

DMX CHART



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DMX Values

STD.Y	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇔ 255	0-100%
	2	Fine Dimmer	000 ⇔ 255	Fine control (16-bit) (Step Duration if Custom 1–10 in CH. 13 is active)
	3	Red	000 ⇔ 255	0–100% (Fade Duration if Custom 1–10 in CH. 13 is active)
	4	Fine Red	000 ⇔ 255	Fine control (16-bit)
	5	Green	000 ⇔ 255	0-100%
	6	Fine Green	000 ⇔ 255	Fine control (16-bit)
	7	Blue	000 ⇔ 255	0-100%
	8	Fine Blue	000 ⇔ 255	Fine control (16-bit)
	9	White	000 ⇔ 255	0-100%
	10	Fine White	000 ⇔ 255	Fine control (16-bit)
	11	Color Macro + White Balance	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 ⇔ 195	RGBW: 100%
			196 ⇔ 200	White 1
			201 ⇔ 205	White 2
			206 ⇔ 210	White 3
			211 ⇔ 215	White 4
			216 ⇔ 220	White 5
			221 ⇔ 225	White 6
	226 ⇔ 230	White 7		
	231 ⇔ 235	White 8		
	236 ⇔ 240	White 9		
	241 ⇔ 245	White 10		
	246 ⇔ 250	White 11		
	251 ⇔ 255	White 12		
	12	Strobe	000 ⇔ 009	No function
			010 ⇔ 099	Slow to fast
			100 ⇔ 109	No function
			110 ⇔ 179	Lighting effect, slow to fast
			180 ⇔ 189	No function
			190 ⇔ 255	Random
	13	Programs	000 ⇔ 040	No function
			041 ⇔ 050	Auto 1
			051 ⇔ 060	Auto 2
			061 ⇔ 070	Auto 3
			071 ⇔ 080	Auto 4
			081 ⇔ 090	Auto 5
			091 ⇔ 100	Auto 6
			101 ⇔ 110	Auto 7
			111 ⇔ 120	Auto 8
			121 ⇔ 130	Auto 9
			131 ⇔ 140	Auto 10
			141 ⇔ 150	Custom 1
			151 ⇔ 160	Custom 2
			161 ⇔ 170	Custom 3
			171 ⇔ 180	Custom 4
	181 ⇔ 190	Custom 5		
	191 ⇔ 200	Custom 6		
	201 ⇔ 210	Custom 7		
	211 ⇔ 220	Custom 8		
	221 ⇔ 230	Custom 9		
	231 ⇔ 255	Custom 10		
	14	Auto Speed	000 ⇔ 255	0-100%

STD.Y	Channel	Function	Value	Percent/Setting
	15	Zoom	000 ⇄ 255	0-100%
	16	Zoom Control	000 ⇄ 200	No function
			201 ⇄ 220	Zoom reset
221 ⇄ 255			No function	
17	Dimmer Speed	000 ⇄ 009	Preset dimmer speed from display menu	
		010 ⇄ 029	Linear dimmer	
		030 ⇄ 069	Nonlinear dimming curve 1 (fastest)	
		070 ⇄ 129	Nonlinear dimming curve 2	
		130 ⇄ 189	Nonlinear dimming curve 3	
		190 ⇄ 255	Nonlinear dimming curve 4 (slowest)	
TR16	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0-100%
	2	Fine Dimmer	000 ⇄ 255	Fine control (16-bit) (Step Duration if Custom 1–10 in CH. 13 is active)
	3	Red	000 ⇄ 255	0–100% (Fade Duration if Custom 1–10 in CH. 13 is active)
	4	Fine Red	000 ⇄ 255	Fine control (16-bit)
	5	Green	000 ⇄ 255	0-100%
	6	Fine Green	000 ⇄ 255	Fine control (16-bit)
	7	Blue	000 ⇄ 255	0-100%
	8	Fine Blue	000 ⇄ 255	Fine control (16-bit)
	9	White	000 ⇄ 255	0-100%
	10	Fine White	000 ⇄ 255	Fine control (16-bit)
	11	Color Macro + White Balance	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 ⇄ 195			RGBW: 100%	
196 ⇄ 200			White 1	
201 ⇄ 205			White 2	
206 ⇄ 210			White 3	
211 ⇄ 215			White 4	
216 ⇄ 220			White 5	
221 ⇄ 225			White 6	
226 ⇄ 230			White 7	
231 ⇄ 235	White 8			
236 ⇄ 240	White 9			
241 ⇄ 245	White 10			
246 ⇄ 250	White 11			
251 ⇄ 255	White 12			
12	Strobe	000 ⇄ 009	No function	
		010 ⇄ 099	Slow to fast	
		100 ⇄ 109	No function	
		110 ⇄ 179	Lighting effect, slow to fast	
		180 ⇄ 189	No function	
		190 ⇄ 255	Random	

