
























## DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (58DMX 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
				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
				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	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	Auto Focus	Auto Focus Off	0-50
				5 m	51-100
				7,5 m	101-150
				10 m	151-200
				15 m	201-255
12	14	17	Auto Focus Fine	0-255	0
13	15	18	Colour Wheel	Open/white	0-3
				Colour 1: CRI Filter 	4-7
				Colour 2: Congo Blue 	8-11
				Colour 3: Green 	12-15
				Colour 4: Orange 	16-19
				Colour 5: Light Blue 	20-23
				Colour 6: Red 	24-27
				Colour indexing	28-127
			Forward rainbow effect from fast to slow	128-189	

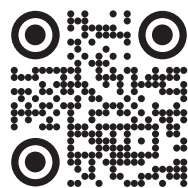
Mode/Channel			Function	Value	Default Value
Ba	Std	Ex			
13	15	18	Colour Wheel	No rotation	190-193
				Backwards rainbow effect from slow to fast	194-255
		19	Colour Wheel Fine	0-255	0
14	16	20	Cyan Colour (0-white, 255-100% Cyan)	0-255	0
		21	Cyan Colour Fine	0-255	0
15	17	22	Magenta Colour (0-white, 255-100% magenta)	0-255	0
		23	Magenta Colour Fine	0-255	0
16	18	24	Yellow Colour (0-white, 255-100% Yellow)	0-255	0
		25	Yellow Colour Fine	0-255	0
17	19	26	CTO Colour (0-white, 255-100% CTO)	0-255	0
		27	CTO Colour Fine	0-255	0
18	20	28	Rotating Gobo Wheel	Open	0-9
				Rot. gobo 1: Dot Line 11 	10-19
				Rot. gobo 2: Star Dust 	20-29
				Rot. gobo 3: Nested Triangle 	30-39
				Rot. gobo 4: Infinite Stairs 	40-49
				Rot. gobo 5: Vortex 	50-59
				Rot. gobo 6: Black & White Target 	60-69
				Rot. gobo 7: Nested Rings Yellow 	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	
19	21	29	Rotating Gobo Wheel Index, Rotation	Gobo indexing	0-127
				Forwards gobo rotation from fast to slow	128-189
				No rotation	190-193
			Backwards gobo rotation from slow to fast	194-255	
		30	Rotating Gobo Wheel Index, Rotation Fine	0-255	0
20	22	31	Static Gobo Wheel	Open	0-21
				Gobo 1: Conical Tunnel Effect 	22-31
				Gobo 2: Smoke Rings 	32-41
				Gobo 3: Fireworks 	42-51
				Gobo 4: Abstract Square 	52-61
				Gobo 5: Iron Filings 	62-71

Mode/Channel	Function		Value	Default Value	
20	22	31	Static Gobo Wheel	Gobo 6: Lost In The Brain  72-81	0
				Gobo 7: Deep Forest  82-91	
				Gobo 8 : Tree Bark  92-101	
				Gobo 1 shake slow to fast 102-112	
				Gobo 2 shake slow to fast 113-123	
				Gobo 3 shake slow to fast 124-134	
				Gobo 4 shake slow to fast 135-145	
				Gobo 5 shake slow to fast 146-156	
				Gobo 6 shake slow to fast 157-167	
				Gobo 7 shake slow to fast 168-178	
				Gobo 8 shake slow to fast 179-189	
				Clock-wise scroll from fast to slow 190-221	
				Reserved 222-223	
				Counter clock-wise scroll from slow to fast 224-255	
				21	
Forwards rotation from fast to slow 8-127					
No rotation  128-135					
Backwards rotation from slow to fast 136-255					
22	24	33	Iris	Max. diameter to Min.diameter 0-191	0
				Pulse closing fast to slow 192-223	
				Pulse opening slow to fast 224-255	
		34	Iris Fine		
23	25	35	Prism	Open 0-127	0
				5-facet circular prism  128-255	
24	26	36	Prism Index, Rotation	Prism indexing 0-127	0
				Forwards prism rotation from fast to slow 128-189	
				No rotation 190-193	
				Backwards prism rotation from slow to fast 194-255	
		37	Prism 1 Index, Rotation Fine	0-255	0
25	27	38	Frost 1: 0-100%	0-255	0
26	28	39	Frost 2: 0-100%	0-255	0
27	29	40	Blade 1A: Open to Close	0-255	0
		41	Blade 1A Fine: Open to Close Fine	0-255	0
28	30	42	Blade 1B: Open to Close	0-255	0
		43	Blade 1B Fine: Open to Close Fine	0-255	0
29	31	44	Blade 2A: Open to Close	0-255	0
		45	Blade 2A Fine: Open to Close Fine	0-255	0
30	32	46	Blade 2B: Open to Close	0-255	0
		47	Blade 2B Fine: Open to Close Fine	0-255	0
31	33	48	Blade 3A: Open to Close	0-255	0
		49	Blade 3A Fine: Open to Close Fine	0-255	0
32	34	50	Blade 3B: Open to Close	0-255	0

Mode/Channel	Function		Value	Default Value	
	51	Blade 3B Fine: Open to Close Fine	0-255	0	
33	35	52 Blade 4A: Open to Close	0-255	0	
	53	Blade 4A Fine: Open to Close Fine	0-255	0	
34	36	54 Blade 4B: Open to Close	0-255	0	
	55	Blade 4B Fine: Open to Close Fine	0-255	0	
35	37	56 All Blade Rotation	0-255	128	
	57	All Blade Rotation Fine	0-255	0	
36	38	58	Control, Reset, Internal Programs	unused 0-9	0
				Display Off 10-14	
				Display On 15-19	
				Display Invert Off 20-24	
				Display Invert On 25-29	
				Auto fan control mode 30-31	
				Stage fan control mode 32-33	
				Silence fan control mode 34-35	
				Super Silence fan control mode 36-37	
				Constant Fans Off 38-39	
				Constant Fans On 40-41	
				unused 42-49	
				Square Law 50-52	
				Linear 53-55	
				Ex Square Law 56-59	
				1.2 K 60-63	
				2.4 K 64-67	
				16 K 68-71	
				25 K 72-74	
				Gobo correction Off 75-76	
Gobo correction On 77-79					
All motor reset 80-84					
Scan motor reset 85-87					
Colours motor reset 88-90					
Gobo motor reset 91-93					
unused 94					
Reset P/T Fade Off 95					
Reset P/T Fade On 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					
Internal program 4 (scene 25-32 of EEPROM) 160-179					

Mode/ Channel			Function	Value	Default Value	
36	38	58	Control, Reset, Internal Programs	Internal program 5 (scene 33~40 of EEPROM)	180-199	0
			Internal program 6 (scene 41~48 of EEPROM)	200-219		
			Internal program 7 (scene 49~56 of EEPROM)	220-239		
			Internal program 8 (scene 57~64 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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