

DMX Values
16Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer fine	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Red fine	000 ⇔ 255	0–100%
5	Green	000 ⇔ 255	0–100%
6	Green fine	000 ⇔ 255	0–100%
7	Blue	000 ⇔ 255	0–100%
8	Blue fine	000 ⇔ 255	0–100%
9	Amber	000 ⇔ 255	0–100%
10	Amber fine	000 ⇔ 255	0–100%
11	Lime	000 ⇔ 255	0–100%
12	Lime	000 ⇔ 255	0–100%
13	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
14	Virtual color wheel	000 ⇔ 255	Refer to the Virtual Color Wheel Chart
15	Color temperature	000 ⇔ 255	Refer to the Color Temperature Chart
16	Red shift	000 ⇔ 010 011 ⇔ 127 128 ⇔ 255	No function On Off

14Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer fine	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Red fine	000 ⇔ 255	0–100%
5	Green	000 ⇔ 255	0–100%
6	Green fine	000 ⇔ 255	0–100%
7	Blue	000 ⇔ 255	0–100%
8	Blue fine	000 ⇔ 255	0–100%
9	Amber	000 ⇔ 255	0–100%
10	Amber fine	000 ⇔ 255	0–100%
11	Lime	000 ⇔ 255	0–100%
12	Lime	000 ⇔ 255	0–100%
13	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
14	Red shift	000 ⇔ 010 011 ⇔ 127 128 ⇔ 255	No function On Off

13Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Red	000 ⇄ 255	0–100%
3	Green	000 ⇄ 255	0–100%
4	Blue	000 ⇄ 255	0–100%
5	Amber	000 ⇄ 255	0–100%
6	Lime	000 ⇄ 255	0–100%
7	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
8	Virtual color wheel	000 ⇄ 255	Refer to the Virtual Color Wheel Chart
9	Color temperature	000 ⇄ 255	Refer to the Color Temperature Chart
10	Auto programs	000 ⇄ 010	No function
		011 ⇄ 060	Auto program 1
		061 ⇄ 110	Auto program 2
		111 ⇄ 160	Auto program 3
		161 ⇄ 210	Auto program 4
211 ⇄ 255	Auto program 5		
11	Auto speed	000 ⇄ 255	0–100%
12	Dimmer speed mode (Hold for 3 seconds, then release: Overrides and changes menu selection)	000 ⇄ 051	Current dimmer speed mode
		052 ⇄ 101	Linear dimmer
		102 ⇄ 152	Nonlinear dimming curve 1 (fastest)
		153 ⇄ 203	Nonlinear dimming curve 2
		204 ⇄ 255	Nonlinear dimming curve 3
13	Red shift	000 ⇄ 010	No function
		011 ⇄ 127	On
		128 ⇄ 255	Off

11Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Dimmer fine	000 ⇄ 255	0–100%
3	Red	000 ⇄ 255	0–100%
4	Green	000 ⇄ 255	0–100%
5	Blue	000 ⇄ 255	0–100%
6	Amber	000 ⇄ 255	0–100%
7	Lime	000 ⇄ 255	0–100%
8	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
9	Virtual color wheel	000 ⇄ 255	Refer to the Virtual Color Wheel Chart
10	Color temperature	000 ⇄ 255	Refer to the Color Temperature Chart
11	Red shift	000 ⇄ 010	No function
		011 ⇄ 127	On
		128 ⇄ 255	Off

8Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red	000 ⇔ 255	0–100%
3	Green	000 ⇔ 255	0–100%
4	Blue	000 ⇔ 255	0–100%
5	Amber	000 ⇔ 255	0–100%
6	Lime	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
8	Red shift	000 ⇔ 010 011 ⇔ 127 128 ⇔ 255	No function On Off

5Ch

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0–100%
2	Green	000 ⇔ 255	0–100%
3	Blue	000 ⇔ 255	0–100%
4	Amber	000 ⇔ 255	0–100%
5	Lime	000 ⇔ 255	0–100%

4Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Virtual color wheel	000 ⇔ 255	Refer to the Virtual Color Wheel Chart
3	Color temperature	000 ⇔ 255	Refer to the Color Temperature Chart
4	Red shift	000 ⇔ 010 011 ⇔ 127 128 ⇔ 255	No function On Off

2Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (color set through menu)
2	Red shift	000 ⇔ 010 011 ⇔ 127 128 ⇔ 255	No function On Off

