DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (14/30 DMX CHANNELS) - V1

Mode/ Channel		Function		Value	Default Value
Std	Ex				
1	1	**PAN Movement 8bit**		0-255	128
2	2	**Pan Fine 16bit**: Fine control of Pan movement		0-255	0
3	3	**TILT Movement 8bit**		0-255	128
4	4	**Tilt Fine 16bit**: Fine control of Tilt movement		0-255	0
5	5	**Speed Pan/Tilt Movement**	Max to min speed	0-225	0
			Blackout by movement	226-235	
			No function	236-255	
	15	**White LED-Array 1:** White 1 (0-Black , 255-100% White)		0-255	255
	16	**White LED Fine-Array 1:** Fine control for white 1 adjustment		0-255	255
	17	**White LED-Array 2:** White 2 (0-Black , 255-100% White)		0-255	255
	18	**White LED Fine-Array 2:** Fine control for white 2 adjustment		0-255	255
	19	**White LED-Array 3:** White 3 (0-Black , 255-100% White)		0-255	255
	20	**White LED Fine-Array 3:** Fine control for white 3 adjustment		0-255	255
	21	**White LED-Array 4:** White 4 (0-Black , 255-100% White)		0-255	255
	22	**White LED Fine-Array 4:** Fine control for white 4 adjustment		0-255	255
	23	**White LED-Array 5:** White 5 (0-Black , 255-100% White)		0-255	255
	24	**White LED Fine-Array 5:** Fine control for white 5 adjustment		0-255	255
	25	**White LED-Array 6:** White 6 (0-Black , 255-100% White)		0-255	255
	26	**White LED Fine-Array 6:** Fine control for white 6 adjustment		0-255	255
	27	**White LED-Array 7:** White 7 (0-Black , 255-100% White)		0-255	255
	28	**White LED Fine-Array 7:** Fine control for white 7 adjustment		0-255	255
	29	**White LED-Array 8:** White 8 (0-Black , 255-100% White)		0-255	255
	30	**White LED Fine-Array 8:** Fine control for white 8 adjustment		0-255	255
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	
7	7	**Dimmer Intensity**: from 0 to 100%		0-255	0
8	8	**Dimmer Intensity Fine**		0-255	0

Mode/ Channel		Function		Value	Default Value
9	9	**Chase Patterns**	Led turn off	0-15	0
			Chase 1	16-31	
			Chase 2	32-47	
			Chase 3	48-63	
			Chase 4	64-79	
			Chase 5	80-95	
			Chase 6	96-111	
			Chase 7	112-117	
			Chase 8	128-143	
			Chase 9	144-159	
			Chase 10	160-175	
			Chase 11	176-191	
			Chase 12	192-207	
			Chase 13	208-223	
			Chase 14	224-239	
			Chase 15	240-255	
10	10	**Chase Speed**	Fast to Slow Backward	0-125	0
			Stop (Speed=0)	126-130	
			Slow to Fast Forward	131-255	
11	11	**Chase Fade**			0
12	12	**Zoom**			128
13	13	**Zoom Fine**			0
14	14	**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	
			Reserved	37-44	
			Square Law	45-49	
			Linear	50-54	
			1.2 K	55-57	
			2.4 K	58-60	
			16 K	61-63	
			25 K	64-69	
			Reserved	70-79	
			All motor reset	80-84	

Mode/ Channel		Function		Value	Default Value
14	14	Reset, internal programs	P/T motor reset	85-87	
			Zoom motor reset	88-90	
			Reserved	91-255	

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