

CHANNEL FUNCTION

CHANNEL

CHANNEL	CHANNEL MODE	
	STANDARD	VECTOR
1	COLOUR WHEEL	COLOUR WHEEL
2	STROBE	STROBE
3	DIMMER	DIMMER
4	FIXGOBO	FIXGOBO
5	PRISM INSERTION	PRISM INSERTION
6	PRISM ROTATION	PRISM ROTATION
7	PRISM MOVE(LED series is no such function)	PRISM MOVE(LED series is no such function)
8	FROST	FROST
9	FOCUS	FOCUS
10	PAN	PAN
11	PAN FINE	PAN FINE
12	TILT	TILT
13	TILT FINE	TILT FINE
14	FUNCTION	FUNCTION
15	RESET	RESET
16	LAMP ON/OFF	LAMP ON/OFF
17		PAN/TILT TIME
18		COLOUR TIME
19		BEAM TIME
20		GOBO TIME

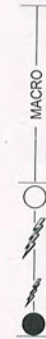
• COLOUR WHEEL- channel 1

BIT	EFFECT
255	FAST ROTATION
128	SLOW ROTATION
124-127	DARK BLUE+WHITE
120-123	DARK BLUE
116-119	CTB+DARK BLUE
111-115	CTB
107-110	CTO 1+CTB
103-106	CTO 1
99-102	CTO 2+CTO 1
94-98	CYAN+CTO 2
90-93	CYAN
86-89	MAGENTA+CYAN
82-85	MAGENTA
77-81	YELLOW / MAGENTA
73-76	YELLOW
69-72	PINK+YELLOW
64-68	PINK
60-63	LAVENDER+PINK
58-59	LAVENDER
52-55	GREEN+LAVENDER
47-51	GREEN
43-46	DEEP GREEN+GREEN
39-42	DEEP GREEN
35-38	AQUAMARINE+DEEO GREEN
30-34	AQUAMARINE
26-29	ORANGE+AQUAMARINE
22-25	ORANGE
18-21	DARK RED+ORANGE
13-17	DARK RED
9-12	WHITE+DARK RED
5-8	WHITE
0-4	WHITE



• STROBE- channel 2

BIT	EFFECT
252 - 255	OPEN
239 - 251	RANDOM FAST STROBE
226 - 236	RANDOM MEDIUM STROBE
213 - 225	RANDOM SLOW STROBE
208 - 212	OPEN
207	FAST PULSATION
108	SLOW PULSATION
104 - 107	OPEN
103	FAST STROBE
4	SLOW STROBE
0-3	CLOSED



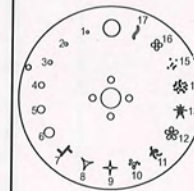
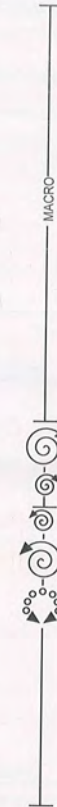
• DIMMER- channel 3

BIT	EFFECT
255	From slow to fast dimmer
0	



• FixGOBO - channel 4

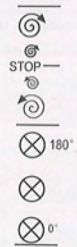
BIT	EFFECT
255	GOBO 16 SHAKE FAST SPEED
250	GOBO 16 SHAKE, SLOWS PEED
249	GOBO 15 SHAKE, FAST SPEED
244	GOBO 15 SHAKE, SLOWS PEED
243	GOBO 14 SHAKE, FAST SPEED
237	GOBO 14 SHAKE, SLOW SPEED
236	GOBO 13 SHAKE, FAST SPEED
231	GOBO 13 SHAKE, SLOW SPEED
230	GOBO 12 SHAKE, FAST SPEED
224	GOBO 12 SHAKE, SLOW SPEED
223	GOBO 11 SHAKE, FAST SPEED
218	GOBO 11 SHAKE, SLOW SPEED
217	GOBO 10 SHAKE, FAST SPEED
212	GOBO 10 SHAKE, SLOW SPEED
211	GOBO 9 SHAKE, FAST SPEED
205	GOBO 9 SHAKE, SLOW SPEED
204	GOBO 8 SHAKE, FAST SPEED
199	GOBO 8 SHAKE, SLOW SPEED
198	GOBO 7 SHAKE, FAST SPEED
192	GOBO 7 SHAKE, SLOW SPEED
191	GOBO 6 SHAKE, FAST SPEED
186	GOBO 6 SHAKE, SLOW SPEED
185	GOBO 5 SHAKE, FAST SPEED
180	GOBO 5 SHAKE, SLOW SPEED
179	GOBO 4 SHAKE, FAST SPEED
173	GOBO 4 SHAKE, SLOW SPEED
172	GOBO 3 SHAKE, FAST SPEED
167	GOBO 3 SHAKE, SLOW SPEED
166	GOBO 2 SHAKE, FAST SPEED
160	GOBO 2 SHAKE, SLOW SPEED
159	FAST CLOCKWISE ROTATION
118	SLOW CLOCKWISE ROTATION
114-117	STOP
113	SLOW ANTICLOCKWISE ROTATION
72	FAST ANTICLOCKWISE ROTATION
68-71	GOBO 17
64-67	GOBO 16
60-63	GOBO 15
56-59	GOBO 14
52-55	GOBO 13
48-51	GOBO 12
44-47	GOBO 11
40-43	GOBO 10
36-39	GOBO 9
32-35	GOBO 8
28-31	GOBO 7
24-27	GOBO 6
20-23	GOBO 5
16-19	GOBO 4
12-15	GOBO 3
8-11	GOBO 2
4-7	GOBO 1
0-3	WHITE



