















## DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (50DMX CHANNELS) - V201

Mode/Channel			Function	Value	Default Value	
Ba	Std	Ex				
1	1	1	PAN Movement 8bit	0-255	128	
	2	2	Pan Fine 16bit: Fine control of Pan movement	0-255	0	
2	3	3	TILT Movement 8bit	0-255	128	
	4	4	Tilt Fine 16bit: Fine control of Tilt movement	0-255	0	
3	5	5	Speed Pan/Tilt Movement	Max to min speed	0-225	0
				Blackout by movement	226-235	
				Blackout by all wheel changing	236-245	
				No function	246-255	
4	6	6	Shutter, Strobe	Shutter closed	0-10	11
				No function (Shutter open)	11-20	
				Strobe effect slow to fast	21-117	
				No function (Shutter open)	118-126	
				Pulse-effect in sequences	127-180	
				No function (Shutter open)	181-191	
				Random strobe effect slow to fast	192-245	
				No function (Shutter open)	246-255	
5	7	7	Dimmer Intensity: Intensity 0 to 100%	0-255	0	
	8		Dimmer Intensity Fine	0-255	0	
6	8	9	Reserved			
7	9	10	Reserved			
8	10	11	Reserved			
9	11	12	Zoom: From small to big	0-255	128	
	13		Zoom Fine	0-255	0	
10	12	14	Focus: From near to far	0-255	128	
	15		Focus Fine	0-255	0	
11	13	16	Colour Wheel	Open/white	0-3	0
				Colour 1: CTB 1/4	 4-7	
				Colour 2: Magenta	 8-11	
				Colour 3: Congo Blue	 12-15	
				Colour 4: Green	 16-19	
				Colour 5: Orange	 20-23	
				Colour 6: Blue	 24-27	
				Colour 7: Red	 28-31	
				Colour indexing	32-127	
				Forward rainbow effect from fast to slow	128-189	
				No rotation	190-193	
Backwards rainbow effect from slow to fast	194-255					
	17		Colour Wheel Fine	0-255	0	
12	14	18	Cyan Colour (0-white, 255-100% Cyan)	0-255	0	
	19		Cyan Colour Fine	0-255	0	

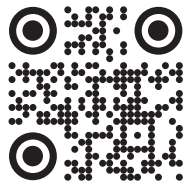
Mode/Channel			Function	Value	Default Value	
Ba	Std	Ex				
13	15	20	Magenta Colour (0-white, 255-100% magenta)	0-255	0	
		21	Magenta Colour Fine	0-255	0	
14	16	22	Yellow Colour (0-white, 255-100% Yellow)	0-255	0	
		23	Yellow Colour Fine	0-255	0	
15	17	24	CTO Colour (0-white, 255-100% CTO)	0-255	0	
		25	CTO Colour Fine	0-255	0	
16	18	26	Rotating Gobo Wheel	Open	0-9	0
				Rot. gobo 1: Bold Line	 10-19	
				Rot. gobo 2: Four Lines	 20-29	
				Rot. gobo 3: Triangle Beam	 30-39	
				Rot. gobo 4: Square Beam	 40-49	
				Rot. gobo 5: Dot Ring 6	 50-59	
				Rot. gobo 6: Dot Line 4	 60-69	
				Rot. gobo 7: Bubble Light	 70-77	
				Gobo 1 shake slow to fast	78-93	
				Gobo 2 shake slow to fast	94-109	
				Gobo 3 shake slow to fast	110-125	
				Gobo 4 shake slow to fast	126-141	
				Gobo 5 shake slow to fast	142-157	
				Gobo 6 shake slow to fast	158-173	
				Gobo 7 shake slow to fast	174-189	
				Gobo wheel rotation forwards from fast to slow	190-221	
				No rotation	222-223	
				Gobo wheel rotation backwards from slow to fast	224-255	
17	19	27	Rotating Gobo Wheel, Index, Rotation	Gobo indexing	0-127	0
				Forwards gobo rotation from fast to slow	128-189	
				No rotation	190-193	
				Backwards gobo rotation from slow to fast	194-255	
	28		Rotating Gobo Wheel Index, Rotation Fine	0-255	0	
18	20	29	Iris	Max. diameter to Min. diameter	0-191	0
				Pulse closing fast to slow	192-223	
				Pulse opening slow to fast	224-255	
	30		Iris Fine	0-255	0	
19	21	31	Frost: 0-100% Frost	0-255	0	
20	22	32	Blade 1A: Open to Close	0-255	0	
		33	Blade 1A Fine: Open to Close Fine	0-255	0	
21	23	34	Blade 1B: Open to Close	0-255	0	
		35	Blade 1B Fine: Open to Close Fine	0-255	0	
22	24	36	Blade 2A: Open to Close	0-255	0	
		37	Blade 2A Fine: Open to Close Fine	0-255	0	
23	25	38	Blade 2B: Open to Close	0-255	0	

Mode/Channel	Function	Value	Default Value
39	Blade 2B Fine: Open to Close Fine	0-255	0
24 26 40	Blade 3A: Open to Close	0-255	0
41	Blade 3A Fine: Open to Close Fine	0-255	0
25 27 42	Blade 3B: Open to Close	0-255	0
43	Blade 3B Fine: Open to Close Fine	0-255	0
26 28 44	Blade 4A: Open to Close	0-255	0
45	Blade 4A Fine: Open to Close Fine	0-255	0
27 29 46	Blade 4B: Open to Close	0-255	0
47	Blade 4B Fine: Open to Close Fine	0-255	0
28 30 48	All Blade Rotation	0-255	128
49	All Blade Rotation Fine	0-255	0
29 31 50	Control, Reset, Internal Programs	unused	0-4
		Display Off	5-9
		Display On	10-14
		Display Invert Off	15-19
		Display Invert On	20-24
		Auto fan control mode	25-26
		Stage fan control mode	27-28
		Silence fan control mode	29-30
		Super Silence fan control mode	31-32
		Constant Fans Off	33-34
		Constant Fans On	35-36
		unused	37-44
		Square Law	45-49
		Linear	50-54
		1.2 K	55-58
		2.4 K	59-62
		16 K	63-66
		25 K	67-69
		Gobo correction Off	70-74
		Gobo correction On	75-79
		All motor reset	80-84
		Scan motor reset	85-87
		Colours motor reset	88-90
Gobo motor reset	91-93		
unused	94-96		
Other motor reset	97-99		
Internal program 1 (scene 1-8 of EEPROM)	100-119		
Internal program 2 (scene 9-16 of EEPROM)	120-139		
Internal program 3 (scene 17-24 of EEPROM)	140-159		

Mode/Channel	Function	Value	Default Value
29 31 50	Control, Reset, Internal Programs	Internal program 4 (scene 25-32 of EEPROM)	160-179
		Internal program 5 (scene 33-40 of EEPROM)	180-199
		Internal program 6 (scene 41-48 of EEPROM)	200-219
		Internal program 7 (scene 49-56 of EEPROM)	220-239
		Internal program 8 (scene 49-56 of EEPROM)	240-255

Errors and omissions for all information given in this DMX chart are possible. All information is subject to change without prior notice.





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