



PIXL TRON 740Z DMX CHART

DMX CHART:65/37/25

Mode/Channel			Value	Function
65	37	25		
1	1	1		Pan
			0..255	PAN Movement
2	2	2		Pan-fine
			0..255	Fine control of Pan movement
3	3	3		Tilt
			0..255	Tilt Movement
4	4	4		Tile-fine
			0..255	Fine control of Tilt movement
5	5	5	0..225	Speed pan/tile max to min speed
			226..235	blackout by movement
			236..255	no function
6	6	6		Dimmer
			0..255	Dimmer 0%... 100%
7	7	7		Shutter
			0..31	Shutter closed
			32..63	shutter open
			64..95	Strobe effect slow to fast
			96..127	shutter open
			128..159	Pulse-effect in sequences slow to fast
			160..191	shutter open
			192..223	Random strobe effect slow to fast
224..255	shutter open			
8	8	8		Red
			0..255	0-100% Red dimmer from dark to bright
9	9	9		Green
			0..255	0-100% Green dimmer from dark to bright
10	10	10		Blue
			0..255	0-100% Blue dimmer from dark to bright
11	11	11		White
			0..255	0-100% White dimmer from dark to bright
12	12	12		Zoom
			0..255	In(near) to out(far)
13	13	13		Virtual color
			0..0	No Function
			1..13	Red
			14..27	Green
			28..41	Blue
			42..55	White
			56..69	Red+White
			70..83	Green+White
			84..97	Blue+White
			98..111	Green+Blue
			112..125	Red+Blue
126..139	Red+Green			



13	13	13	140..153	Green+Blue+White
			154..167	Red+Blue+White
			168..181	Red+Green+White
			182..195	Red+Blue+Green+White
			196..202	2700K
			203..209	3200K
			210..216	3500K
			217..223	5000K
			224..230	5500K
			231..237	6000K
			238..244	6500K
			245..251	7000K
			252..255	8000K
14	14	14		Color Temp
			0..15	No Function
			16..45	Below 3200K
			46..75	3200K - 3500K
			76..105	3500K - 5000K
			106..135	5000K - 5500K
			136..165	5500K - 6000K
			166..195	6000K - 6500K
			196..225	6500K - 7000K
226..255	7000K - 8000K			
15	15	15		Visual Tungsten Lamp
			0..15	No Function
			16..255	Tungsten lamp effect is gradually enhanced
16	16			Foreground color for patterns
			0..0	No Function
			1..13	Red
			14..27	Green
			28..41	Blue
			42..55	White
			56..69	Red+White
			70..83	Green+White
			84..97	Blue+White
			98..111	Green+Blue
			112..125	Red+Blue
			126..139	Red+Green
			140..153	Green+Blue+White
			154..167	Red+Blue+White
			168..181	Red+Green+White
			182..195	Red+Blue+Green+White
			196..202	2700K
			203..209	3200K
			210..216	3500K
			217..223	5000K
224..230	5500K			
231..237	6000K			
238..244	6500K			
245..251	7000K			
252..255	8000K			



17	17		Foreground dimmer
		000..255	Foreground dimmer 0 – 100%.
18	18		Background color for patterns
		0..0	No Function
		1..13	Red
		14..27	Green
		28..41	Blue
		42..55	White
		56..69	Red+White
		70..83	Green+White
		84..97	Blue+White
		98..111	Green+Blue
		112..125	Red+Blue
		126..139	Red+Green
		140..153	Green+Blue+White
		154..167	Red+Blue+White
		168..181	Red+Green+White
		182..195	Red+Blue+Green+White
		196..202	2700K
		203..209	3200K
		210..216	3500K
		217..223	5000K
224..230	5500K		
231..237	6000K		
238..244	6500K		
245..251	7000K		
252..255	8000K		
19	19		Background dimmer
		000..255	Background dimmer 0 – 100%.
20	20		Patterns (The Shutter and Dimmer channels Control Brightness)
		000..015	No function
		016..031	Static patterns
		032..043	Dynamic Scene1
		44..055	Dynamic Scene2
		056..067	Dynamic Scene3
		068..079	Dynamic Scene4
		080..091	Dynamic Scene5
		092..103	Dynamic Scene6
		104..115	Dynamic Scene7
		116..127	Dynamic Scene8
		128..139	Dynamic Scene9
		140..151	Dynamic Scene10
		152..163	Dynamic Scene11
		164..175	Dynamic Scene12
		176..187	Dynamic Scene13
		188..199	Dynamic Scene14
		200..211	Dynamic Scene15
		212..223	Dynamic Scene16
		224..235	Dynamic Scene17
236..247	Dynamic Scene18		
248..255	Dynamic Scene19		



