



Radio Microphone Frequencies

(Last updated 19/07/23 by CHTJ)

The Theatre holds a site license for the usage of 16 frequencies in channels 41-42. Maximum power of transmitters in this band is 10mW ERP, or 50mW ERP for transmitters which are body worn (i.e. belt packs). The Theatre *does not* hold a license for UHF channel 38 (the UK shared band).

The following plot has been coordinated with other nearby radio frequency users and agreed directly with Ofcom to avoid interference following complaints. Following this frequency plot is a legal requirement of our licence.

These frequencies must not be altered without the prior approval of the Technical Manager.

Receiver №	Frequency (MHz)	In House or Hired?
	Channels 41-42	
1	630.425	ADC
2	631.125	ADC
3	632.450	ADC
4	633.375	ADC
5	634.675	ADC
6	635.200	ADC
7	636.675	ADC
8	637.550	ADC
9	640.175	ADC
10	641.150	ADC
11	641.925	ADC
12	642.450	ADC
13	643.300	ADC
14	644.400	ADC
15	644.950	ADC
16	645.875	ADC

Additional Frequencies

If you are hiring additional microphones and receivers, you may be issued with additional licences for Channels 38, 65, 66 and 70. The following frequencies may be used in these channels.

Equipment is usually tuned to either Channels 38 through 42 or channels 65 and 66, but not both. Make sure to account for this when planning your hire.

The following mics and receivers are not owned by the ADC and would need to be hired in.

Please note the theatre's licence does not cover these frequencies – a licence would need to be provided separately, usually as part of the radio equipment hire.

Receiver №	Frequency (MHz)	In House or Hired?
Channel 38		
17	607.500	Hired
18	608.000	Hired
19	609.500	Hired
20	610.550	Hired
21	611.225	Hired
22	612.200	Hired
23	612.625	Hired
24	613.400	Hired
Channels 65 and 66		
25	823.275	Hired
26	824.225	Hired
27	824.925	Hired
28	825.400	Hired
29	826.375	Hired
30	826.800	Hired
31	829.025	Hired
32	829.675	Hired
33	830.075	Hired
34	830.675	Hired
35	831.475	Hired
36	831.925	Hired
Channel 70		
37	863.125	Hired
38	863.550	Hired
39	864.450	Hired
40	864.950	Hired

If you are unsure if you have the correct license, then speak to the Technical Manager. If you are using your own radio transmitters and receivers but are not using the ADC's, you are of course free to also use any of the house frequencies in Channels 41-42.

Note that wireless radio microphone systems operating in the 2.4GHz or 5GHz bands are not permitted for use at the ADC as they may interfere with the building's wireless networking, which is used for crucial front of house purposes.