


















DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (34/36/65 DMX CHANNELS) - V203

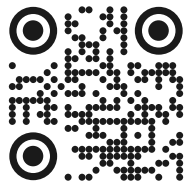
Mode/Channel			Function	Value	Default Value	
Ba	Std	Ex				
1	1	1	PAN Movement 8bit	0-255	128	
	2	2	Pan Fine 16bit: Fine control of Pan movement	0-255	0	
2	3	3	TILT Movement 8bit	0-255	128	
	4	4	Tilt Fine 16bit: Fine control of Tilt movement	0-255	0	
3	5	5	Speed Pan/Tilt Movement	Max to min speed	0-225	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	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	13	Zoom Fine	0-255	0	
10	12	14	Focus: From near to far	0-255	128	
	15	15	Focus Fine	0-255	0	
11	13	16	Auto Focus	Auto Focus Off	0-50	0
				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	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	

Mode/Channel			Function	Value	Default Value	
Ba	Std	Ex				
13	15	18	Colour Wheel	Forwards rainbow effect from fast to slow	128-189	0
				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	0
				Rot. gobo 1: Dot Line 11	 10-19	
				Rot. gobo 2: Starfield	 20-29	
				Rot. gobo 3: Nested Triangle	 30-39	
				Rot. gobo 4: Tourbillon	 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	0
				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 Index, Rotation Fine	0-255	0	
20	22	31	Animation Wheel	Open	 0-7	0
				Forwards rotation from fast to slow	8-127	
				No rotation	 128-135	
			Backwards rotation from slow to fast	136-255		

Mode/Channel	Function	Value	Default Value	
21 23 32	Iris	Max. diameter to Min.diameter	0-191	0
		Pulse closing fast to slow	192-223	
		Pulse opening slow to fast	224-255	
	33 Iris Fine	0-255	0	
22 24 34	Prism	Open	0-127	0
		Prism : 5-facet circular 	128-255	
23 25 35	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	
	36 Prism Index, Rotation Fine	0-255	0	
24 26 37	Frost: 0-100% Frost	0-255	0	
25 27 38	Blade 1A: Open to Close	0-255	0	
	39 Blade 1A Fine: Open to Close Fine	0-255	0	
26 28 40	Blade 1B: Open to Close	0-255	0	
	41 Blade 1B Fine: Open to Close Fine	0-255	0	
27 29 42	Blade 2A: Open to Close	0-255	0	
	43 Blade 2A Fine: Open to Close Fine	0-255	0	
28 30 44	Blade 2B: Open to Close	0-255	0	
	45 Blade 2B Fine: Open to Close Fine	0-255	0	
29 31 46	Blade 3A: Open to Close	0-255	0	
	47 Blade 3A Fine: Open to Close Fine	0-255	0	
30 32 48	Blade 3B: Open to Close	0-255	0	
	49 Blade 3B Fine: Open to Close Fine	0-255	0	
31 33 50	Blade 4A: Open to Close	0-255	0	
	51 Blade 4A Fine: Open to Close Fine	0-255	0	
32 34 52	Blade 4B: Open to Close	0-255	0	
	53 Blade 4B Fine: Open to Close Fine	0-255	0	
33 35 54	All Blade Rotation	0-255	128	
	55 All Blade Rotation Fine	0-255	0	
34 36 56	Control, Reset, Internal Programs	unused	0-4	0
		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	

Mode/Channel	Function	Value	Default Value	
34 36 56	Control, Reset, Internal Programs	unused	37-44	0
		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	
		Prerig INIT Off	100-102	
		Prerig INIT On	103-105	
		unused	106-108	
		unused	109-111	
		Tilt Degree 270°	112-114	
		Tilt Degree 180°	115-117	
		Tilt Degree 190°	118-120	
		Tilt Degree 200°	121-123	
Tilt Degree 210°	124-126			
Tilt Degree 220°	127-129			
Tilt Degree 230°	130-132			
unused	132-255			

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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