

MR-90 ENG Systems

Non-Interference Frequency List

Frequency Code: **ACTB-680B / ACTC-680B**

Frequency Range: **668~692 MHz**

VERSION: 3

GROUP 6C

Group	0	1	2	3	4	5	6	7	8	9
Channel	TV CH	TV CH	TV CH	TV CH	TV CH	TV CH	TV CH	TV CH	TV CH	TV CH
1	669.525	669.275	669.525	669.775	670.025	669.525	669.725	672.400	672.525	672.000
	47	47	47	47	47	47	47	47	47	47
2	670.050	670.075	670.325	670.575	670.825	670.050	670.250	674.000	674.125	680.000
	47	47	47	47	47	47	47	47	47	48/49
3	671.025	676.400	676.650	676.900	677.150	671.025	671.225	675.175	673.300	688.000
	47	48	48	48	48	47	47	48	48	50
4	671.450	681.225	681.475	681.725	681.975	671.450	671.650	676.950	677.075	
	47	49	49	49	49	47	47	48	48	
5	674.150	684.800	685.050	685.300	685.550	674.150	674.350	677.425	677.550	
	48	49	49	49	49	48	48	48	48	
6	674.675	687.125	687.375	687.625	687.875	674.675	674.875	678.500	678.625	
	48	50	50	50	50	48	48	48	48	
7	675.725	688.900	689.150	689.400	689.650	675.725	675.925	679.225	679.350	
	48	50	50	50	50	48	48	48	48	
8	676.175	690.125	690.375	690.625	690.875	676.175	676.375	680.275	680.400	
	48	50	50	50	50	48	48	49	49	
9	683.675					683.675	683.875	680.550	680.675	
	49					49	49	49	49	
10	684.100					684.100	684.300	683.950	684.075	
	49					49	49	49	49	
11	685.275					685.275	685.475	684.925	685.050	
	49					49	49	49	49	
12	685.825					685.825	686.025	685.175	685.300	
	49					49	50	49	49	
13	688.400					688.400	688.600	685.625	685.750	
	50					50	50	49	49	
14	688.925					688.925	689.125	686.900	687.025	
	50					50	50	50	50	
15	690.050					690.050	690.250	688.375	688.500	
	50					50	50	50	50	
16	690.475					690.475	690.675	689.100	689.225	
	50					50	50	50	50	
SPACE 0.2MHz		SPACE 0.25MHz				SPACE 0.2MHz		SPACE 0.125MHz		Test

****** Remarks:**

- Test Frequencies: (Low): 91→(672.000MHz), (Center): 92→(680.000MHz), (High): 93→(688.000MHz)
- Interference might occur among groups. To reach interference-free operation, please use frequencies in the same group (ex. Group 1 only, Group 2 only, etc.)
- If interference occurs while using same group, please use another group for ALL receivers.
- Group 9 is for testing purposes. Please do not use the 3 channels simultaneously.

8 channel non-interference operation:

Each group has 8 non-interference channels from Group 2 to Group 4. When microphones are at least **3 meters** away from receivers, non-interference operation can be achieved.

16 channel non-interference operation:

Each group has 16 non-interference channels from Group 5 to Group 8. When microphones are at least **5 meters** away from receivers, non-interference operation can be achieved.

32 channel non-interference operation:

Group 7 or **Group 8** of different bands (same color in **BLUE** or **RED**) can be combined as 32 non-interference channels. When microphones are at least **8 meters** away from receivers, non-interference operation can be achieved.