

## Direct access to computer sounds for deaf students

There are two methods by which a student may access sound from a computer. Both of these are via its headphone socket.

Both of the methods described need to plug into an active headphone socket, this is important because computers and monitors often have multiple headphone sockets, some of which may not be active.

To find out if the socket that you hope to use is active, just plug in a pair of headphones and listen.

### **Method 1. Access using a personal FM system (radio aid):**

For Phonak systems [not including TX3 Handymics] you will need a lead which has a 3.5mm stereo jack plug on each end.

Put one plug into the computer headphone socket and the other plug into the audio input socket of the radio transmitter. This should work immediately, sending the computer sounds to the child.

**NB** Please read the instructions for each individual type of transmitter to discover how to select whether the child hears through the usual transmitter mic' along with the computer sounds or just the computer sounds only.

#### **For Genie systems :**

The same lead is needed. One end goes into the computer headphone socket, and the other into the audio input socket on the Genie transmitter. This will send both the computer sounds and the transmitter microphone sounds to the pupil. Mute the genie transmitter if you want only the computer sounds. Occasionally when using this method, the user may complain that the computer sounds are quiet, and if this should happen a different approach is needed.....

Use a Genie microphone input adaptor connected between the headphone socket of the computer and the Genie transmitter microphone input socket. This will deliver the computer sounds only to the pupil.

### **Method 2. Accessing computer sounds directly without using a personal FM system:**

You will need a blue plugged audio input lead from Connevans [page 202 Connevans 2010 catalogue]. Push the blue plug into the headphone socket of the computer and plug the other end[s] into the hearing aid audio input shoe[s]. You will need to ensure that the hearing aid[s] have had a suitable audio input programme installed by the clinic.

**NB For CI users and Bone anchored users** method 2 has important variations. Leads with isolating devices specific to the hearing instruments **must** be used. See pages 52 and 53 in Connevans 2010 catalogue, the hearing instrument supplier, or the respective implant centre.