

# Shure UHF-R Compatibility Guide

## Frequency Band R9 (790-865 MHz)



Channel	Ch. 69 Shared OPTION 1	Ch. 69 Shared OPTION 2
	854-862 MHz	854-862 MHz
	<b>Group 39</b>	<b>Group 40</b>
1	854.900	855.275
2	855.900	855.900
3	856.575	857.950
4	857.950	858.650
5	858.650	860.400
6	860.400	860.900
7	861.200	861.750
8	861.750	

Channel	TV ch. 67	TV ch. 68	TV ch. 69 & EU harmonised
	838-846 MHz	846-854 MHz	854-862 & 863-865 MHz
	<b>Group 31</b>	<b>Group 32</b>	<b>Group 33</b>
1	838.100	846.100	854.225
2	838.925	846.925	855.525
3	839.525	847.525	855.925
4	840.575	848.575	856.550
5	841.900	849.900	857.950
6	843.650	851.650	859.550
7	844.050	852.050	860.725
8	845.200	853.200	861.450
9	845.900	853.900	864.050
10	842.600	850.600	864.550
11			854.750

Channel	TV ch. 67-69 & EU harmonised	TV ch. 69 Coordinated INDOORS	TV ch. 69 Coordinated OUTDOORS
	838-862 & 863-865 MHz	854-862 MHz	854-862 MHz
	<b>Group 34</b>	<b>Group 37</b>	<b>Group 38</b>
1	838.650	854.500	854.375
2	840.225	855.000	854.850
3	841.325	855.900	855.725
4	843.700	856.600	856.400
5	845.000	857.100	856.850
6	850.675	857.850	857.625
7	852.675	858.900	858.625
8	853.250	859.500	859.950
9	855.150	860.475	860.650
10	856.050	860.925	861.075
11	859.225	861.700	861.900
12	860.625		
13	863.600		
14	864.400		
15	864.800		
16	838.250		
17	839.625		
18	843.275		
19	847.500		
20	854.475		
21	857.325		

Channel	TV ch. 61-63, 67-69 & EU harmonised	TV ch. 61-63, 69 & EU harmonised	TV ch. 61	TV ch. 62	TV ch. 61-63
	790-814, 838-862 & 863-865 MHz	790-814, 854-862 & 863-865 MHz	790-798 MHz	798-806 MHz	790-814 MHz
	<b>Group 5</b>	<b>Group 6</b>	<b>Group 21</b>	<b>Group 22</b>	<b>Group 25</b>
1	790.175	790.525	790.100	798.100	790.150
2	793.025	791.775	790.925	798.925	791.200
3	793.425	792.400	791.525	799.525	794.200
4	798.225	793.550	792.575	800.575	795.375
5	799.100	796.150	793.900	801.900	796.875
6	799.600	797.100	795.650	803.650	797.825
7	800.675	803.025	796.050	804.050	801.650
8	801.325	804.500	797.200	805.200	803.350
9	805.975	805.000	797.900	805.900	806.125
10	809.900	807.225	794.600	802.600	808.675
11	810.875	810.525			809.425
12	813.450	812.100			811.550
13	838.175	813.450			812.950
14	838.975	854.325			813.350
15	840.125	854.975			790.775
16	841.875	855.900			794.900
17	843.225	857.700			805.275
18	847.975	858.850			806.750
19	850.975	860.750			807.600
20	851.475	863.175			810.375
21	853.125	864.000			
22	855.625	864.475			
23	857.475	792.825			
24	861.475	795.750			
25	863.775	805.750			
26	864.175	806.300			
27	864.825	807.875			
28	790.800	810.975			
29	794.350	811.700			
30	794.775	857.225			
31	804.225	861.300			
32	805.400				
33	806.800				
34	808.600				
35	811.475				
36	840.800				
37	843.850				
38	844.275				
39	849.325				
40	860.725				

Channel	TV ch. 69 Coordinated SET 1	TV ch. 69 Coordinated SET 2	EU harmonised ("Ch. 70")
	854-862 MHz	854-862 MHz	863-865 MHz
	<b>Group 35</b>	<b>Group 36</b>	<b>Group 41</b>
1	855.675	856.500	863.125
2	856.375	857.500	863.525
3	856.800	858.250	864.175
4	857.425	858.700	864.625
5	860.600	859.525	

- Shared licence frequencies (until 2012)
- Q5 crossover frequencies (790-814 MHz)
- EU harmonised frequencies