART adaptor. Plug the 3.5mm stereo jack into the socket on the Roger TouchScreen. Ensure that the TouchScreen is switched on. When the TV is on the sound will be transmitted to the Roger receivers. This will not affect the external speakers on the TV.

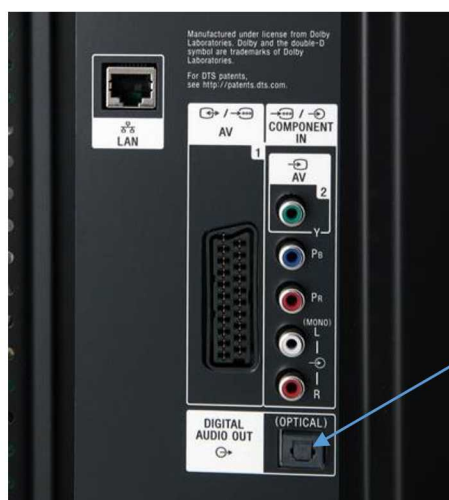


Note SCART 1 on the left is audio input and output. SCART 2 is audio in only. This is indicated by the arrows (input & output in red circle)

TV SCART socket

# Using the Optical (TOSlink) connection

Some TV's no longer use any analogue (RCA or SCART) connections and only have digital connections. There will most likely be an Optical (TOSlink) audio out connection. You would need a digital to analogue convertor such as the one shown below. There are many available, e.g. from Amazon. Look for one that has an Optical input socket and a 3.5mm stereo output socket. They are usually supplied with the Optical cable. Connect one end of the Optical cable to the Optical out socket on the TV. Connect the other end to the Optical in socket on the adaptor. You can connect the Roger TouchScreen to the adaptor using either a 3.5mm stereo jack to 3.5mm stereo jack lead or a 3.5mm stereo jack to 2 x RCA Phono jack lead. The Roger TouchScreen is usually supplied with the 3.5mm stereo jack to 3.5mm stereo jack lead. Whichever lead you use plug the 3.5mm stereo jack into the socket on the Roger TouchScreen. Plug the other end(s) into the appropriate output socket(s) on the adaptor. Connect the power lead for the adaptor and switch on. Ensure that the TouchScreen is switched on. When the TV is on the sound will be transmitted to the Roger receivers. This will not affect the external speakers on the TV.



Optical (TOSlink) connection



Digital to analogue adaptor

Optical cable

