

DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (34/36/65 DMX CHANNELS) - V231

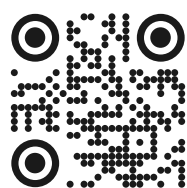
Mode/ Channel			Function	Value	Default Value
Ba	Std	Ex			
1	1	1	PAN Movement 8bit	0-255	128
	2	2	Pan Fine 16bit: Fine control of Pan movement	0-255	0
2	3	3	TILT Movement 8bit	0-255	128
	4	4	Tilt Fine 16bit: Fine control of Tilt movement	0-255	0
3	5	5	Speed Pan/Tilt Movement	Max to min speed	0-225
				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	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: 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
				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: 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
				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
				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
				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
				Prism : 5-facet circular 	128-255
23	25	35	Prism Index, Rotation	Prism indexing	0-127
				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
				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
				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
				Pan Degree 540°	133-135
				Pan Degree 630°	136-138
				Pan/Tilt Speed Slow	139-141
				Pan/Tilt Speed Medium	142-144
				Pan/Tilt Speed Fast	145-147
				Pan/Tilt Speed FS Mode	148-150
				unused	151-255

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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