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TR16	Channel	Function	Value	Percent/Setting
13		Programs	000 ⇄ 040	No function
			041 ⇄ 050	Auto 1
			051 ⇄ 060	Auto 2
			061 ⇄ 070	Auto 3
			071 ⇄ 080	Auto 4
			081 ⇄ 090	Auto 5
			091 ⇄ 100	Auto 6
			101 ⇄ 110	Auto 7
			111 ⇄ 120	Auto 8
			121 ⇄ 130	Auto 9
			131 ⇄ 140	Auto 10
			141 ⇄ 150	Custom 1
			151 ⇄ 160	Custom 2
161 ⇄ 170	Custom 3			
171 ⇄ 180	Custom 4			
181 ⇄ 190	Custom 5			
191 ⇄ 200	Custom 6			
201 ⇄ 210	Custom 7			
211 ⇄ 220	Custom 8			
221 ⇄ 230	Custom 9			
231 ⇄ 255	Custom 10			
14	Auto Speed	000 ⇄ 255	0-100%	
15	Zoom	000 ⇄ 255	0-100%	
16	Zoom Control	000 ⇄ 200	No function	
		201 ⇄ 220	Zoom reset	
		221 ⇄ 255	No function	
17	Dimmer Speed	000 ⇄ 009	Preset dimmer speed from display menu	
		010 ⇄ 029	Linear dimmer	
		030 ⇄ 069	Nonlinear dimming curve 1 (fastest)	
		070 ⇄ 129	Nonlinear dimming curve 2	
		130 ⇄ 189	Nonlinear dimming curve 3	
190 ⇄ 255	Nonlinear dimming curve 4 (slowest)			
TOUR	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇄ 255	0-100%
	2	Red	000 ⇄ 255	0-100% (Step Duration if Custom 1–10 in CH. 8 is active)
	3	Green	000 ⇄ 255	0–100% (Fade Duration if Custom 1–10 in CH. 8 is active)
	4	Blue	000 ⇄ 255	0-100%
	5	White	000 ⇄ 255	0-100%
6	Color Macro + White Balance	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 ⇄ 195	RGBW: 100%	
		196 ⇄ 200	White 1	
		201 ⇄ 205	White 2	
		206 ⇄ 210	White 3	
		211 ⇄ 215	White 4	
		216 ⇄ 220	White 5	
		221 ⇄ 225	White 6	
		226 ⇄ 230	White 7	
231 ⇄ 235	White 8			
236 ⇄ 240	White 9			
241 ⇄ 245	White 10			
246 ⇄ 250	White 11			
251 ⇄ 255	White 12			

