

Appendix 1

8 CHANNELS MODE (8 CH)

1	ROTOGOBO
2	COLOUR
3	GOBO
4	SHUTTER
5	PAN
6	TILT
7	PRISM/ROTOPRISM
8	FOCUS/LIGHT BEAM ANGLE/FROST

10 CHANNELS MODE(10CH:default setting)

1	ROTOGOBO
2	COLOUR
3	GOBO
4	SHUTTER
5	PAN
6	TILT
7	PRISM/ROTOPRISM
8	FOCUS/LIGHT BEAM ANGLE/FROST
9	PAN lsb
10	TILT lsb

DMX CHANNEL	1	Parameter: ROTOGOBO
-------------	----------	----------------------------

		Move range (degrees)		Option	
0-127	63				Proportional from 0° to 360°
128-180	154				left rotation
181-202	191				Stop
203-255	229				right rotation

DMX CHANNEL	2	Parameter: COLOUR
-------------	----------	--------------------------

		Move range (degrees)		Option	
0-10	5				Colour1
11-21	16				Bicolour 1/2
22-32	27				Colour2
33-43	38				Bicolour 2/3
44-54	49				Colour3
55-65	60				Bicolour 3/4
66-76	71				Colour4
77-87	82				Bicolour 4/5
88-98	93				Colour5
99-109	104				Bicolour 5/6
110-120	115				Colour6
121-131	126				Bicolour 6/7
132-142	137				Colour7
143-153	148				Bicolour 7/8
154-164	159				Colour8

165-175	170				Bicolour 8/9
176-186	181				Colour9
187-197	192				Bicolour 9/1
198-200	199				Right rotation speed 1 min.
201-203	202				Right rotation speed 2
204-206	205				Right rotation speed 3
207-209	208				Right rotation speed 4
210-212	211				Right rotation speed 5
213-215	214				Right rotation speed 6
216-218	217				Right rotation speed 7
219-221	220				Right rotation speed 8
222-224	223				Right rotation speed 9 max.
225-228	226				Stop
229-231	230				Left rotation speed 1 min.
232-234	233				Left rotation speed 2
235-237	236				Left rotation speed 3
238-240	239				Left rotation speed 4
241-243	242				Left rotation speed 5
244-246	245				Left rotation speed 6
247-249	248				Left rotation speed 7
250-252	251				Left rotation speed 8
253-255	254				Left rotation speed 9 max.

DMX CHANNEL	3	Parameter: GOBO WHEEL
-------------	---	------------------------------

		Move range (degrees)		Option	
0-25	12				Open
26-51	38				Gobo 1
52-77	64				Gobo 2
78-103	90				Gobo 3
104-129	116				Gobo 4
130-155	142				Gobo 5
156-181	168				Gobo 6
182-207	194				Gobo 7
208-213	210				Rotation speed 1 min.
214-219	216				Rotation speed 2
220-225	222				Rotation speed 3
226-231	228				Rotation speed 4
232-237	234				Rotation speed 5
238-243	240				Rotation speed 6
244-249	246				Rotation speed 7
250-255	252				Rotation speed 8 max.

DMX CHANNEL	4	Parameter: SHUTTER
-------------	---	---------------------------

		Move range (degrees)		Option	
--	--	----------------------	--	--------	--

0-9	4				Black out
10-85	47				Dimmer
86-95	90				Strobo random speed
96-105	100				Strobo speed 1 min.
106-115	110				Strobo speed 2
116-125	120				Strobo speed 3
126-135	130				Strobo speed 4
136-145	140				Strobo speed 5
146-155	150				Strobo speed 6 max.
156-165	160				Pulse open speed 1 min.
166-175	170				Pulse open speed 2
176-185	180				Pulse open speed 3
186-195	190				Pulse open speed 4 max
196-205	200				Pulse closed speed 1 min.
206-215	210				Pulse closed speed 2
216-225	220				Pulse closed speed 3
226-235	230				Pulse closed speed 4 max.
236-245	240				Colour/gobo/pan/tilt in black out
246-255	250				Open

DMX CHANNEL	5	Parameter: PAN msb
-------------	---	---------------------------

DMX CHANNEL	6	Parameter: TILT msb
-------------	---	----------------------------

DMX CHANNEL	7	Parameter: PRISM/ROTOPRISM
-------------	---	-----------------------------------

		Move range (degrees)		Option	
0-63	31				No effect
64-145	104				Prism
128-191	159				Left rotation
192-255	223				Right rotation

DMX CHANNEL	8	Parameter: FOCUS/LIGHT BEAM ANGLE/FROST
-------------	---	--

		Move range (degrees)		Option	
0-72	36				No lens 13°
73-145	109				First lens 18°
146-218	182				Second lens 21°
219-255	237				frost

DMX CHANNEL	9	Parameter: PAN lsb
-------------	---	---------------------------

DMX CHANNEL	10	Parameter: TILT lsb
-------------	----	----------------------------

16 CHANNELS MODE (16CH)

- 1 PAN msb
- 2 PAN lsb
- 3 TILT msb
- 4 TILT lsb
- 5 SPEED MOVEMENT
- 6 DIMMER
- 7 SHUTTER
- 8 COLOUR
- 9 COLOUR PROPORTIONAL (Priority)
- 10 GOBO
- 11 ROTOGOBO
- 12 PRISM/ROTOPRISM
- 13 FOCUS
- 14 LIGHT BEAM ANGLE
- 15 FROST (Priority)
- 16 RESET

