



















DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (52DMX CHANNELS) - V221

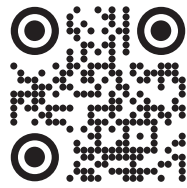
Mode/Channel			Function	Value	Default Value
Ba	Std	Ex			
1	1	1	PAN Movement 8bit	0-255	128
	2	2	Pan Fine 16bit: Fine control of Pan movement	0-255	0
2	3	3	TILT Movement 8bit	0-255	128
	4	4	Tilt Fine 16bit: Fine control of Tilt movement	0-255	0
3	5	5	Speed Pan/Tilt movement	Max to min speed	0-225
				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		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 1	Open/white	0-3
				Colour 1 : 1/2 Minus Green	 4-7
				Colour 2 : 1/4 Minus Green	 8-11
				Colour 3 : Pink	 12-15
				Colour 4 : 1/4 CTO	 16-19
				Colour 5 : 1/2 CTB	 20-23
				Colour 6 : 1/4 CTB	 24-27
				Colour indexing	28-127
				Forwards rainbow effect from fast to slow	128-189
				No rotation	190-193
				Backwards rainbow effect from slow to fast	194-255
	17			Colour Wheel 1 Fine	0-255
12	14	18	Colour Wheel 2	Open/white	0-3
				Colour 1: Magenta	 4-7
				Colour 2: Congo Blue	 8-11

Mode/Channel			Function	Value	Default Value
Ba	Std	Ex			
			Colour 3: Green	 12-15	
			Colour 4: Orange	 16-19	
			Colour 5: Blue	 20-23	
			Colour 6: Red	 24-27	
12	14	18	Colour Wheel 2	Colour indexing	28-127
				Forward rainbow effect from fast to slow	128-189
				No rotation	190-193
				Backwards rainbow effect from slow to fast	194-255
	19			Colour Wheel 2 Fine	0-255
13	15	20	Cyan Colour (0-white, 255-100% Cyan)	0-255	0
		21	Cyan Colour Fine	0-255	0
14	16	22	Magenta Colour (0-white, 255-100% magenta)	0-255	0
		23	Magenta Colour Fine	0-255	0
15	17	24	Yellow Colour (0-white, 255-100% Yellow)	0-255	0
		25	Yellow Colour Fine	0-255	0
16	18	26	CTO Colour (0-white, 255-100% CTO)	0-255	0
		27	CTO Colour Fine	0-255	0
17	19	28	Rotating Gobo Wheel	Open	0-9
				Rot. gobo 1: Bold Line	 10-23
				Rot. gobo 2: Four Lines	 24-37
				Rot. gobo 3: Triangle Beam	 38-51
				Rot. gobo 4: Square Beam	 52-65
				Rot. gobo 5: Dot Ring 6	 66-79
				Rot. gobo 6: Half Beam	 80-93
				Gobo 1 shake slow to fast	94-109
				Gobo 2 shake slow to fast	110-125
				Gobo 3 shake slow to fast	126-141
				Gobo 4 shake slow to fast	142-157
				Gobo 5 shake slow to fast	158-173
			Gobo 6 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	
			Gobo indexing	0-127	
18	20	29	Rotating Gobo Wheel Index, Rotation	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

Mode/Channel			Function	Value	Default Value	
19	21	31	Iris	Max. diameter to Min. diameter	0-191	0
			Pulse closing fast to slow	192-223		
			Pulse opening slow to fast	224-255		
		32	Iris Fine	0-255	0	
20	22	33	Frost 0-100%	0-255	0	
21	23	34	Blade 1A: Open to Close	0-255	0	
		35	Blade 1A Fine: Open to Close Fine	0-255	0	
22	24	36	Blade 1B: Open to Close	0-255	0	
		37	Blade 1B Fine: Open to Close Fine	0-255	0	
23	25	38	Blade 2A: Open to Close	0-255	0	
		39	Blade 2A Fine: Open to Close Fine	0-255	0	
24	26	40	Blade 2B: Open to Close	0-255	0	
		41	Blade 2B Fine: Open to Close Fine	0-255	0	
25	27	42	Blade 3A: Open to Close	0-255	0	
		43	Blade 3A Fine: Open to Close Fine	0-255	0	
26	28	44	Blade 3B: Open to Close	0-255	0	
		45	Blade 3B Fine: Open to Close Fine	0-255	0	
27	29	46	Blade 4A: Open to Close	0-255	0	
		47	Blade 4A Fine: Open to Close Fine	0-255	0	
28	30	48	Blade 4B: Open to Close	0-255	0	
		49	Blade 4B Fine: Open to Close Fine	0-255	0	
29	31	50	All Blade Rotation : +/- 45°	0-255	128	
		51	All Blade Rotation Fine	0-255	0	
30	32	52	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	50-54	
				Linear	55-59	
				1.2 K	60-63	
2.4 K	64-67					
16 K	68-71					

Mode/Channel			Function	Value	Default Value	
30	32	52	Control, Reset, Internal Programs	25 K	72-74	0
				unused	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	
				Pan/Tilt Spd Fast	100-102	
				Pan/Tilt Spd Medium	103-105	
				Pan/Tilt Spd Slow	106-108	
				Pan/Tilt Spd FS Mode	109-111	
				unused	112-255	

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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