HSV

Channel	Function	Value	Percent/Setting
1	Hue	000 ⇔ 255	0–100%
2	Saturation	000 ⇔ 255	0–100%
3	Value	000 ⇔ 255	0–100%

Virtual Color Wheel

The Ovation F-55FC includes a feature called the Virtual Color Wheel (VCW). This feature is available as a standalone control mode for manual use and also as a control channel in select DMX personalities. More than 30 premixed colors, custom blended by our engineers, are available to call up for easier programming. The DMX values used to mix these colors are provided below. You may adjust the overall intensity of the Ovation fixture in order to more closely replicate colors you are familiar with. A chart is available on our website www.chauvetprofessional.com to compare our premixed colors with popular gel colors. This chart is for comparison purposes only and is not a representation that our premixed colors match any of the gel colors listed.

Virtual Color Wheel Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇄ 005	--	000	000	000	000	000
006 ⇄ 013	C3050 - Md Yellow	233	163	020	123	255
014 ⇄ 021	C3040 - Lt Yellow	224	158	047	255	231
022 ⇄ 028	C3240 - Amb Yellow	180	060	000	245	255
029 ⇄ 035	C2340 - VLt Amber	245	107	081	255	213
036 ⇄ 043	C2040 - Lt Amber	230	130	062	255	155
044 ⇄ 051	C2050 - Md Amber	255	000	025	255	194
052 ⇄ 059	C2060 - Dk Amber	255	000	024	255	150
060 ⇄ 067	C1050 - Lt Red	255	037	027	030	038
068 ⇄ 075	C1080 - Md Red	255	004	017	000	000
076 ⇄ 083	C1020 - NC Pink	238	135	129	255	255
084 ⇄ 091	C1030 - Md Pink	255	131	120	255	195
092 ⇄ 099	C1630 - Dk Pink	255	165	123	255	210
100 ⇄ 107	C1250 - Md Red Amber	255	000	041	195	055
108 ⇄ 115	C1060 - Dk Red Amber	255	000	045	120	030
116 ⇄ 121	C1650 - Magenta	255	050	115	255	115
122 ⇄ 130	C6170 - Dk Magenta	255	035	117	000	000
131 ⇄ 138	C6020 - Lt Lavender	127	122	142	251	255
139 ⇄ 146	C5030 - Lt Blue	000	255	197	100	255
147 ⇄ 154	C5020 - VLt Blue	158	255	189	000	255
155 ⇄ 162	C5430 - Lt Blue 2	000	255	180	000	243
163 ⇄ 170	C5070 - Blue	043	255	210	043	036
171 ⇄ 178	C5050 - Md Blue	000	255	218	000	181
179 ⇄ 186	C5060 - Dk Blue	000	210	206	000	118
187 ⇄ 194	C5690 - Indigo	065	000	210	040	055
195 ⇄ 202	C5080 - VDk Blue	000	203	230	000	040
203 ⇄ 210	C5081 - VDk Blue 2	040	199	240	000	045
211 ⇄ 218	C4370 - Yel Green	027	255	028	016	104
219 ⇄ 226	C4070 - Green	049	255	055	120	090
227 ⇄ 234	C4550 - Turquoise	060	230	109	000	245
235 ⇄ 242	C4560 - Aqua	020	240	126	036	255
243 ⇄ 250	C4570 - Blue Green	000	255	079	030	053
251 ⇄ 255	--	000	000	000	000	000



The colors above are simulated renditions of the color output produced as compared to other similar incandescent products. Chauvet makes no guarantee of the color output accuracy.

Color Temperature Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇄ 005	--	000	000	000	000	000
006 ⇄ 025	2800K	195	177	154	255	255
026 ⇄ 050	3000K	191	186	161	255	255
051 ⇄ 075	3200K	186	195	169	255	255
076 ⇄ 100	3500K	181	205	179	255	255
101 ⇄ 125	4000K	175	221	192	255	255
126 ⇄ 150	4500K	169	231	204	255	255
151 ⇄ 175	5000K	163	239	213	255	255
176 ⇄ 200	5600K	157	247	223	255	255
201 ⇄ 225	6000K	154	251	230	255	255
226 ⇄ 250	6500K	153	255	238	255	255
251 ⇄ 255	--	000	000	000	000	000



The color temperatures above are simulated renditions of the color output produced compared with a tungsten lamp at the specified color temperature. Chauvet makes no guarantee of the color output accuracy.