

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 ⇄ 200	RGBW: 100%
		201 ⇄ 205	White 1
		206 ⇄ 210	White 2
		211 ⇄ 215	White 3
		216 ⇄ 220	White 4
		221 ⇄ 225	White 5
		226 ⇄ 230	White 6
		231 ⇄ 235	White 7
		236 ⇄ 240	White 8
		241 ⇄ 245	White 9
		246 ⇄ 251	White 10
		251 ⇄ 255	White 11
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%

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 ⇄ 200 201 ⇄ 205 206 ⇄ 210 211 ⇄ 215 216 ⇄ 220 221 ⇄ 225 226 ⇄ 230 231 ⇄ 235 236 ⇄ 240 241 ⇄ 245 246 ⇄ 251 251 ⇄ 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
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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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 ⇄ 200	RGBW: 100%
		201 ⇄ 205	White 1
		206 ⇄ 210	White 2
		211 ⇄ 215	White 3
		216 ⇄ 220	White 4
		221 ⇄ 225	White 5
		226 ⇄ 230	White 6
		231 ⇄ 235	White 7
		236 ⇄ 240	White 8
		241 ⇄ 245	White 9
		246 ⇄ 251	White 10
		251 ⇄ 255	White 11

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 ⇄ 200	RGBW: 100%

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Channel	Function	Value	Percent/Setting
5	Color Macro + White Balance	201 ⇄ 205	White 1
		206 ⇄ 210	White 2
		211 ⇄ 215	White 3
		216 ⇄ 220	White 4
		221 ⇄ 225	White 5
		226 ⇄ 230	White 6
		231 ⇄ 235	White 7
		236 ⇄ 240	White 8
		241 ⇄ 245	White 9
		246 ⇄ 251	White 10
		251 ⇄ 255	White 11
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)