21	21	Static patterns or patterns speed	
		Function 1: Static Patterns (If Patterns channel is in the interval 016 – 031)	
		000..007	static scene1
		008..015	static scene2
		016..023	static scene3
		024..031	static scene4
		032..039	static scene5
		040..047	static scene6
		048..055	static scene7
		056..063	static scene8
		064..071	static scene9
		072..079	static scene10
		080..087	static scene11
		088..095	static scene12
		096..097	static scene13
		104..111	static scene14
		112..119	static scene15
		120..127	static scene16
		128..135	static scene17
		136..143	static scene18
		144..151	static scene19
		152..159	static scene20
		160..167	static scene21
		168..175	static scene22
		176..183	static scene23
		184..191	static scene24
		192..199	static scene25
		200..207	static scene26
		208..215	static scene27
		216..223	static scene28
		224..231	static scene29
		232..239	static scene30
		240..247	static scene31
		248..255	static scene32
Function 2: Dynamic Patterns (If Patterns channel is in the interval 032 – 255)			
000..023	No function		
024..137	Forward speed from zero speed to fast speed		
138..141	Stop movement		
142..255	Reverse speed from zero speed to fast speed		
22		Red in Pixel 1	
	0..255	Red in pixel 1 saturation control (0-100%)	
23		Green in Pixel 1	
	0..255	Green in pixel 1 saturation control (0-100%)	
24		Blue in Pixel 1	
	0..255	Blue in pixel 1 saturation control(0-100%)	
25		White in pixel 1	
	0..255	White in pixel 1 saturation control(0-100%)	
26		Red in pixel 2	
	0..255	Red in pixel 2 saturation control(0-100%)	
27		Green in pixel 2	
	0..255	Green in pixel 2 saturation control(0-100%)	



28				Blue in pixel 2
			0..255	Blue in pixel 2 saturation control(0-100%)
29				White in pixel 2
			0..255	White in pixel 2 saturation control(0-100%)
30				Red in Pixel 3
			0..255	Red in pixel 3 saturation control (0-100%)
31				Green in pixel 3
			0..255	Green in pixel 3 saturation control(0-100%
32				Blue in pixel 3
			0..255	Blue in pixel 3 saturation control(0-100%)
33				White in pixel 3
			0..255	White in pixel 3 saturation control(0-100%)
34				Red in Pixel 4
			0..255	Red in pixel 4 saturation control (0-100%)
35				Green in pixel 4
			0..255	Green in pixel 4 saturation control(0-100%)
36				Blue in pixel 4
			0..255	Blue in pixel 4 saturation control(0-100%)
37				White in pixel 4
			0..255	White in pixel 4 saturation control(0-100%)
38				Red in Pixel 5
			0..255	White in pixel 5 saturation control (0-100%)
39				Green in pixel 5
			0..255	Green in pixel 5 saturation control(0-100%)
40				Blue in pixel 5
			0..255	Blue in pixel 5 saturation control(0-100%)
41				White in pixel 5
			0..255	White in pixel 5 saturation control(0-100%)
42				Red in Pixel 6
			0..255	White in pixel 6 saturation control (0-100%)
43				Green in pixel 6
			0..255	Green in pixel 6 saturation control(0-100%)
44				Blue in pixel 6
			0..255	Blue in pixel 6 saturation control(0-100%)
45				White in pixel 6
			0..255	White in pixel 6 saturation control(0-100%)
46				Red in Pixel 7
			0..255	White in pixel 7 saturation control (0-100%)
47				Green in pixel 7
			0..255	Green in pixel 7 saturation control(0-100%)
48				Blue in pixel 7
			0..255	Blue in pixel 7 saturation control(0-100%)
49				White in pixel 7
			0..255	White in pixel 7 saturation control(0-100%)
50	22	16		Pix_Dimmer
			0..255	Pix_Dimmer 0%...100%
51	23	17		Pix_Red
			0..255	0-100% Pix_Red dimmer from dark to bright



