

# 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 ⇄ 200 201 ⇄ 220 221 ⇄ 255	No function Zoom reset No function
	17	Dimmer Speed	000 ⇄ 009 010 ⇄ 029 030 ⇄ 069 070 ⇄ 129 130 ⇄ 189 190 ⇄ 255	Preset dimmer speed from display menu Linear dimmer Nonlinear dimming curve 1 (fastest) Nonlinear dimming curve 2 Nonlinear dimming curve 3 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 ⇄ 010 011 ⇄ 030 031 ⇄ 050 051 ⇄ 070 071 ⇄ 090 091 ⇄ 110 111 ⇄ 130 131 ⇄ 150 151 ⇄ 170 171 ⇄ 195 196 ⇄ 200 201 ⇄ 205 206 ⇄ 210 211 ⇄ 215 216 ⇄ 220 221 ⇄ 225 226 ⇄ 230 231 ⇄ 235 236 ⇄ 240 241 ⇄ 245 246 ⇄ 250 251 ⇄ 255	No function R:100%      G: 0-100%      B: 0 R:100%-0    G: 100%            B: 0 R:0            G: 100%            B: 0-100% R:0            G: 100%-0        B: 100% R:0-100%    G: 0                B: 100% R:100%      G: 0                B: 100%-0 R:100%      G: 0-100%        B: 0-100% R:100%-0    G: 100%-0        B: 100% RGBW: 100% White 1 White 2 White 3 White 4 White 5 White 6 White 7 White 8 White 9 White 10 White 11 White 12
	12	Strobe	000 ⇄ 009 010 ⇄ 099 100 ⇄ 109 110 ⇄ 179 180 ⇄ 189 190 ⇄ 255	No function Slow to fast No function Lighting effect, slow to fast No function 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
	5	<b>Color Macro + White Balance</b>	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	<b>Strobe</b>	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	<b>Zoom</b>	000 ⇔ 255	0-100%	
8	<b>Zoom Control</b>	000 ⇔ 200	No function	
		201 ⇔ 220	Zoom reset	
		221 ⇔ 255	No function	
9	<b>Dimmer Speed</b>	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	<b>Dimmer</b>	000 ⇔ 255	0-100%
	2	<b>Red</b>	000 ⇔ 255	0-100%
	3	<b>Green</b>	000 ⇔ 255	0-100%
	4	<b>Blue</b>	000 ⇔ 255	0-100%
	5	<b>White</b>	000 ⇔ 255	0-100%
	6	<b>Strobe</b>	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	<b>Zoom</b>	000 ⇔ 255	0-100%
	8	<b>Zoom Control</b>	000 ⇔ 200	No function
			201 ⇔ 220	Zoom reset
			221 ⇔ 255	No function
	9	<b>Dimmer Speed</b>	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)		