DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (64DMX CHANNELS) - V221

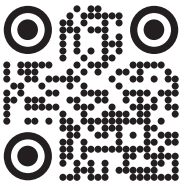
Mode/ Channel			Function		Value	Default Value
Ba	Std	Ex				
1	1	1	**PAN Movement 8bit**		0-255	128
	2	2	**Pan Fine 16bit**: Fine control of Pan movement		0-255	0
2	3	3	**TILT Movement 8bit**		0-255	128
	4	4	**Tilt Fine 16bit**: Fine control of Tilt movement		0-255	0
3	5	5	**Speed Pan/Tilt Movement**	Max to min speed	0-225	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	**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: Magenta	4-17	
				Colour 2: Congo Blue	8-11	
				Colour 3: Green	12-15	
				Colour 4: Orange	16-19	
				Colour 5: Blue	20-23	
				Colour 6: Red	24-27	
				Colour indexing	28-127	
				Forward rainwbow effect from fast to slow	128-189	
				No rotation	190-193	
				Backwards rainwbow effect from slow to fast	194-255	
		19	**Colour Wheel Fine**		0-255	0
14	16	20	**CTB/CRI**	Open	0-63	0
				CTB 1/4	64-127	
				CRI Minus Green 1/2	128-255	
15	17	21	**Cyan Colour** (0-white, 255-100% Cyan)		0-255	0
		22	**Cyan Colour Fine**		0-255	0
16	18	23	**Magenta Colour** (0-white, 255-100% magenta)		0-255	0
		24	**Magenta Colour Fine**		0-255	0
17	19	25	**Yellow Colour** (0-white, 255-100% Yellow)		0-255	0
		26	**Yellow Colour Fine**		0-255	0
18	20	27	**CTO Colour** (0-white, 255-100% CTO)		0-255	0
		28	**CTO Colour Fine**		0-255	0
19	21	29	**Rotating Gobo Wheel 1**	Open	0-9	0
				Rot. gobo 1: Star Dust	10-23	
				Rot. gobo 2: Nested Triangle	24-37	
				Rot. gobo 3: Infinite Stairs	38-51	
				Rot. gobo 4: Vortex	52-65	
				Rot. gobo 5: Black & White Target	66-79	
				Rot. gobo 6: Nested Rings Yellow	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	
20	22	30	**Rotating Gobo Wheel 1 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	
		31	**Rotating Gobo Wheel 1 Index, Rotation Fine**		0-255	0
21	23	32	**Rotating Gobo Wheel 2**	Open	0-9	0
				Rot. gobo 1: Dot Line 11	10-23	
				Rot. gobo 2: Smoke Rings	24-37	
				Rot. gobo 3: Fireworks	38-51	
				Rot. gobo 4: Iron Filings	52-65	

Mode/ Channel			Function		Value	Default Value
21	23	32	Rotating Gobo Wheel 2	Rot. gobo 5: Deep Forest 	66-79	0
				Rot. gobo 6: Tree Bark 	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	
22	24	33	Rotating Gobo Wheel 2 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	
		34	**Rotating Gobo Wheel Index, Rotation Fine**		0-255	0
23	25	35	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	
24	26	36	Iris	Max. diameter to Min. diameter	0-191	0
				Pulse closing fast to slow	192-223	
				Pulse opening slow to fast	224-255	
		37	**Iris Fine**		0-255	0
25	27	38	Prism 1	Open	0-127	0
				5-facet circular 	128-255	
26	28	39	Prism 1 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	
		40	**Prism 1 Index, Rotation Fine**		0-255	0
27	29	41	Prism 2	Open	0-127	0
				4-facet linear 	128-255	
28	30	42	Prism 2 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	
		43	**Prism 2 Index, Rotation Fine**		0-255	0
29	31	44	**Frost 1 Light 1°**: 0-100%		0-255	0

Mode/ Channel			Function		Value	Default Value
30	32	45	**Frost 2 Heavy 5°**: 0-100%		0-255	0
31	33	46	**Blade 1A**: Open to Close		0-255	0
		47	**Blade 1A Fine**: Open to Close Fine		0-255	0
32	34	48	**Blade 1B**: Open to Close		0-255	0
		49	**Blade 1B Fine**: Open to Close Fine		0-255	0
33	35	50	**Blade 2A**: Open to Close		0-255	0
		51	**Blade 2A Fine**: Open to Close Fine		0-255	0
34	36	52	**Blade 2B**: Open to Close		0-255	0
		53	**Blade 2B Fine**: Open to Close Fine		0-255	0
35	37	54	**Blade 3A**: Open to Close		0-255	0
		55	**Blade 3A Fine**: Open to Close Fine		0-255	0
36	38	56	**Blade 3B**: Open to Close		0-255	0
		57	**Blade 3B Fine**: Open to Close Fine		0-255	0
37	39	58	**Blade 4A**: Open to Close		0-255	0
		59	**Blade 4A Fine**: Open to Close Fine		0-255	0
38	40	60	**Blade 4B**: Open to Close		0-255	0
		61	**Blade 4B Fine**: Open to Close Fine		0-255	0
39	41	62	**All Blade Rotation**		0-255	128
		63	**All Blade Rotation Fine**		0-255	0
40	42	64	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	
				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	

Mode/ Channel			Function		Value	Default Value
40	42	64	Control, Reset, Internal Programs	Gobo motor reset	91-93	0
				unused	94-96	
				Other motor reset	97-99	
				Prerig INIT Off	100-102	
				Prerig INIT On	103-105	
				CMY speed 1	106-108	
				CMY speed 2	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	133-141	
				Pan/Tilt Spd Fast	142-144	
				Pan/Tilt Spd Medium	145-147	
				Pan/Tilt Spd Slow	148-150	
				Pan/Tilt Spd FS Mode	151-153	
				unused	154-255	

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



SCAN FOR MORE

www.ayrton.eu

AYRTON

Digital Lighting