TOUR	Channel	Function	Value	Percent/Setting	
	7	Strobe	000 ⇄ 009	No function	
			010 ⇄ 099	Slow to fast	
			100 ⇄ 109	No function	
			110 ⇄ 179	Lighting effect, slow to fast	
			180 ⇄ 189	No function	
				190 ⇄ 255	Random
	8	Programs	000 ⇄ 040	No function	
			041 ⇄ 050	Auto 1	
			051 ⇄ 060	Auto 2	
			061 ⇄ 070	Auto 3	
			071 ⇄ 080	Auto 4	
			081 ⇄ 090	Auto 5	
091 ⇄ 100			Auto 6		
101 ⇄ 110			Auto 7		
111 ⇄ 120			Auto 8		
121 ⇄ 130			Auto 9		
131 ⇄ 140			Auto 10		
141 ⇄ 150			Custom 1		
151 ⇄ 160			Custom 2		
161 ⇄ 170			Custom 3		
171 ⇄ 180			Custom 4		
181 ⇄ 190	Custom 5				
191 ⇄ 200	Custom 6				
201 ⇄ 210	Custom 7				
211 ⇄ 220	Custom 8				
221 ⇄ 230	Custom 9				
231 ⇄ 255	Custom 10				
9	Auto Speed	000 ⇄ 255	0-100%		
10	Zoom	000 ⇄ 255	0-100%		
11	Zoom Control	000 ⇄ 200	No function		
		201 ⇄ 220	Zoom reset		
		221 ⇄ 255	No function		
12	Dimmer Speed	000 ⇄ 009	Preset dimmer speed from display menu		
		010 ⇄ 029	Linear dimmer		
		030 ⇄ 069	Nonlinear dimming curve 1 (fastest)		
		070 ⇄ 129	Nonlinear dimming curve 2		
		130 ⇄ 189	Nonlinear dimming curve 3		
190 ⇄ 255	Nonlinear dimming curve 4 (slowest)				
HSIC	Channel	Function	Value	Percent/Setting	
	1	Dimmer	000 ⇄ 255	0-100%	
	2	Hue	000 ⇄ 255	0-100%	
	3	Hue Fine	000 ⇄ 255	0-100%	
	4	Saturation	000 ⇄ 255	0-100%	
	5	Color Macro + White Balance	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 ⇄ 195	RGBW: 100%	

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HSIC	Channel	Function	Value	Percent/Setting
HSIC	5	Color Macro + White Balance	196 ⇔ 200	White 1
			201 ⇔ 205	White 2
			206 ⇔ 210	White 3
			211 ⇔ 215	White 4
			216 ⇔ 220	White 5
			221 ⇔ 225	White 6
			226 ⇔ 230	White 7
			231 ⇔ 235	White 8
			236 ⇔ 240	White 9
			241 ⇔ 245	White 10
			246 ⇔ 250	White 11
			251 ⇔ 255	White 12
	6	Strobe	000 ⇔ 009	No function
			010 ⇔ 099	Slow to fast
			100 ⇔ 109	No function
110 ⇔ 179			Lighting effect, slow to fast	
180 ⇔ 189			No function	
190 ⇔ 255	Random			
7	Zoom	000 ⇔ 255	0-100%	
8	Zoom Control	000 ⇔ 200	No function	
		201 ⇔ 220	Zoom reset	
		221 ⇔ 255	No function	
9	Dimmer Speed	000 ⇔ 009	Preset dimmer speed from display menu	
		010 ⇔ 029	Linear dimmer	
		030 ⇔ 069	Nonlinear dimming curve 1 (fastest)	
		070 ⇔ 129	Nonlinear dimming curve 2	
		130 ⇔ 189	Nonlinear dimming curve 3	
190 ⇔ 255	Nonlinear dimming curve 4 (slowest)			
SSP	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	White	000 ⇔ 255	0-100%
	6	Strobe	000 ⇔ 009	No function
			010 ⇔ 099	Slow to fast
			100 ⇔ 109	No function
			110 ⇔ 179	Lighting effect, slow to fast
			180 ⇔ 189	No function
	190 ⇔ 255	Random		
	7	Zoom	000 ⇔ 255	0-100%
	8	Zoom Control	000 ⇔ 200	No function
			201 ⇔ 220	Zoom reset
			221 ⇔ 255	No function
	9	Dimmer Speed	000 ⇔ 009	Preset dimmer speed from display menu
			010 ⇔ 029	Linear dimmer
			030 ⇔ 069	Nonlinear dimming curve 1 (fastest)
			070 ⇔ 129	Nonlinear dimming curve 2
			130 ⇔ 189	Nonlinear dimming curve 3
	190 ⇔ 255	Nonlinear dimming curve 4 (slowest)		