

**DMX table compact version**

TW (15CH)	Basic (16CH)	Standard (25CH)	Extend (51CH)	CMY (24CH)	Function
1	1	1	1	1	Pan
2		2	2	2	Pan fine
3	2	3	3	3	Tilt
4		4	4	4	Tilt fine
5	3	5	5	5	Pan/Tilt speed
6	4	6	6	6	Dimmer
7			7	7	Dimmer fine
8	5	7	8	8	Strobe
9	6	8	9	9	Zoom
10			10	10	Zoom fine
		9	11	11	Zoom speed
	7	10	12		Red - Red 1 (in 99CH mode)
	8	11	13		Green - Green 1 (in 99CH mode)
	9	12	14		Blue - Blue 1 (in 99CH mode)
	10	13	15		White - White 1 (in 99CH mode)
			16		Red 2
			17		Green 2
			18		Blue 2
			19		White 2
			20		Red 3
			21		Green 3
			22		Blue 3
			23		White 3
			24		Red 4
			25		Green 4
			26		Blue 4
			27		White 4
			28		Red 5
			29		Green 5
			30		Blue 5
			31		White 5
			32		Red 6
			33		Green 6
			34		Blue 6
			35		White 6
			36		Red 7
			37		Green 7
			38		Blue 7
			39		White 7
				12	Cyan
				13	Cyan fine
				14	Magenta
				15	Magenta fine

				16	Yellow
				17	Yellow fine
		14	40	18	White Macros
11		15	41	19	Linear White
12		16	42		Minus green (this function works only in combination with White Macros or Linear White functions)
	11	17	43	20	Foreground colors
	12	18	44		Background colors (this function works only in combination with pattern programs)
		19	45	21	Fade speed foreground and background colors
	13	20	46		Pattern programs
	14	21	47		Patterns movement
	15	22	48		Pattern Fade
13		23	49	22	Dimmer modes
14		24	50	23	Dimmer curves
15	16	25	51	24	Special functions

### DMX table extended version

TW (15CH)	Basic (16CH)	Standard (25CH)	Extend (51CH)	CMY (24CH)	Function	Value	Detail
1	1	1	1	1	Pan	000 - 255	Pan movement
2		2	2	2	Pan fine	000 - 255	Pan fine movement
3	2	3	3	3	Tilt	000 - 255	Tilt movement
4		4	4	4	Tilt fine	000 - 255	Tilt fine movement
5	3	5	5	5	Pan/Tilt speed	000 - 225	Speed from Max to min
						226 - 235	Blackout by movements
						236 - 255	No functions
6	4	6	6	6	Dimmer	000 - 255	Master dimmer
7			7	7	Dimmer fine	000 - 255	Master dimmer fine
8	5	7	8	8	Strobe	000 - 031	Shutter closed
						032 - 063	Shutter open
						064 - 095	Strobe from slow to fast
						096 - 127	Shutter open
						128 - 157	Pulse IN ALL PIXELS from slow to fast
						158 - 159	Shutter open
						160 - 189	Random Pulse IN SINGLE PIXEL from slow to fast
						190 - 191	Shutter open
						192 - 221	Random strobe ALL PIXELS from slow to fast
						222 - 223	Shutter open
						224 - 253	Random strobe SINGLE PIXEL from slow to fast
254 - 255	Shutter open						
9	6	8	9	9	Zoom	000 - 255	Zoom from narrow to wide
10			10	10	Zoom fine	000 - 255	Zoom from narrow to wide fine
		9	11	11	Zoom speed	000 - 255	Zoom speed from max to min
	7	10	12		Red - Red 1	000 - 255	Red dimmer (Red 1 in 51CH mode)
	8	11	13		Green - Green 1	000 - 255	Green dimmer (Green 1 in 51CH mode)



