

Soundfield tutor courtesy card – Trantec S10 System

A wireless fm soundfield system can be a great help to both students and lecturer – a few minutes of your time to help understand what does what will be invaluable to you.

We advise having a practice using the system without the class being present – and make sure that you experience the system yourself by listening to somebody else. Hopefully you will be impressed with the relaxed listening experience and understand better why the system does not need to be set very loud.

A soundfield system.....

benefits the tutor

offering greatly reduced vocal fatigue, improved class discipline and attentiveness. Less repetition is required and there is generally a less stressed teaching day.



benefits the student

offering improved speech clarity and verbal recognition for all class members including those with permanent or temporary hearing loss. Academic performance has been shown to improve with the introduction of a soundfield system.



When set up properly, a soundfield system can actually reduce the overall noise level in a classroom and give a clearer more natural sound to the tutor's voice.

System components



The radio microphone transmitter

The lecturer wears the Trantec S10 radio microphone transmitter with a head or neck worn microphone to pick up their voice.

There is no need to be self conscious in wearing a radio microphone – all the best TV stars do so.

It is important that you are comfortable wearing the transmitter. Different harness options are available.



The speakers

Fitted around the classroom above head height are four loudspeakers which are powered from the Trantec S10 receiver amplifier.



The amplifier

There are five controls on the Trantec S10. Once set, the volume and tone controls are normally left alone and should rarely need adjusting.

Power ON/OFF – the red indicator is lit when the power is on

Aux i/p level – eg TV or CD player if connected

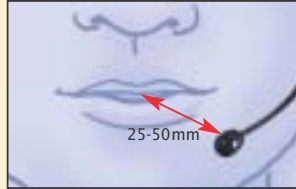


Information points

- 1 To turn on the S10 transmitter – move switch from ● to ●. The red indicator should light – if it does not then the battery needs charging.



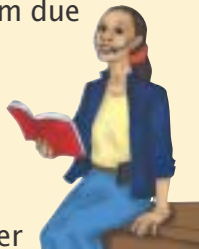
- 2 To reduce the chance of feedback the microphone must be approx. 25-50mm from the mouth – slightly to one side to avoid ‘breath noise’. Use a mirror to check the microphone position.



It is important that you are comfortable wearing the transmitter. Different microphone options are available. Many users like to keep their own microphone for hygiene reasons.

Lapel clip microphones are not suitable for use with a soundfield system due to the high risk of feedback.

- 3 During the lesson talk normally. You should not need to raise your voice.



- 4 Adjustment to volume from user to user may simply be made by moving the microphone nearer (or further!) from the mouth.

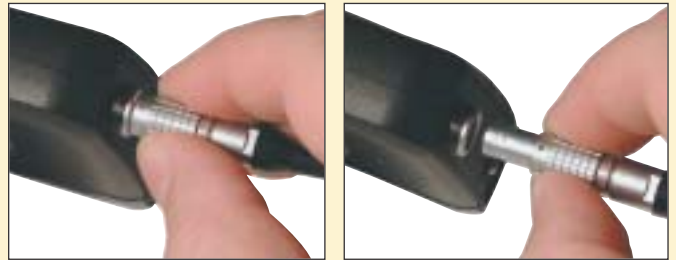
When you have finished addressing the whole group, don't forget to turn off the transmitter when having individual discussions.

- 5 Experience has shown us that tutors find it difficult to establish the correct volume and tone settings themselves – apart from not liking the sound of their own voice they usually set the volume unnecessarily high. Always seek the assistance of a colleague to initially set the controls.
- 6 A fully charged transmitter should last a school day (8 hours). Recharging should be carried out overnight.

- 7 To recharge a transmitter unplug the teacher's microphone and plug the grey charging lead into the same socket.

The red charge light on the S10 receiver front panel should start flashing to indicate that recharging is happening. Charging will terminate automatically when finished.

- 8 To unplug the microphone or charging lead, always grasp the knurled/textured section as pulling this unlocks the plug.



When fitting the plug, line up the red dots.



After the lesson, if you are not taking off the transmitter, remember to turn it off before going to the staff room or toilet!

The S10 transmitter has a transmitting range of several classrooms.

Thank you for your time.

Personal fm system users

Please note that the trantec S10 transmitter is not compatible with personal fm radio aid equipment for deaf people. Rebroadcasting using their own transmitter is however possible, please discuss this option with your school soundfield co-ordinator.