52	24	18		Pix_Green
			0..255	0-100% Pix_Green dimmer from dark to bright
53	25	19		Pix_Blue
			0..255	0-100% Pix_Blue dimmer from dark to bright
54	26	20		Pix_color
			0..0	No Function
			1..15	Red
			16..31	Green
			32..47	Blue
			48..63	Red+Blue
			64..79	Red+Green
			80..95	Green+Blue
			96..111	Red+Blue+Green
			112..127	2700K
			128..143	3200K
			144..159	3500K
			160..175	5000K
			176..191	5500K
			192..207	6000K
			208..223	6500K
224..239	7000K			
240..255	8000K			
55	27	21		Pix_Macro
			0..15	No Function
			16..29	Pix Dynamic Scene1
			30..43	Pix Dynamic Scene2
			44..57	Pix Dynamic Scene3
			58..71	Pix Dynamic Scene4
			72..85	Pix Dynamic Scene5
			86..99	Pix Dynamic Scene6
			100..113	Pix Dynamic Scene7
			114..127	Pix Dynamic Scene8
			128..143	Pix Dynamic Scene9
			142..155	Pix Dynamic Scene10
			156..169	Pix Dynamic Scene11
			170..183	Pix Dynamic Scene12
			184..197	Pix Dynamic Scene13
			198..211	Pix Dynamic Scene14
212..225	Pix Dynamic Scene15			
226..239	Pix Dynamic Scene16			
240..245	Pix Ganged Form Macro 1			
246..250	Pix Ganged Form Macro 2			
251..255	Pix Ganged Form Macro 3			
56	28	22		Pix_Macro_Speed
			0..255	Fast to slow
57	29			Expand Patterns
			0..15	No Function
			16..29	Pix Dynamic Scene1
			30..43	Pix Dynamic Scene2
			44..57	Pix Dynamic Scene3



57	29		58..71	Pix Dynamic Scene4
			72..85	Pix Dynamic Scene5
			86..99	Pix Dynamic Scene6
			100..113	Pix Dynamic Scene7
			114..127	Pix Dynamic Scene8
			128..143	Pix Dynamic Scene9
			142..155	Pix Dynamic Scene10
			156..169	Pix Dynamic Scene11
			170..183	Pix Dynamic Scene12
			184..197	Pix Dynamic Scene13
			198..211	Pix Dynamic Scene14
			212..225	Pix Dynamic Scene15
			226..239	Pix Dynamic Scene16
240..255	Pix Dynamic Scene17			
58	30			Pix_Foreground dimmer
			0..255	Pix_Expand Patterns Foreground dimmer 0 – 100%. (Foreground Color Share with "Red,Green,Blue"Channel)
59	31			Pix_Background dimmer
			0..255	Pix_Expand Patterns Background dimmer 0 – 100%.
60	32			Pix_Background Red
			0..255	0-100%Pix_Background Red dimmer from dark to bright
61	33			Pix_Background Green
			0..255	0-100% Pix_Background Green dimmer from dark to bright
62	34			Pix_Background Blue
			0..255	0-100% Pix_Background Blue dimmer from dark to bright
63	35	23		Pix Ganged Form Macro Total Number
			0..255	Total Number
64	36	24		Pix Ganged Form Macro The Serial Number
			0..255	The Serial Number
65	37	25		Special function
			0..19	No function
			20..29	No function
			30..39	No function
			40..79	No function
			80..89	All Motor reset
			90..94	SCAN Motor Reset
			95..99	Focus Motor Reset
			100..119	Internal program 1
			120..139	Internal program 2
			140..159	Internal program 3
			160..179	Internal program 4
			180..199	Internal program 5
			200..219	Internal program 6
220..239	Internal program 7			
240..255	Internal Sound program 1			

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