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	9	12	14		Blue - Blue 1	000 - 255	Blue dimmer (Blue 1 in 51CH mode)
	10	13	15		White - White 1	000 - 255	White dimmer (White 1 in 51CH mode)
			16		Red 2	000 - 255	Red 2 dimmer
			17		Green 2	000 - 255	Green 2 dimmer
			18		Blue 2	000 - 255	Blue 2 dimmer
			19		White 2	000 - 255	White 2 dimmer
			20		Red 3	000 - 255	Red 3 dimmer
			21		Green 3	000 - 255	Green 3 dimmer
			22		Blue 3	000 - 255	Blue 3 dimmer
			23		White 3	000 - 255	White 3 dimmer
			24		Red 4	000 - 255	Red 4 dimmer
			25		Green 4	000 - 255	Green 4 dimmer
			26		Blue 4	000 - 255	Blue 4 dimmer
			27		White 4	000 - 255	White 4 dimmer
			28		Red 5	000 - 255	Red 5 dimmer
			29		Green 5	000 - 255	Green 5 dimmer
			30		Blue 5	000 - 255	Blue 5 dimmer
			31		White 5	000 - 255	White 5 dimmer
			32		Red 6	000 - 255	Red 6 dimmer
			33		Green 6	000 - 255	Green 6 dimmer
			34		Blue 6	000 - 255	Blue 6 dimmer
			35		White 6	000 - 255	White 6 dimmer
			36		Red 7	000 - 255	Red 7 dimmer
			37		Green 7	000 - 255	Green 7 dimmer
			38		Blue 7	000 - 255	Blue 7 dimmer
			39		White 7	000 - 255	White 7 dimmer
				12	Cyan	000 - 255	Cyan dimmer (active only in CMY - 24CH mode)
				13	Cyan fine	000 - 255	Cyan dimmer fine (active only in CMY - 24CH mode)
				14	Magenta	000 - 255	Magenta dimmer (active only in CMY - 24CH mode)
				15	Magenta fine	000 - 255	Magenta dimmer fine (active only in CMY - 24CH mode)
				16	Yellow	000 - 255	Yellow dimmer (active only in CMY - 24CH mode)
				17	Yellow fine	000 - 255	Yellow dimmer fine (active only in CMY - 24CH mode)
		14	40	18	White Macros	0	No functions
						001 - 025	2700K
						026 - 050	3000K
						051 - 075	3200K
						076 - 100	4000K
						101 - 125	4500K
						126 - 150	5000K
						151 - 175	5600K
						176 - 200	6500K
						201 - 225	8000K
					226 - 255	10000K	
11		15	41	19	Linear White	0	No functions
						001 - 255	Linear Color Temperature from 2700K to 10000K
12		16	42		Minus green (it works only in combination)	0	No function

					with White Macros or Linear White functions)	001 - 255	Minus green from no green removed to Max green removed
						0	No functions
						001 - 004	Pale Yellow (LEE filter number 7)
						005 - 008	Straw (LEE filter number 103)
						009 - 012	Gold Tint (LEE filter number 151)
						013 - 016	Spring Yellow (LEE filter number 100)
						017 - 020	Medium Yellow (LEE filter number 10)
						021 - 024	Yellow (LEE filter number 101)
						025 - 028	Deep Amber (LEE filter number 104)
						029 - 032	Deep Straw (LEE filter number 15)
						033 - 036	Loving Amber (LEE filter number 179)
						037 - 040	Gold Amber (LEE filter number 21)
						041 - 044	Orange (LEE filter number 105)
						045 - 048	Deep Orange (LEE filter number 158)
						049 - 052	Dark Amber (LEE filter number 22)
						053 - 056	Millenium Gold (LEE filter number 778)
						057 - 060	Deep Golden Amber (LEE filter number 135)
						061 - 064	Scarlet (LEE filter number 24)
						065 - 068	Primary Red (LEE filter number 106)
						069 - 072	Bright Red (LEE filter number 26)
						073 - 076	Medium Red (LEE filter number 27)
						077 - 080	Fire (LEE filter number 19)
						081 - 084	Pink (LEE filter number 157)
						085 - 088	Medium Pink (LEE filter number 36)
						089 - 092	Dark Pink (LEE filter number 111)
						093 - 096	Bright Pink (LEE filter number 128)
						097 - 100	Bright Rose (LEE filter number 148)
						101 - 104	Special Rose Pink (LEE filter number 332)
						105 - 108	Vanity Fair (LEE filter number 793)
						109 - 112	Magenta (LEE filter number 113)
						113 - 116	Dark Magenta (LEE filter number 46)
						117 - 120	Rose Purple (LEE filter number 48)
						121 - 124	Mauve (LEE filter number 126)
						125 - 128	Medium Purple (LEE filter number 49)
						129 - 132	Lavender (LEE filter number 58)
						133 - 136	Palace Blue (LEE filter number 199)
						137 - 140	Dark Blue (LEE filter number 119)
						141 - 144	Medium Blue (LEE filter number 132)
						145 - 148	Deep Blue (LEE filter number 120)
						149 - 152	Daylight Blue (LEE filter number 165)
						153 - 156	Slate Blue (LEE filter number 161)
						157 - 160	Light Blue (LEE filter number 118)
						161 - 164	Sky Blue (LEE filter number 68)
						165 - 168	Pale Navy Blue (LEE filter number 143)
						169 - 172	Marine Blue (LEE filter number 131)
11	17	43	20	Foreground colors			