DMX CHANNEL	1	Parameter: PAN msb
-------------	----------	---------------------------

DMX CHANNEL	2	Parameter: PAN lsb
-------------	----------	---------------------------

DMX CHANNEL	3	Parameter: TILT msb
-------------	----------	----------------------------

DMX CHANNEL	4	Parameter: TILT lsb
-------------	----------	----------------------------

DMX CHANNEL	5	Parameter: MOVEMENT SPEED
-------------	----------	----------------------------------

		Move range (degrees)		Option	
0-10	5				Standard
11-25	18				Fast movement
26-127	76				Vector mode from fast to slow
128-247	187				Variable time reaction to DMX signal (fast to slow)
248-255	251				Slow reaction time to DMX signal

DMX CHANNEL	6	Parameter: DIMMER
-------------	----------	--------------------------

		Move range (degrees)		Option	
0-8	4				Black-out
9-255					Proportional dimmer

DMX CHANNEL	7	Parameter: SHUTTER
-------------	---	---------------------------

		Move range (degrees)		Option	
0-9	5				Black-out
10-23	16				Strobo random speed
24-37	30				Strobo speed 1 min.
38-51	44				Strobo speed 2
52-65	58				Strobo speed 3
66-79	72				Strobo speed 4
80-93	86				Strobo speed 5
94-107	100				Strobo speed 6 max.
108-121	114				Pulse open speed 1 min.
122-135	128				Pulse open speed 2
136-149	142				Pulse open speed 3
150-163	156				Pulse open speed 4 max.
164-177	170				Pulse closed speed 1 min.
178-191	184				Pulse closed speed 2
192-205	198				Pulse closed speed 3
206-219	212				Pulse closed speed 4 max.
220-227	225				Colour and Gobo in black-out
228-233	230				Pan and Tilt in black-out
234-255	244				Open

DMX CHANNEL	8	Parameter: COLOUR
-------------	---	--------------------------

		Move range (degrees)		Option	
0-10	5				Colour1
11-21	16				Bicolour 1/2
22-32	27				Colour2
33-43	38				Bicolour 2/3
44-54	49				Colour3
55-65	60				Bicolour 3/4
66-76	71				Colour4
77-87	82				Bicolour 4/5
88-98	93				Colour5
99-109	104				Bicolour 5/6
110-120	115				Colour6
121-131	126				Bicolour 6/7
132-142	137				Colour7
143-153	148				Bicolour 7/8
154-164	159				Colour8
165-175	170				Bicolour 8/9
176-186	181				Colour9
187-197	192				Bicolour 9/1
198-200	199				Right rotation speed 1 min.

201-203	200				Right rotation speed 2
204-206	205				Right rotation speed 3
207-209	208				Right rotation speed 4
210-212	211				Right rotation speed 5
213-215	214				Right rotation speed 6
216-218	217				Right rotation speed 7
219-221	220				Right rotation speed 8
222-224	223				Right rotation speed 9 max.
225-228	226				Stop
229-231	230				Left rotation speed 1 min.
232-234	233				Left rotation speed 2
235-237	236				Left rotation speed 3
238-240	239				Left rotation speed 4
241-243	242				Left rotation speed 5
244-246	245				Left rotation speed 6
247-249	248				Left rotation speed 7
250-252	251				Left rotation speed 8
253-255	254				Left rotation speed 9 max.

DMX CHANNEL	9	Parameter: PROPORTIONAL COLOUR (PRIORITY)
-------------	---	--

		Move range (degrees)		Option	
0-10	5				No effect
11-255					Proportional colour

DMX CHANNEL	10	Parameter: GOBO
-------------	----	------------------------

		Move range (degrees)		Option	
0-25	12				Open
26-51	38				Gobo 1
52-77	64				Gobo 2
78-103	90				Gobo 3
104-129	116				Gobo 4
130-155	142				Gobo 5
156-181	168				Gobo 6
182-207	194				Gobo 7
208-213	210				Speed rotation 1 min.
214-219	216				Speed rotation 2
220-225	222				Speed rotation 3
226-231	228				Speed rotation 4
232-237	234				Speed rotation 5
238-243	240				Speed rotation 6
244-249	246				Speed rotation 7
250-255	252				Speed rotation 8 max.

DMX CHANNEL	11	Parameter: ROTO GOBO
-------------	-----------	-----------------------------

		Move range (degrees)		Option	
0-127					Proportional from 0° to 360°
128-180					Left rotation
181-202	191				Stop
203-255					Right rotation

DMX CHANNEL	12	Parameter: PRISM/ROTOPRISM
-------------	-----------	-----------------------------------

		Move range (degrees)		Option	
0-63	32				No effect
64-127	95				Prism
128-191					Left rotation
192-255					Right rotation

DMX CHANNEL	13	Parameter: FOCUS
-------------	-----------	-------------------------

		Move range (degrees)		Option	
0-255					proportional

DMX CHANNEL	14	Parameter: LIGHT BEAM ANGLE
-------------	-----------	------------------------------------

		Move range (degrees)		Option	
0-84	42				No lens 13°
85-170	127				First lens 18°
171-255	213				Second lens 21°

DMX CHANNEL	15	Parameter: FROST (PRIORITY)
-------------	-----------	------------------------------------

		Move range (degrees)		Option	
0-127	63				No lens
128-255	191				Frost

DMX CHANNEL	16	Parameter: RESET
-------------	----	-------------------------

		Move range (degrees)		Option	
0-85	42				No effect
86-170	127				Internal motors reset
171-255	213				Total reset