

# Soundfield tutor courtesy card – fmGenie Diversity

**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.

## *fmGenie users*

Users of personal fmGenie systems can listen directly to the fmGenie soundfield transmitter for optimum sound quality from their hearing aids.

## System components



### *The radio microphone transmitter*

The lecturer wears the fmGenie radio microphone 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 microphone options are available. Many users like to keep their own microphone for hygiene reasons.



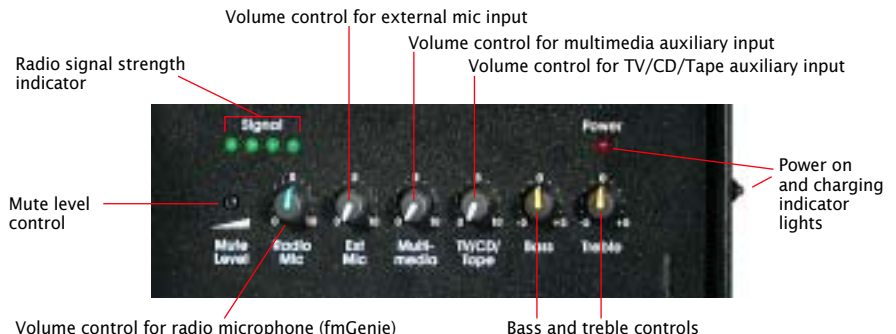
### *The speakers*

Fitted around the classroom above head height are either four or six loudspeakers which are powered from the fmGenie Diversity receiver amplifier.



### *The amplifier*

There are seven controls on the fmGenie Diversity. Once set, these controls are normally left alone and should rarely need adjusting.

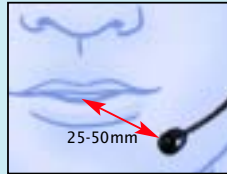


## Information points

① To turn on the fmGenie transmitter hold down the **Ⓚ** ON/OFF button for a few seconds until the red indicator flashes. If you can see the display then the unit is on.



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.



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 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.



⑤ Adjustment of volume from user to user may simply be made by moving the microphone nearer (or further!) from the mouth.

⑥ If the alert light on the transmitter unexpectedly starts flashing there will be a technical problem to be sorted out – probably a broken lead or flat battery, ask your school soundfield support contact for help.

## Muting the microphone

When you have finished addressing the whole group use the transmitter microphone mute facility so that you can have individual discussions.

A short press of the **⊗** button will mute the radio microphone.

Another press of the **⊗** button returns to normal.

When the feature is active the alert indicator and the microphone mute **⊗** symbol will flash.

Alert light flashes while microphone is muted



Charge socket

Star function button for microphone muting

## Battery charging

Before you switch off the fmGenie at the end of the day check the battery display.

If the unit shows two bars or less, put it on charge overnight. (Whilst an fmGenie will run for about 40 hours on a single charge, there is no need to risk the inconvenience of running out of power.)

To charge fmGenie transmitter.

1) Turn off fmGenie transmitter.

2) Connect charge lead and check that the battery bars are scrolling. The red indicator lights on the fmGenie Diversity will flash and the amplifier will switch off. (If there are no scrolling bars then the unit is not charging – recheck the connections.)

3) Place the fmGenie transmitter in door pocket, close and lock the door. The system will automatically switch off when charging has finished.

(If the cupboard door is not locked the amplifier will automatically return to 'on' about 10 seconds after charging is finished.)

Charging time: full charge approx. 10 hours, top up charge approx. 4 hours



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 fmGenie has a transmitting range of several classrooms.

For further information refer to the fmGenie Diversity Installation & setting Up Instructions.

Thank you for your time.

