

Shure SC Wireless (176.200-210.600 MHz)

Frequency Compatibility Chart

Shure SC Wireless Systems in the United States are available in 20 base frequencies between 176.200 MHz and 210.600 MHz, plus 2 traveling frequency sets (see Traveling Frequencies below). Up to 12 Shure SC Systems can be operated simultaneously in a single location. SC Wireless Systems between 176.200 and 210.600 MHz are tunable to eight different frequencies representing a range of 1.4 MHz. These frequencies are separated 200 kHz from each other, and are centered around a "base frequency". Base frequencies within a given broadcast TV channel are compatible. Contact Shure Incorporated if you need additional information or assistance in frequency selection and setup.

If TV Channels 8, 10 or 12 are present/occupied, use the following base frequency codes. (All are compatible)											
SC Wireless Base Code/Frequency			This base frequency is in US TV Channel:	Switch Position 0	Switch Position 1	Switch Position 2	Switch Position 3	Switch Position 4 "BASE"	Switch Position 5	Switch Position 6	Switch Position 7
CA	176.200	MHz	TV 7	175.400	175.600	175.800	176.000	176.200	176.400	176.600	176.800
CC	177.600	MHz	TV 7	176.800	177.000	177.200	177.400	177.600	177.800	178.000	178.200
CG	186.200	MHz	TV 9	185.400	185.600	185.800	186.000	186.200	186.400	186.600	186.800
CH	186.600	MHz	TV 9	185.800	186.000	186.200	186.400	186.600	186.800	187.000	187.200
CJ	189.000	MHz	TV 9	188.200	188.400	188.600	188.800	189.000	189.200	189.400	189.600
CK	190.600	MHz	TV 9	189.800	190.000	190.200	190.400	190.600	190.800	191.000	191.200
CQ	202.200	MHz	TV 11	201.400	201.600	201.800	202.000	202.200	202.400	202.600	202.800
CR	203.000	MHz	TV 11	202.200	202.400	202.600	202.800	203.000	203.200	203.400	203.600
CS	200.300	MHz	TV 11	199.500	199.700	199.900	200.100	200.300	200.500	200.700	200.900
CW	210.600	MHz	TV 13	209.800	210.000	210.200	210.400	210.600	210.800	211.000	211.200

If TV Channels 7, 9, 11, or 13 are present/occupied, use the following base frequency codes. (All are compatible)											
SC Wireless Base Code/Frequency			This base frequency is in US TV Channel:	Switch Position 0	Switch Position 1	Switch Position 2	Switch Position 3	Switch Position 4 "BASE"	Switch Position 5	Switch Position 6	Switch Position 7
CD	180.400	MHz	TV 8	179.600	179.800	180.000	180.200	180.400	180.600	180.800	181.000
CE	182.200	MHz	TV 8	181.400	181.600	181.800	182.000	182.200	182.400	182.600	182.800
CF	183.600	MHz	TV 8	182.800	183.000	183.200	183.400	183.600	183.800	184.000	184.200
CL	192.200	MHz	TV 10	191.400	191.600	191.800	192.000	192.200	192.400	192.600	192.800
CM	192.600	MHz	TV 10	191.800	192.000	192.200	192.400	192.600	192.800	193.000	193.200
CN	195.000	MHz	TV 10	194.200	194.400	194.600	194.800	195.000	195.200	195.400	195.600
CP	196.600	MHz	TV 10	195.800	196.000	196.200	196.400	196.600	196.800	197.000	197.200
CT	206.000	MHz	TV 12	205.200	205.400	205.600	205.800	206.000	206.200	206.400	206.600
CU	209.000	MHz	TV 12	208.200	208.400	208.600	208.800	209.000	209.200	209.400	209.600
CV	208.200	MHz	TV 12	207.400	207.600	207.800	208.000	208.200	208.400	208.600	208.800

SC Wireless Traveling Frequencies (169.445-171.905 MHz)

SC Wireless Traveling frequencies (TA or TB) can be used when SC systems are required to operate in a variety locations. These frequencies are not within the broadcast TV spectrum. Any 2 out of the 4 frequencies within a given Traveling Group are compatible. A maximum of 3 out of the 4 frequencies within a given Traveling Group are compatible. The compatible frequencies for a given group are listed below each chart. Neither Traveling Group allows all four of the frequencies in the group to be used together. Note: To add 2 more compatible systems to either of the above sets of compatible frequencies, use two 2 systems on Traveling Group TA , and tune them to 169.445 MHz & 171.845 MHz, respectively, via the appropriate switch position. To mix and match traveling frequencies between the two Traveling Groups, Contact Shure's Customer Service Department.

SC Wireless Traveling Group TA	Switch Position 0 or 1	Switch Position 2 or 3	Switch Position 4 or 5	Switch Position 6 or 7
	169.445 MHz	170.245 MHz	171.045 MHz	171.845 MHz
<p>Note: A maximum of 3 Traveling Group TA systems can be used simultaneously. The following frequency combinations from Traveling Group TA will work together:</p> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">169.445 MHz, 170.245 MHz & 171.845 MHz</div> <p style="text-align: center;">OR</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">169.445 MHz, 171.045 MHz & 171.845 MHz</div>				

SC Wireless Traveling Group TB	Switch Position 0 or 1	Switch Position 2 or 3	Switch Position 4 or 5	Switch Position 6 or 7
	169.505 MHz	170.305 MHz	171.105 MHz	171.905 MHz
<p>Note: A maximum of 3 Traveling Group TB systems can be used simultaneously. The following frequency combinations from Traveling Group TB will work together:</p> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">169.505 MHz, 171.105 MHz & 171.905 MHz</div> <p style="text-align: center;">OR</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">169.505 MHz, 170.305 MHz & 171.905 MHz</div>				