					173 - 176	Peacock Blue (LEE filter number 115)
					177 - 180	Lagoon Blue (LEE filter number 172)
					181 - 184	Medium Blue Green (LEE filter number 116)
					185 - 188	Dark Yellow Green (LEE filter number 90)
					189 - 192	Primary Green (LEE filter number 139)
					193 - 196	Fern Green (LEE filter number 122)
					197 - 200	Moss Green (LEE filter number 89)
					201 - 204	Dark Green (LEE filter number 124)
					205 - 208	Lime Green (LEE filter number 88)
					209 - 212	Pale Green (LEE filter number 138)
					213 - 216	Quarter CT Blue (LEE filter number 203)
					217 - 220	Half CT Blue (LEE filter number 202)
					221 - 224	Full CT Blue (LEE filter number 201)
					225 - 228	Double CT Blue (LEE filter number 200)
					229 - 232	Quarter CT Orange (LEE filter number 206)
					233 - 236	Half CT Orange (LEE filter number 205)
					237 - 240	Full CT Orange (LEE filter number 204)
					241 - 250	Rainbow color from slow to fast (from the first to the last color)
					251 - 255	Full ON
					0	No functions
					001 - 004	Pale Yellow (LEE filter number 7)
					005 - 008	Straw (LEE filter number 103)
					009 - 012	Gold Tint (LEE filter number 151)
					013 - 016	Spring Yellow (LEE filter number 100)
					017 - 020	Medium Yellow (LEE filter number 10)
					021 - 024	Yellow (LEE filter number 101)
					025 - 028	Deep Amber (LEE filter number 104)
					029 - 032	Deep Straw (LEE filter number 15)
					033 - 036	Loving Amber (LEE filter number 179)
					037 - 040	Gold Amber (LEE filter number 21)
					041 - 044	Orange (LEE filter number 105)
					045 - 048	Deep Orange (LEE filter number 158)
					049 - 052	Dark Amber (LEE filter number 22)
					053 - 056	Millenium Gold (LEE filter number 778)
					057 - 060	Deep Golden Amber (LEE filter number 135)
					061 - 064	Scarlet (LEE filter number 24)
					065 - 068	Primary Red (LEE filter number 106)
					069 - 072	Bright Red (LEE filter number 26)
					073 - 076	Medium Red (LEE filter number 27)
					077 - 080	Fire (LEE filter number 19)
					081 - 084	Pink (LEE filter number 157)
					085 - 088	Medium Pink (LEE filter number 36)
					089 - 092	Dark Pink (LEE filter number 111)
					093 - 096	Bright Pink (LEE filter number 128)
					097 - 100	Bright Rose (LEE filter number 148)
					101 - 104	Special Rose Pink (LEE filter number 332)
	12	18	44	Background colors (this function works only in combination with pattern programs)		

