

Tips for setting up the Sitech Radio Station Kitset

The outside aerial that is supplied with the kitset should be mounted in a clear space away from trees (a roof top is best) and as high as possible. The higher the aerial the better the broadcast signal. An example of a high aerial is 20+mts high. The transmitter should be placed as far from the mixer/microphones as possible. So long as ventilation is not restricted it can be covered in sound deadening material to reduce the noise.

When using the mx.22/3FX mixer the output level should be set so that the output LEDs do not clip into the red. A starting point for the mixer should be observed from the picture showing the position for the knobs. This is a starting position only.

Getting started can be frustrating as the students want to quickly take over. To avoid unnecessary noise being broadcast, set the radio station up using head phones and let students learn the operation and conversation while the transmitter is turned off. Everything else will operate as normal.

A common fault is for your DJ's and announcers to sit too close to the microphone this overloading the system and causing distortion. The correct distance between mouth and microphone is approx 300mm. The Kitset microphones do not need batteries to operate. Make sure the phantom power switch on the rear of the mixer is turned on.

Headphone volume is controlled by the knobs on the multi-can headphone amplifier.