

CHANNEL FUNCTION

ALPHA WASH 700

CHANNEL	CHANNEL MODE	
	STANDARD	VECTOR
1	CYAN	CYAN
2	MAGENTA	MAGENTA
3	YELLOW	YELLOW
4	CTO	CTO
5	COLOUR WHEEL	COLOUR WHEEL
6	STOP / STROBE	STOP / STROBE
7	DIMMER	DIMMER
8	DIMMER FINE	DIMMER FINE
9	BEAM SHAPER INSERTION	BEAM SHAPER INSERTION
10	BEAM SHAPER ROTATION	BEAM SHAPER ROTATION
11	ZOOM	ZOOM
12	PAN	PAN
13	PAN FINE	PAN FINE
14	TILT	TILT
15	TILT FINE	TILT FINE
16	FUNCTION	FUNCTION
17	RESET	RESET
18	LAMP CONTROL (with Option "Lamp Dmx" ON)	LAMP CONTROL (with Option "Lamp Dmx" ON)
19		PAN - TILT TIME
20		COLOUR TIME
21		BEAM TIME

• COLOUR MIXING - channel 1 - 2 - 3

Operation with option color mixing: RGB



BIT	%	EFFECT
255	100	COLOUR EXCLUDED
0	0.0	COLOUR INSERTED

IMPORTANT: The lamp dim to half power 1 second after all the 3 channels stay at 0% level. The lamp goes back to full power when the channels level is put higher than 0%.

Operation with option color mixing: CMY



BIT	%	EFFECT
255	100	COLOUR INSERTED
0	0.0	COLOUR EXCLUDED

IMPORTANT: The lamp dim to half power 1 second after all the 3 channels stay at 100% level. The lamp goes back to full power when the channels level is put lower than 100%.

• C.T.O. - channel 4



BIT	%	EFFECT
255	100	FILTER INSERTED
0	0.0	FILTER EXCLUDED

• COLOUR WHEEL - channel 5



BIT	%	EFFECT
255	100	FAST ROTATION (160 rpm)
128	50.0	SLOW ROTATION (0.2 rpm)
127	49.7	BLUE + WHITE
120	47.0	BLUE
112	44.0	ORANGE + BLUE
105	41.2	ORANGE
97	38.0	AQUAMARINE + ORANGE
90	35.0	AQUAMARINE
82	32.0	LAVENDER + AQUAMARINE
75	29.5	LAVENDER
67	26.2	LIGHT GREEN + LAVENDER
60	23.7	LIGHT GREEN
52	20.5	GREEN + LIGHT GREEN
45	17.5	GREEN
37	14.2	CTB + GREEN
30	11.7	CTB
22	8.7	RED + CTB
15	6.0	RED
8	3.2	WHITE + RED
0	0.0	WHITE

• STOP / STROBE - channel 6



BIT	%	EFFECT
252 - 255	98.7 - 100	OPEN
239 - 251	93.7 - 98.2	RANDOM FAST STROBE
226 - 238	88.7 - 93.2	RANDOM MEDIUM STROBE
213 - 225	83.7 - 88.2	RANDOM SLOW STROBE
208 - 212	81.7 - 83.2	OPEN
207	81.2	FAST PULSATION
108	42.5	SLOW PULSATION
104 - 107	41.0 - 42.0	OPEN
103	40.5	FAST STROBE (12 flash/sec)
4	1.7	SLOW STROBE (1 flash/sec)
0 - 3	0.0 - 1.2	CLOSED

IMPORTANT: The lamp dim to half power 1 second after the channel stay at 0% level. The lamp goes back to full power when the channel level is put higher than 0%.

• DIMMER - channel 7



BIT	%	EFFECT
255	100	
0	0.0	

The lamp is linearly dimmed from full power to half power electronically and mechanically from half power to off.