• PRISM INSERTION - channel 5

BIT	EFFECT
255	PRISM INSERTED
128	
127	
0	PRISM EXCLUDED

• PRISM ROTATION - channel 6



BIT	EFFECT
255	FAST CLOCKWISE ROTATION
193	SLOW CLOCKWISE ROTATION
191-192	STOP
190	SLOW ANTICLOCKWISE ROTATION
128	FAST ANTICLOCKWISE ROTATION
127	POSITION 180°
0	POSITION 0°

• PRISM MOVE- channel 7

BIT	EFFECT
255	FROM SMALL TO BIG
0	

• FROST-channel 8



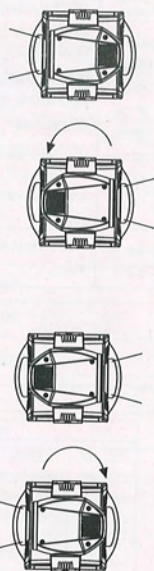
BIT	EFFECT
255	FROST INSERTED
0	FROST EXCLUDED

• FOCUS-channel 9



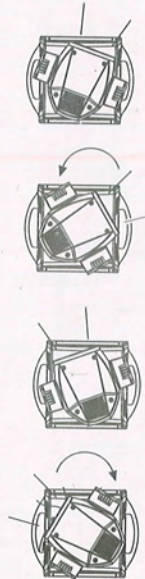
BIT	EFFECT
255	NEAR
0	DISTANT

• PAN-channel 10



BIT	EFFECT
255	540°
0	

• PAN FINE-channel 11



BIT	EFFECT
255	
0	

• TILT-channel 12



BIT	EFFECT
255	250°
128	
0	

• TILT FINE-channel 13



BIT	EFFECT
255	
0	

• FUNCTION-channel 14

BIT	EFFECT	
255	UNUSED RANGE	
63		
51-62		
38-50	CONVENTIONAL	DIMMER CURVE FUNCTION
25-37	NORMAL	
12-24	FAST (Default)	PAN-TILT FUNCTION
0-11	UNUSED RANGE	

RESET -channel 15

BIT	EFFECT
255	COMPLETE RESET
128	
127	
77	PAN / TILT MOTOR RESET
76	
26	HEAD RESET
25	
0	UNUSED RANGE

LAMP On/Off - channel 16



BIT	EFFECT
255	LAMP ON
101	
100	LAMP OFF(3S)
26	
25	UNUSED RANGE
0	

TIMING CHANNELS

NO.	TIMING CHANNEL	CHANNEL FUNCTION
17	X / Y time	1-254 X Y speed from fast to slow
18	Colour time	1-254 colour speed from fast to slow (colour bit:5-127)
19	Beam time	1-254 dimmer-prism-frost speed from fast to slow (gobo bit:5-71)
20	Gobo time	1-254 gobo speed from fast to slow

SPEED (Gobo & Colour)

- 0.5 S ... 230
- 1 S ... 245
- 2 S ... 248
- 3 S ... 250
- 4 S ... 251
- 5 S ... 252
- 6 S ... 253
- 7 S ... 254

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Circuit connecting diagram

