



AYRTON
Digital Lighting

MINIBURST DMX CHART

DMX channel's functions and their values (59 DMX channels):

DMX channel's functions and their values (59 DMX channels):					
Mode/Channel				Value	Function
St	Ba	Ex	ExLow		
1	1	1	1		PAN Movement 8bit :
				0-255	Pan Movement
2		2	2		Pan Fine 16bit
				0-255	Fine control of Pan movement
3	2	3	3		TILT Movement 8bit :
				0-255	Tilt Movement
4		4	4		Tilt Fine 16bit
				0-255	Fine control of Tilt movement
5	3	5	5		Speed Pan/Tilt movement:
				0-225	max to min speed
				226-235	blackout by movement
				236-255	no function
6	4	6	6		Pan Motor continuous rotation
				0-127	no function
				128-189	Forwards Pan rotation from fast to slow
				190-193	No rotation
7	5	7	7		Tilt Motor continuous rotation
				0-127	no function
				128-189	Forwards Tilt rotation from fast to slow
				190-193	No rotation
8	6				Dimmer intensity:
				0-255	Intensity 0 to 100%
					Duration:
				0-255	duration from 2msec to 600msec
9	7		8		Rate:
				0-5	LED off
				6-255	from 1 flash every 4 sec to 25 flashes every sec
				A10	Chase Patterns:
10	8		9	0-9	LED off
				10	Chase 1
				14	Chase 2
				18	Chase 3
				22	Chase 4
				26	Chase 5
				30	Chase 6
				34	Chase 7
				38	Chase 8
				42	Chase 9
				46	Chase 10
				50	Chase 11
				54	Chase 12
				58	Chase 13
				62	Chase 14
				66	Chase 15
				70	Chase 16
				74	Chase 17
				78	Chase 18
				82	Chase 19
				86	Chase 20
				90	Chase 21
				94	Chase 22
98	Chase 23				

11	9	8	10	102	Chase 24
				106	Chase 25
				110	Chase 26
				114	Chase 27
				118	Chase 28
				122	Chase 29
				126	Chase 30
				130	Chase 31
				134	Chase 32
				138	Chase 33
				142	Chase 34
				146	Chase 35
				150	Chase 36
				154	Chase 37
				158	Chase 38
				162	Chase 39
				166	Chase 40
				170	Chase 41
				174	Chase 42
				178	Chase 43
				182	Chase 44
				186	Chase 45
				190	Chase 46
				194	Chase 47
				198	Chase 48
				202	Chase 49
				206	Chase 50
				210	Chase 51
214	Chase 52				
218	Chase 53				
222	Chase 54				
226	Chase 55				
230	Chase 56				
234	Chase 57				
	238-255	Reserved			
12	10	9	11		Chase Speed:
				0-125	Fast to Slow Backward
				126-130	Stop(Speed=0)
13	11	10	12		Chase Fade:
				0-255	Fade Chase
					Dimmer intensity Section 1:
		12	14	0-255	Intensity 0 to 100%
		13			Duration Section 1:
				0-255	duration from 2msec to 600msec
		14			Rate Section 1:
				0-5	LED off
				6-255	from 1 flash every 4 sec to 25 flashes every sec

		57	29		Dimmer intensity section 16:
				0-255	Intensity 0 to 100%
		58			Duration section 16:
				0-255	duration from 2msec to 600msec
		59			Rate section 16:
				0-5	LED off
				6-255	from 1 flash every 4 sec to 25 flashes every sec
14	12	11	13		Reset, internal programs:
				0-79	Normal
				80-84	All motor reset
				85-87	Scan motor reset
				88-90	no function
				91-93	no function
				94-96	no function
				97-99	no function
				100-119	Internal program 1 (scene1~8 of EEPROM)
				120-139	Internal program 2 (scene9~16 of EEPROM)
				140-159	Internal program 3 (scene17~24 of EEPROM)
				160-179	Internal program 4 (scene25~32 of EEPROM)
				180-199	Internal program 5 (scene33~40 of EEPROM)
200-219	Internal program 6 (scene41~48 of EEPROM)				
220-239	Internal program 7 (scene49~56 of EEPROM)				
240-255	Internal program 8 (scene57~64 of EEPROM)				