• DIMMER FINE - channel 8



BIT	%	EFFECT
255	100	
0	0.0	

• BEAM SHAPER INSERTION - channel 9



BIT	%	EFFECT
170-255	66.7-100	SHAPER 2
85-169	33.2-66.2	SHAPER 1
0 - 84	0.0 - 33.0	WHITE

• BEAM SHAPER ROTATION - channel 10



BIT	%	EFFECT
255	100	FAST ROTATION (120 rpm)
193	75.5	SLOW ROTATION (3 rph)
191 - 192	74.7 - 75.0	STOP
190	74.2	SLOW ROTATION (3 rph)
128	50.0	FAST ROTATION (120 rpm)
127	49.7	POSITION 540°
105	41.7	POSITION 450°
84	33.0	POSITION 360°
63	24.7	POSITION 270°
42	16.2	POSITION 180°
21	8.2	POSITION 90°
0	0.0	POSITION 0°

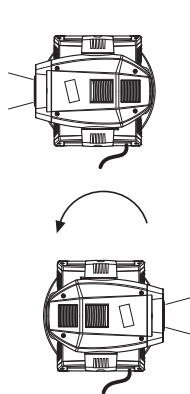
• ZOOM - channel 11



BIT	%	EFFECT
255	100	WIDE BEAM
0	0.0	NARROW BEAM

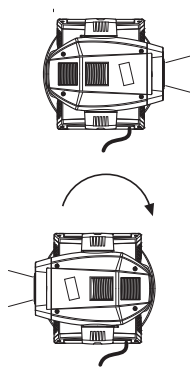
• PAN - channel 12

Operation with option InvertPan $\diamond$ Off
(Tilt conventionally represented at 14% and option Invert Tilt $\diamond$ Off)



BIT	%
255	100
0	0.0

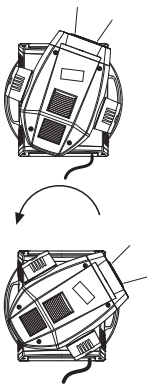
Operation with option InvertPan $\diamond$ On
(Tilt conventionally represented at 14% and option Invert Tilt $\diamond$ Off)



BIT	%
255	100
0	0.0

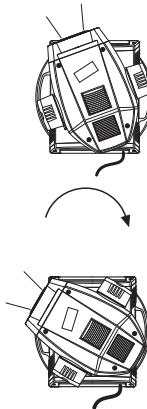
• PAN FINE - channel 13

Operation with option InvertPan $\diamond$ Off
(Tilt conventionally represented at 14% and option Invert Tilt $\diamond$ Off)



BIT	%
255	100
0	0.0

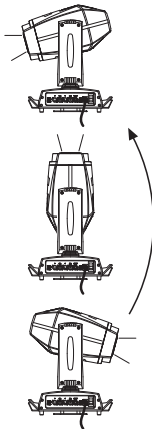
Operation with option InvertPan $\diamond$ On
(Tilt conventionally represented at 14% and option Invert Tilt $\diamond$ Off)



BIT	%
255	100
0	0.0

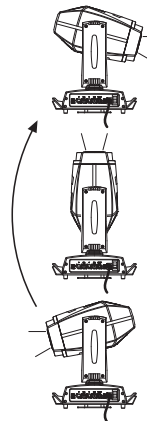
• TILT - channel 14

Operation with option Invert Tilt $\diamond$ Off
(Pan conventionally represented at 0° and option Invert Pan $\diamond$ Off)



BIT	%
255	100
128	50.0
0	0.0

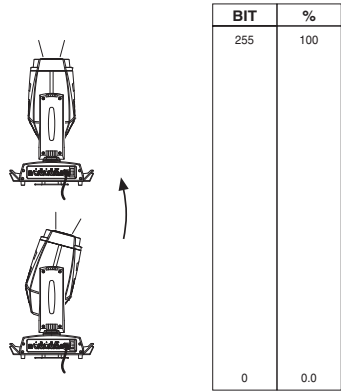
Operation with option Invert Tilt $\diamond$ On
(Pan conventionally represented at 0° and option Invert Pan $\diamond$ Off)



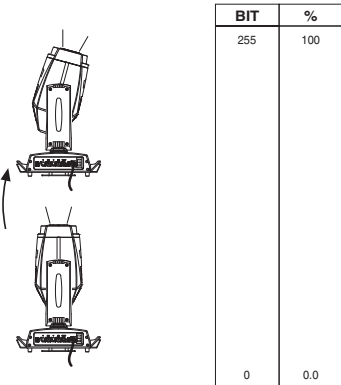
BIT	%
255	100
128	50.0
0	0.0

• TILT FINE - channel 15

Operation with option Invert Tilt $\diamond$ Off
(Pan conventionally represented at 0% and option Invert Pan $\diamond$ Off)



