

DMX Values

18Ch

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	Orange	000 ⇔ 255	0–100%
6	Orange fine	000 ⇔ 255	0–100%
7	Green	000 ⇔ 255	0–100%
8	Green fine	000 ⇔ 255	0–100%
9	Royal blue	000 ⇔ 255	0–100%
10	Royal blue fine	000 ⇔ 255	0–100%
11	Blue	000 ⇔ 255	0–100%
12	Blue fine	000 ⇔ 255	0–100%
13	Lime	000 ⇔ 255	0–100%
14	Lime fine	000 ⇔ 255	0–100%
15	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
16	Color temperature	000 ⇔ 255	Refer to Color Temperature DMX Chart
17	Hue	000 ⇔ 255	-25–25
18	Control (hold for 3 seconds, then release)	000 ⇔ 007	No function
		008 ⇔ 015	Red shift: On
		016 ⇔ 023	Red shift: Off
		024 ⇔ 031	Dimmer reset
		032 ⇔ 039	Dimmer: S-Curve
		040 ⇔ 047	Dimmer: Linear
		048 ⇔ 055	Dimmer: Square
		056 ⇔ 063	Dimmer: Inverted square
		064 ⇔ 071	Dimmer speed mode off
		072 ⇔ 079	Dimmer speed mode 1
		080 ⇔ 087	Dimmer speed mode 2
		088 ⇔ 095	Dimmer speed mode 3
		096 ⇔ 103	Fan auto
		104 ⇔ 111	Fan on
		112 ⇔ 119	Fan off
120 ⇔ 127	Fan silent		
128 ⇔ 255	No function (reserved)		

15Ch

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	Orange	000 ⇄ 255	0–100%
6	Orange fine	000 ⇄ 255	0–100%
7	Green	000 ⇄ 255	0–100%
8	Green fine	000 ⇄ 255	0–100%
9	Royal blue	000 ⇄ 255	0–100%
10	Royal blue fine	000 ⇄ 255	0–100%
11	Blue	000 ⇄ 255	0–100%
12	Blue fine	000 ⇄ 255	0–100%
13	Lime	000 ⇄ 255	0–100%
14	Lime fine	000 ⇄ 255	0–100%
15	Strobe	000 ⇄ 010	No function
		011 ⇄ 255	Strobe, slow to fast

11Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Red	000 ⇄ 255	0–100%
3	Orange	000 ⇄ 255	0–100%
4	Green	000 ⇄ 255	0–100%
5	Royal blue	000 ⇄ 255	0–100%
6	Blue	000 ⇄ 255	0–100%
7	Lime	000 ⇄ 255	0–100%
8	Strobe	000 ⇄ 010	No function
		011 ⇄ 255	Strobe, slow to fast
9	Color temperature	000 ⇄ 255	Refer to Color Temperature DMX Chart
10	Hue	000 ⇄ 255	-25–25
11	Control (hold for 3 seconds, then release)	000 ⇄ 007	No function
		008 ⇄ 015	Red shift: On
		016 ⇄ 023	Red shift: Off
		024 ⇄ 031	Dimmer reset
		032 ⇄ 039	Dimmer: S-Curve
		040 ⇄ 047	Dimmer: Linear
		048 ⇄ 055	Dimmer: Square
		056 ⇄ 063	Dimmer: Inverted square
		064 ⇄ 071	Dimmer speed mode off
		072 ⇄ 079	Dimmer speed mode 1
		080 ⇄ 087	Dimmer speed mode 2
		088 ⇄ 095	Dimmer speed mode 3
		096 ⇄ 103	Fan auto
		104 ⇄ 111	Fan on
		112 ⇄ 119	Fan off
		120 ⇄ 127	Fan silent
128 ⇄ 255	No function (reserved)		

8Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red	000 ⇔ 255	0–100%
3	Orange	000 ⇔ 255	0–100%
4	Green	000 ⇔ 255	0–100%
5	Royal blue	000 ⇔ 255	0–100%
6	Blue	000 ⇔ 255	0–100%
7	Lime	000 ⇔ 255	0–100%
8	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast

6Ch

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

5Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer fine	000 ⇔ 255	0–100%
3	Color temperature	000 ⇔ 255	Refer to Color Temperature DMX Chart
4	Hue	000 ⇔ 255	-25–25
5	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast

4Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Color temperature	000 ⇔ 255	Refer to Color Temperature DMX Chart
3	Hue	000 ⇔ 255	-25–25

1Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100% (color set through menu)

Color Temperature

Color Temperature DMX Chart

DMX Channel Value	Color Temperature	DMX Channel Value	Color Temperature	DMX Channel Value	Color Temperature
000 ⇄ 005	No function/2800K	084 ⇄ 090	3900–4000K	168 ⇄ 174	5100–5200K
006 ⇄ 013	2800–2900K	091 ⇄ 097	4000–4100K	175 ⇄ 181	5200–5300K
014 ⇄ 020	2900–3000K	098 ⇄ 104	4100–4200K	182 ⇄ 188	5300–5400K
021 ⇄ 027	3000–3100K	105 ⇄ 111	4200–4300K	189 ⇄ 195	5400–5500K
028 ⇄ 034	3100–3200K	112 ⇄ 118	4300–4400K	196 ⇄ 202	5500–5600K
035 ⇄ 041	3200–3300K	119 ⇄ 125	4400–4500K	203 ⇄ 209	5600–5700K
042 ⇄ 048	3300–3400K	126 ⇄ 132	4500–4600K	210 ⇄ 216	5700–6000K
049 ⇄ 055	3400–3500K	133 ⇄ 139	4600–4700K	217 ⇄ 223	6000–6500K
056 ⇄ 062	3500–3600K	140 ⇄ 146	4700–4800K	224 ⇄ 230	6500–7000K
063 ⇄ 069	3600–3700K	147 ⇄ 153	4800–4900K	231 ⇄ 237	7000–7500K
070 ⇄ 076	3700–3800K	154 ⇄ 160	4900–5000K	238 ⇄ 244	7500–8000K
077 ⇄ 083	3800–3900K	161 ⇄ 167	5000–5100K	245 ⇄ 255	8000K

Color Temperature Values Chart

Display Readout	Red Value	Orange Value	Green Value	Royal Blue Value	Blue Value	Lime Value
2800K	193	181	015	032	023	255
2900K	184	172	024	036	025	255
3000K	176	161	027	037	028	255
3100K	167	156	030	042	034	255
3200K	162	146	034	046	035	255
3300K	157	140	039	048	040	255
3400K	153	132	042	050	044	255
3500K	149	128	046	053	047	255
3600K	144	122	050	055	050	255
3700K	140	118	053	057	054	255
3800K	135	115	054	059	057	255
3900K	132	111	056	063	062	255
4000K	128	107	059	066	065	255
4100K	125	105	062	068	067	255
4200K	123	103	067	070	071	255
4300K	120	101	071	072	074	255
4400K	118	099	074	074	078	255
4500K	116	097	079	077	080	255
4600K	114	094	083	078	083	255
4700K	112	092	087	080	085	255
4800K	107	090	089	082	087	255
4900K	105	088	092	085	089	255
5000K	103	086	095	087	092	255
5100K	101	084	099	088	094	255
5200K	100	082	101	091	096	255
5300K	099	079	104	095	097	255
5400K	098	077	106	098	099	255
5500K	097	079	108	102	102	255
5600K	096	077	109	104	104	255
5700K	095	076	110	106	106	255
6000K	089	072	115	111	113	255
6500K	081	066	120	121	120	255
7000K	077	059	124	128	129	255
7500K	073	054	127	136	136	255
8000K	068	050	135	144	142	255



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.