



ACT-707S/ ACT-707D/ ACT-707M Non-Interference Frequency List

Frequency Band: 850~865MHz

UK Frequency Code: 8X

Group Channel	1	2	3	4	5	6	7	8	9
1	863.100	851.525	851.775	852.025	851.525	851.725	854.400	854.525	852.000
2	863.525	852.325	852.575	852.825	852.050	852.250	856.000	856.125	862.000
3	864.325	858.650	858.900	859.150	853.025	853.225	857.175	857.300	865.000
4	864.900	863.475	863.725	863.975	853.450	853.650	858.950	859.075	
5	854.900				856.150	856.350	859.425	859.550	
6	855.275				856.675	856.875	860.500	860.625	
7	855.900				857.725	857.925	861.225	861.350	
8	856.175				858.175	858.375	862.275	862.400	
9	856.575				858.950		862.550	862.675	
10	857.625				859.425				
11	857.950				860.500				
12	858.200				861.225				
13	858.650				862.275				
14	860.400				863.100				
15	860.900				864.325				
16	861.200								
									Test

- Interference may occur amongst groups. To achieve interference-free operation, use frequencies in the same group (ex. Group 1 only, Group 2 only, etc.)
- If interference occurs whilst using the same group, use frequencies within another group for ALL receivers.
- 3 channels in Group 9 are for testing purposes only. Do not use these 3 channels simultaneously.
- **In group 1, 1CH~4CH are deregulated frequencies (licence exempt frequencies);** and these four channels can work simultaneously without interference.
- **In group 1, 5CH~16CH are shared frequencies.** Note that as these frequencies were arbitrarily chosen by the licencing body interference-free use *cannot be guaranteed* due to intermodulation issues with these fixed frequencies. This is not a fault of the equipment.
- **15 non-interference operation at the same installation:**
Group 5 only: Ensure that microphones are at least 5 metres away from receivers to achieve best non-interference operation.



ACT-707SE/ ACT-707DE/ MRM-70/MT-90

Frequency List

Frequency Band: 850~865MHz

UK Frequency Code: 8X

ACT-707SE/ ACT-707DE/ MRM-70 Channel Setup

0 CH	1 CH	2 CH	3 CH	4 CH	5 CH	6 CH	7 CH
863.100	863.525	864.325	864.900	854.900	855.275	855.900	856.175
8 CH	9 CH	A CH	B CH	C CH	D CH	E CH	F CH
856.575	857.625	851.075	851.375	852.125	854.500	858.475	863.100

- **0CH~3CH are deregulated frequencies (licence exempt frequencies);** These four channels may not work simultaneously.
- **4CH~9CH are shared frequencies.** Note that as these frequencies were arbitrarily chosen by the licencing body interference-free use *cannot be guaranteed* due to intermodulation issues with these fixed frequencies. This is not a fault of the equipment.
- For 6 non-interference channels use “A CH” to “F CH”. These are individually licenced.

Note that MT90/MT90a Channel number designations are **DIFFERENT** to the above. The frequencies are identical but the channel numbers range from 1-16 instead of 0-F like the receivers. When pairing an MT90 series transmitter up with a receiver laid out as above refer to the chart shown below.

MT-90 Channel Setup

1 CH	2 CH	3 CH	4 CH	5 CH	6 CH	7 CH	8 CH
863.100	863.525	864.325	864.900	854.900	855.275	855.900	856.175
9 CH	10 CH	11 CH	12 CH	13 CH	14 CH	15 CH	16 CH
856.575	857.625	851.075	851.375	852.125	854.500	858.475	863.100



MR-90 Frequency Chart

Frequency Band: 850~865MHz

UK Frequency Code: 8X

Group Channel	0	1	2	3	4	5	6	7	8	9
1	851.525	863.100	851.525	851.775	852.025	851.525	851.725	854.400	854.525	852.000
2	852.050	863.525	852.325	852.575	852.825	852.050	852.250	856.000	856.125	862.000
3	853.025	864.325	858.650	858.900	859.150	853.025	853.225	857.175	857.300	865.000
4	853.450	864.900	863.475	863.725	863.975	853.450	853.650	858.950	859.075	
5	856.150	854.900				856.150	856.350	859.425	859.550	
6	856.675	855.275				856.675	856.875	860.500	860.625	
7	857.725	855.900				857.725	857.925	861.225	861.350	
8	858.175	856.175				858.175	858.375	862.275	862.400	
9	858.950	856.575				858.950		862.550	862.675	
10	859.425	857.625				859.425				
11	860.500	857.950				860.500				
12	861.225	858.200				861.225				
13	862.275	858.650				862.275				
14	863.100	860.400				863.100				
15	864.325	860.900				864.325				
16		861.200								
										Test

- Interference may occur amongst groups. To achieve interference-free operation, use frequencies in the same group (ex. Group 1 only, Group 2 only, etc.)
- If interference occurs whilst using the same group, use frequencies within another group for ALL receivers.
- 3 channels in Group 9 are for testing purposes only. Do not use these 3 channels simultaneously.
- "Group 0" is designed to work with the MT-90 transmitter only (used in the MA-909 mixer system), and does not function with ACT transmitters.
- **In group 1, 1CH~4CH are deregulated frequencies (licence exempt frequencies);** and these four channels can work simultaneously without interference.
- **In group 1, 5CH~16CH are shared frequencies.** Note that as these frequencies were arbitrarily chosen by the licencing body interference-free use *cannot be guaranteed* due to intermodulation issues with these fixed frequencies. This is not a fault of the equipment.
- **15 non-interference operation at the same installation:**
Group 5 only: Ensure that microphones are at least 5 metres away from receivers to achieve best non-interference operation.