Operation with option Invert Tilt $\diamond$ On
(Pan conventionally represented at 0% and option Invert Pan $\diamond$ Off)



• FUNCTION - channel: 16

BIT	%	EFFECT
255	100	UNUSED RANGE
52	20.5	
51	20.0	
39	15.0	
26	10.0	
13	5.0	PAN-TILT FUNCTION
0-12	0.0-4.7	

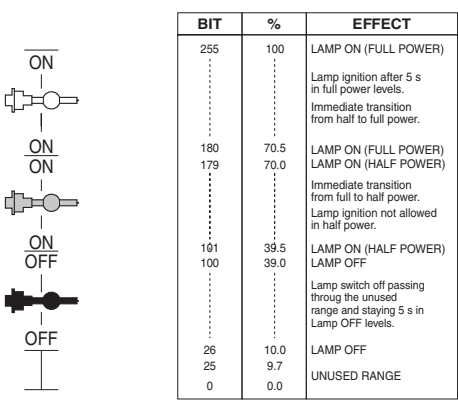
The functions are activated passing through the "unused range" and staying 5 seconds in necessary level

• RESET - channel: 17

BIT	%	EFFECT
255	100	COMPLETE RESET
128	50.0	COMPLETE RESET PAN / TILT RESET
127	49.7	
77	30.0	PAN / TILT RESET EFFECTS RESET
76	29.7	
26	10.0	EFFECTS RESET
25	9.7	
0	0.0	UNUSED RANGE

• LAMP CONTROL (only with option LAMP DMX On) - channel: 18

IMPORTANT: Alpha Wash 700 is not provided with hot restrike igniter



TIMING CHANNELS

	Timing Channel	Channel function
19	Pan - Tilt time	Pan - Tilt - (Pan fine - Tilt fine)
20	Colour time	CMY - CTO - Colour wheel
21	Beam time	Dimmer - Zoom

TIME TABLE

BIT	Seconds	BIT	Seconds	BIT	Seconds	BIT	Seconds	BIT	Seconds	BIT	Seconds
0	Full	43	8.6	86		129		172		216	
1	0.2	44	8.8	87	24	130	41	173	58	217	170
2	0.4	45	9	88		131		174		218	
3	0.6	46	9.2	89	25	132	42	175	59	219	180
4	0.8	47	9.4	90		133		176		220	
5	1	48	9.6	91	26	134	43	177	60	221	190
6	1.2	49	9.8	92		135		178		222	
7	1.4	50	10	93	27	136	44	179	65	223	200
8	1.6	51	10.2	94		137		180		224	
9	1.8	52	10.4	95		138		181		225	
10	2	53	10.6	96	28	139	45	182	70	226	
11	2.2	54	11	97		140		183		227	210
12	2.4	55		98	29	141	46	184	75	228	
13	2.6	56	12	99		142		185		229	
14	2.8	57		100		143		186		230	220
15	3	58	13	101	30	144	47	187	80	231	
16	3.2	59		102		145		188		232	230
17	3.4	60	14	103		146		189		233	
18	3.6	61		104	31	147	48	190	85	234	240
19	3.8	62		105		148		191		235	
20	4	63	15	106		149		192		236	
21	4.2	64		107	32	150	49	193	90	237	250
22	4.4	65	16	108		151		194		238	
23	4.6	66		109	33	152	50	195	95	239	260
24	4.8	67		110		153		196		240	
25	5	68	17	111		154		197		241	
26	5.2	69		112	34	155	51	198	100	242	270
27	5.4	70		113		156		199		243	
28	5.6	71	18	114		157		200		244	
29	5.8	72		115	35	158	52	201	110	245	280
30	6	73		116		159		202		246	
31	6.2	74	19	117	36	160	53	203	120	247	290
32	6.4	75		118		161		204		248	
33	6.6	76	20	119		162		205		249	
34	6.8	77		120	37	163	54	206	130	250	300
35	7	78		121		164		207		251	
36	7.2	79	21	122	38	165	55	208	140	252	310
37	7.4	80		123		166		209		253	
38	7.6	81		124		167		210		254	
39	7.8	82	22	125	39	168	56	211	150	255	Follow cue Data
40	8	83		126		169		212			
41	8.2	84	23	127		170	57	213	160		
42	8.4	85		128	40	171		214			
								215			