

DMX channel's functions and values (20/40 DMX channels):

Mode/Channel		Value	Function
Standard	Shape		
1	1		<u>PAN Movement 8bit :</u>
		0-255	Pan Movement
2	2		<u>Pan Fine 16bit</u>
		0-255	Fine control of Pan movement
3	3		<u>TILT Movement 8bit :</u>
		0-255	Tilt Movement
4	4		<u>Tilt Fine 16bit</u>
		0-255	Fine control of Tilt movement
5	5		<u>Speed Pan/Tilt movement:</u>
		0-225	max to min speed
		226-255	no function
6	6		<u>Strobe</u>
		0-255	
7	7		<u>Dimmer intensity:</u>
		0-255	Intensity 0 to 100%
8	8		<u>Dimmer Mode:</u>
		0-49	Dimmer1
		50-99	Dimmer2
		100-149	Dimmer3
		150-255	Dimmer4
9	9		<u>Zoom :</u>
		0-255	Zoom adjustment
10			<u>Red LED -all arrays :</u>
		0-255	Red (0-Black , 255-100% Red)
11			<u>Green LED-all arrays :</u>
		0-255	Green (0-Black , 255-100% Green)

12			<u>Blue LED -all arrays :</u>
		0-255	Blue (0-Black , 255-100% Blue)
13			<u>White LED -all arrays :</u>
		0-255	White (0-Black , 255-100% White)
10			<u>Red LED -array 1 :</u>
		0-255	Red (0-Black , 255-100% Red)
11			<u>Green LED-array 1 :</u>
		0-255	Green (0-Black , 255-100% Green)
12			<u>Blue LED -array 1 :</u>
		0-255	Blue (0-Black , 255-100% Blue)
13			<u>White LED -array 1 :</u>
		0-255	White (0-Black , 255-100% White)
14			<u>Red LED -array 2 :</u>
		0-255	Red (0-Black , 255-100% Red)
15			<u>Green LED-array 2 :</u>
		0-255	Green (0-Black , 255-100% Green)
16			<u>Blue LED -array 2 :</u>
		0-255	Blue (0-Black , 255-100% Blue)
17			<u>White LED -array 2 :</u>
		0-255	White (0-Black , 255-100% White)
18			<u>Red LED -array 3 :</u>
		0-255	Red (0-Black , 255-100% Red)
19			<u>Green LED-array 3 :</u>
		0-255	Green (0-Black , 255-100% Green)
20			<u>Blue LED -array 3 :</u>
		0-255	Blue (0-Black , 255-100% Blue)
21			<u>White LED -array 3:</u>

		47-62	Chase 3
		63-78	Chase 4
		79-94	Chase 5
		95-110	Chase 6
		111-126	Chase 7
		127-142	Chase 8
		143-158	Chase 9
		159-174	Chase 10
		175-190	Chase 11
		191-206	Chase 12
		207-222	Chase 13
		223-238	Chase 14
		239-255	Chase 15
18	38		<u>Chase Speed:</u>
		0-125	Fast to Slow Backward
		126-130	Stop(Speed=0)
		131-255	Slow to Fast Forward
19	39		<u>Chase Fade:</u>
		0-255	Fade Chase
20	40		<u>Lamp on/off, reset, internal programs:</u>
		0-79	Normal
		80-99	All motor reset
		100-255	Normal

		0-255	White (0-Black , 255-100% White)
	22		<u>Red LED -array 4 :</u>
		0-255	Red (0-Black , 255-100% Red)
	23		<u>Green LED-array 4 :</u>
		0-255	Green (0-Black , 255-100% Green)
	24		<u>Blue LED -array 4 :</u>
		0-255	Blue (0-Black , 255-100% Blue)
	25		<u>White LED -array 4 :</u>
		0-255	White (0-Black , 255-100% White)
	26		<u>Red LED -array 5 :</u>
		0-255	Red (0-Black , 255-100% Red)
	27		<u>Green LED-array 5 :</u>
		0-255	Green (0-Black , 255-100% Green)
	28		<u>Blue LED -array 5 :</u>
		0-255	Blue (0-Black , 255-100% Blue)
	29		<u>White LED -array 5 :</u>
		0-255	White (0-Black , 255-100% White)
	30		<u>Red LED -array 6 :</u>
		0-255	Red (0-Black , 255-100% Red)
	31		<u>Green LED-array 6 :</u>
		0-255	Green (0-Black , 255-100% Green)
	32		<u>Blue LED -array 6 :</u>
		0-255	Blue (0-Black , 255-100% Blue)
	33		<u>White LED -array 6:</u>
		0-255	White (0-Black , 255-100% White)
14	34		<u>Rainbow:</u>
		0-4	No function

		5-29	R
		30-54	G
		55-79	B
		80-104	W
		105-129	Rainbow colours
		130-154	Rainbow colours
		155-174	Rainbow colours
		175-179	Rainbow colours
		180-184	Rainbow colours
		185-189	Rainbow colours
		190-210	Rainbow colours
		211-255	Crossfading colours from slow to fast
			<u>Color Presets:</u>
		0-4	No function
		5--9	White1
		10--14	White2
		15-19	White3
		20-24	White4
		25-29	White5
		30-34	White6
		35-39	Color1
		40-44	Color2
		45-49	Color3
		50-54	Color4
		55-59	Color5
		60-64	Color6
		65-69	Color7

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		70-74	Color8
		75-79	Color9
		80-84	Color10
		85-89	Color11
		90-94	Color12
		95-99	Color13
		100-104	Color14
		105-109	Color15
		110-114	Color16
		115-119	Color17
		120-124	Color18
		125-129	Color19
		130-134	Color20
		135-139	Color21
		140-144	Color22
		145-149	Color23
		150-154	Color24
		155-159	Color25
		160-164	Color26
		165-169	Color27
		170-255	Reserved
			<u>Color Presets Dimmer:</u>
16	36	0-255	Dimmer 100 to 0%
			<u>Chase Patterns:</u>
		1--14	Led turn off
17	37	15-30	Chase 1
		31-46	Chase 2

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