

DMX Channel Assignments and Values

50CH	Channel	Function	Value	Percent/Setting
	1	Red 1	000 255	0-100%
	2	Green 1	000 255	0-100%
	3	Blue 1	000 255	0-100%
	4	Red 2	000 255	0-100%
	5	Green 2	000 255	0-100%
	6	Blue 2	000 255	0-100%
	7	Red 3	000 255	0-100%
	8	Green 3	000 255	0-100%
	9	Blue 3	000 255	0-100%
	10	Red 4	000 255	0-100%
	11	Green 4	000 255	0-100%
	12	Blue 4	000 255	0-100%
	13	Red 5	000 255	0-100%
	14	Green 5	000 255	0-100%
	15	Blue 5	000 255	0-100%
	16	Red 6	000 255	0-100%
	17	Green 6	000 255	0-100%
	18	Blue 6	000 255	0-100%
	19	Red 7	000 255	0-100%
	20	Green 7	000 255	0-100%
	21	Blue 7	000 255	0-100%
	22	Red 8	000 255	0-100%
	23	Green 8	000 255	0-100%
	24	Blue 8	000 255	0-100%
	25	Red 9	000 255	0-100%
	26	Green 9	000 255	0-100%
	27	Blue 9	000 255	0-100%
	28	Red 10	000 255	0-100%
	29	Green 10	000 255	0-100%
	30	Blue 10	000 255	0-100%
	31	Red 11	000 255	0-100%
	32	Green 11	000 255	0-100%
	33	Blue 11	000 255	0-100%
	34	Red 12	000 255	0-100%
	35	Green 12	000 255	0-100%
	36	Blue 12	000 255	0-100%
	37	Red 13	000 255	0-100%
	38	Green 13	000 255	0-100%
	39	Blue 13	000 255	0-100%

50CH (cont.)	Channel	Function	Value	Percent/Setting
	40	Red 14	000 255	0–100%
	41	Green 14	000 255	0–100%
	42	Blue 14	000 255	0–100%
	43	Red 15	000 255	0–100%
	44	Green 15	000 255	0–100%
	45	Blue 15	000 255	0–100%
	46	Red 16	000 255	0–100%
	47	Green 16	000 255	0–100%
	48	Blue 16	000 255	0–100%
	49	Strobe	000 010	No function
			011 255	Strobe, slow to fast
	50	Dimmer	000 031	No function

48CH	Channel	Function	Value	Percent/Setting
	1	Red 1	000 255	0–100%
	2	Green 1	000 255	0–100%
	3	Blue 1	000 255	0–100%
	4	Red 2	000 255	0–100%
	5	Green 2	000 255	0–100%
	6	Blue 2	000 255	0–100%
	7	Red 3	000 255	0–100%
	8	Green 3	000 255	0–100%
	9	Blue 3	000 255	0–100%
	10	Red 4	000 255	0–100%
	11	Green 4	000 255	0–100%
	12	Blue 4	000 255	0–100%
	13	Red 5	000 255	0–100%
	14	Green 5	000 255	0–100%
	15	Blue 5	000 255	0–100%
	16	Red 6	000 255	0–100%
	17	Green 6	000 255	0–100%
	18	Blue 6	000 255	0–100%
	19	Red 7	000 255	0–100%
	20	Green 7	000 255	0–100%
	21	Blue 7	000 255	0–100%
	22	Red 8	000 255	0–100%
	23	Green 8	000 255	0–100%
	24	Blue 8	000 255	0–100%
	25	Red 9	000 255	0–100%
	26	Green 9	000 255	0–100%
	27	Blue 9	000 255	0–100%

48CH (cont.)	Channel	Function	Value		Percent/Setting
	28	Red 10	000	255	0-100%
	29	Green 10	000	255	0-100%
	30	Blue 10	000	255	0-100%
	31	Red 11	000	255	0-100%
	32	Green 11	000	255	0-100%
	33	Blue 11	000	255	0-100%
	34	Red 12	000	255	0-100%
	35	Green 12	000	255	0-100%
	36	Blue 12	000	255	0-100%
	37	Red 13	000	255	0-100%
	38	Green 13	000	255	0-100%
	39	Blue 13	000	255	0-100%
	40	Red 14	000	255	0-100%
	41	Green 14	000	255	0-100%
	42	Blue 14	000	255	0-100%
	43	Red 15	000	255	0-100%
	44	Green 15	000	255	0-100%
	45	Blue 15	000	255	0-100%
	46	Red 16	000	255	0-100%
	47	Green 16	000	255	0-100%
	48	Blue 16	000	255	0-100%

8-CH

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	Color Macros	000 010	No function
		011 030	R: 100% G: 0–100% B: 0%
		031 050	R: 100–0% G: 100% B: 0%
		051 070	R: 0% G: 100% B: 0–100%
		071 090	R: 0% G: 100–0% B: 100%
		091 110	R: 0–100% G: 0% B: 100%
		111 130	R: 100% G: 0% B: 100–0%
		131 150	R: 100% G: 0–100% B: 0–100%
		151 170	R: 100–0% G: 100–0% B: 100%
		171 200	R: 100% G: 100% B: 100%
		201 205	Color 1
		206 210	Color 2
		211 215	Color 3
		216 220	Color 4
		221 225	Color 5
		226 230	Color 6
		231 235	Color 7
236 240	Color 8		
241 245	Color 9		
246 250	Color 10		
251 255	Color 11		
6	Strobe	000 010	No function
		011 255	Strobe, slow to fast

8-CH (cont.)	Channel	Function	Value	Percent/Setting
7	Auto Programs		000 010	No function
			011 018	Auto program 1
			019 026	Auto program 2
			027 034	Auto program 3
			035 042	Auto program 4
			043 050	Auto program 5
			051 058	Auto program 6
			059 066	Auto program 7
			067 074	Auto program 8
			075 082	Auto program 9
			083 090	Auto program 10
			091 098	Auto program 11
			099 106	Auto program 12
			107 114	Auto program 13
			115 122	Auto program 14
			123 130	Auto program 15
			131 138	Auto program 16
			139 146	Auto program 17
			147 154	Auto program 18
			155 162	Auto program 19
			163 170	Auto program 20
			171 178	Auto program 21
			179 186	Auto program 22
			187 194	Auto program 23
			195 202	Auto program 24
			203 210	Auto program 25
			211 218	Auto program 26
			219 226	Auto program 27
	227 234	Auto program 28 (cycle auto programs 1–21)		
	235 255	Sound-Active program		
8	Auto Speed (When Ch. 7 is 011–234)		000 255	Auto speed, slow to fast
		Sound Sensitivity (When Ch. 7 is 235–255)	000 010	Sound sensitivity off
			011 255	Sound sensitivity, low to high

3-CH	Channel	Function	Value	Percent/Setting
	1	Red	000 255	0–100%
	2	Green	000 255	0–100%
	3	Blue	000 255	0–100%