



# MRM-70 Non-Interference Frequency Plan

Frequency Band: 863 - 865MHz

**UK Frequency Code: DR70**

## Channel Plan

<b>CH 0</b>	<b>CH 1</b>	<b>CH 2</b>	<b>CH 3</b>	<b>CH 4</b>	<b>CH 5</b>	<b>CH 6</b>	<b>CH 7</b>
863.300	863.900	864.800	863.225	863.725	864.475	863.250	863.750
*	*	*	Group A	Group A	Group A	Group B	Group B
<b>CH 8</b>	<b>CH 9</b>	<b>CH A</b>	<b>CH B</b>	<b>CH C</b>	<b>CH D</b>	<b>CH E</b>	<b>CH F</b>
864.525	863.275	863.775	864.550	863.100	863.525	864.325	864.900
Group B	Group C	Group C	Group C	**	**	**	**

All frequencies within DR70 are deregulated for licence-free use.

Due to the nature of this band we cannot guarantee completely interference-free use in all areas. Care should be taken during setup to ensure the clearest channel is selected.

### Notes:

Channels marked \* are the standard fixed frequencies currently available for MIPRO UK UHF systems  
Channels marked \*\* are random frequencies chosen only to give the user alternative channels to use in cases of interference.

As the deregulated band is so small there are some caveats to operating more than one transmitter/ receiver. It is not possible to run more than 3 systems in this band.

Groups of 3 that will work together are shown above as Group A / B / C

### Caveats to operation when using multiple transmitters :

- **Group A:** Minimum distance between transmitters to achieve 3 units with interference-free operation is 2 metres
- **Group B:** Minimum distance between transmitters to achieve 3 units with interference-free operation is 5 metres
- **Group C:** Minimum distance between transmitters to achieve 3 units with interference-free operation is 2 metres
- **Group A:** If only 2 units are required then use CH3 and CH4 *or* CH3 and CH5 (No minimum distance restriction).
- **Group B:** If only 2 units are required then use CH6 and CH7 *or* CH6 and CH8 (No minimum distance restriction).
- **Group C:** If only 2 units are required then use CH9 and CHA *or* CH9 and CHB (No minimum distance restriction).