						105 - 108	Vanity Fair (LEE filter number 793)
						109 - 112	Magenta (LEE filter number 113)
						113 - 116	Dark Magenta (LEE filter number 46)
						117 - 120	Rose Purple (LEE filter number 48)
						121 - 124	Mauve (LEE filter number 126)
						125 - 128	Medium Purple (LEE filter number 49)
						129 - 132	Lavender (LEE filter number 58)
						133 - 136	Palace Blue (LEE filter number 199)
						137 - 140	Dark Blue (LEE filter number 119)
						141 - 144	Medium Blue (LEE filter number 132)
						145 - 148	Deep Blue (LEE filter number 120)
						149 - 152	Daylight Blue (LEE filter number 165)
						153 - 156	Slate Blue (LEE filter number 161)
						157 - 160	Light Blue (LEE filter number 118)
						161 - 164	Sky Blue (LEE filter number 68)
						165 - 168	Pale Navy Blue (LEE filter number 143)
						169 - 172	Marine Blue (LEE filter number 131)
						173 - 176	Peacock Blue (LEE filter number 115)
						177 - 180	Lagoon Blue (LEE filter number 172)
						181 - 184	Medium Blue Green (LEE filter number 116)
						185 - 188	Dark Yellow Green (LEE filter number 90)
						189 - 192	Primary Green (LEE filter number 139)
						193 - 196	Fern Green (LEE filter number 122)
						197 - 200	Moss Green (LEE filter number 89)
						201 - 204	Dark Green (LEE filter number 124)
						205 - 208	Lime Green (LEE filter number 88)
						209 - 212	Pale Green (LEE filter number 138)
						213 - 216	Quarter CT Blue (LEE filter number 203)
						217 - 220	Half CT Blue (LEE filter number 202)
						221 - 224	Full CT Blue (LEE filter number 201)
						225 - 228	Double CT Blue (LEE filter number 200)
						229 - 232	Quarter CT Orange (LEE filter number 206)
						233 - 236	Half CT Orange (LEE filter number 205)
						237 - 240	Full CT Orange (LEE filter number 204)
						241 - 250	Rainbow color from slow to fast (from the first to the last color)
						251 - 255	Full ON
		19	45	21	Fade speed foreground and background colors	000 - 255	Fade from 0 to max fade
	13	20	46		Pattern programs	000 - 009	No functions
						010 - 019	Pattern program 1
						020 - 029	Pattern program 2
						030 - 039	Pattern program 3
						040 - 049	Pattern program 4
						050 - 059	Pattern program 5
						060 - 069	Pattern program 6
						070 - 079	Pattern program 7

						080 - 089	Pattern program 8
						090 - 099	Pattern program 9
						100 - 109	Pattern program 10
						110 - 119	Pattern program 11
						120 - 129	Pattern program 12
						130 - 139	Pattern program 13
						140 - 149	Pattern program 14
						150 - 159	Pattern program 15
						160 - 169	Pattern program 16
						170 - 179	Pattern program 17
						180 - 189	Pattern program 18
						190 - 199	Pattern program 19
						200 - 209	Pattern program 20
						210 - 255	No functions
	14	21	47		Pattern programs manual step	000 - 004	Static Step 1
						005 - 009	Static Step 2
						010 - 014	Static Step 3
						015 - 019	Static Step 4
						020 - 024	Static Step 5
						025 - 029	Static Step 6
						030 - 034	Static Step 7
						035 - 039	Static Step 8
					Pattern programs auto step	040 - 145	Chase forward from fast to slow
						146 - 149	Stop
						150 - 255	Chase forward from slow to fast
	15	22	48		Pattern Fade	000 - 255	Pattern fade from 0 to max fade
13		23	49	22	Dimmer modes	000 - 020	Standard
						021 - 040	Stage
						041 - 060	TV
						061 - 080	Architectural
						081 - 100	Theatre
						101 - 255	No functions: settings from display
14		24	50	23	Dimmer curves	000 - 020	Linear
						021 - 040	Square
						041 - 060	Inv-square
						061 - 080	S-curve
						081 - 255	No functions: settings from display
15	16	25	51	24	Special functions (Hold 3s to activate)	000 - 005	No functions
						006 - 010	900 Hz LED refresh rate
						011 - 015	1000 Hz LED refresh rate
						016 - 020	1100 Hz LED refresh rate
						021 - 025	1200 Hz LED refresh rate
						026 - 030	1300 Hz LED refresh rate
						031 - 035	1400 Hz LED refresh rate
						036 - 040	1500 Hz LED refresh rate
						041 - 045	2500 Hz LED refresh rate



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						046 - 050	4000 Hz LED refresh rate
						051 - 055	5000 Hz LED refresh rate
						056 - 060	6000 Hz LED refresh rate
						061 - 065	10 KHz LED refresh rate
						066 - 070	15 KHz LED refresh rate
						071 - 075	20 KHz LED refresh rate
						076 - 080	25 KHz LED refresh rate
						081 - 089	LED refresh rate settings from display
						090 - 099	Invert Pan ON
						100 - 109	Invert Pan OFF
						110 - 119	Invert Tilt ON
						120 - 129	Invert Tilt OFF
						130 - 139	Fan Silent
						140 - 149	Fan Auto
						150 - 159	Fan High
						160 - 169	Pan/Tilt Reset
						170 - 179	Zoom Reset
						180 - 189	Total Reset
						190 - 255	No functions