



The Gemini UX series of Wireless Microphones can operate on 16 different frequencies, which are harmonised in Europe. The frequencies between 863.100 MHz and 864.900 MHz do not require a license for use in the UK. This band however is also available for use by other communications equipment and you cannot guarantee that others will not use it at the same time as you. By using the sixteen separate frequencies you can minimise the risk of interference from or to other equipment.

Using the multiple frequencies it may also be possible to use more than one UX system in the same venue or production. It should be noted however that there will be less chance to avoid unwanted interference if several frequencies are used for multiple microphones or pickups. It is possible to connect up to six transmitter/receivers depending on the venue itself and other electronic systems nearby. In the event that multiple microphones are to be used, it is important to test them thoroughly before the event and to take into consideration any potentially busy periods.

**Place the Receivers at least 3 metres (10 feet) away from the mics / transmitters but within range.**

The diagram in the user guide shows the DIP switch configuration for the 16 different frequencies. To obtain maximum channel separation when using multiple units, the following six frequencies are recommended: SWITCH POSITIONS **U**=up, **D**= down

863.125 MHz = DDDD  
863.375 MHz = DDDU  
863.625 MHz = DDUD  
863.875 MHz = UDUU  
864.125 MHz = UUDD  
864.375 MHz = UUDU

The Black portions of the diagram in the user manual relate to the moving White parts of the DIP switch.

It is not recommended to use more than six systems and preferably 4 or less radiomic systems in one location.