

## CLUSTER S2

High-power,  
Pixel-mappable,  
Hybrid, Strobe / Washlight

15CH Simple Mode

31CH Easy Mode

64CH Standard Mode (default)

112CH Pure Mode

209CH Pure Mode

168CH Full Access Mode

265CH Full Access Extended Mode

Channel	Simple Mode 15CH	Easy Mode 31CH	Standard Mode 64CH (default)
1	Master Dimmer	Master Dimmer	Master Dimmer
2	Centric Tube - Dimmer	Centric Tube - Dimmer	Centric Tube - Dimmer
3	Centric Tube - Shutter	Centric Tube - Shutter	Centric Tube - Shutter
4	Centric Tube - Duration	Centric Tube - Duration	Centric Tube - Duration
5	Single Tube (1-4) - Dimmer	Centric Tube - Pattern Dimmer	Centric Tube - Pattern Dimmer
6	Single Tube (1-4) - Shutter	Centric Tube - Pattern Selection	Centric Tube - Pattern Selection
7	Single Tube (1-4) Duration	Centric Tube - Pattern Speed	Centric Tube - Pattern Speed
8	RGB Panels (1+2) - Dimmer	Centric Tube - Pattern X-fade	Centric Tube - Pattern X-fade
9	RGB Panels (1+2) - Shutter	Centric Tube - Pattern Space	Centric Tube - Pattern Space
10	RGB Panels (1+2) - Duration	Single Tubes (1-4) - Dimmer	Single Tube 1 - Dimmer
11	RGB Panels (1+2) - Red	Single Tubes (1-4) - Shutter	Single Tube 1 - Shutter
12	RGB Panels (1+2) - Green	Single Tubes (1-4) - Duration	Single Tube 1 - Duration
13	RGB Panels (1+2) - Blue	Single Tubes (1-4) - Pattern Dimmer	Single Tube 1 - Pattern Dimmer
14	RGB Panels (1+2) - CTC	Single Tubes (1-4) - Pattern selection	Single Tube 1 - Pattern selection
15	Device Settings	Single Tubes Group (1-4) - Pattern selection	Single Tube 1 - Pattern speed
16		Single Tubes (1-4) - Pattern speed	Single Tube 1 - Pattern X-fade
17		Single Tubes (1-4) - Pattern X-fade	Single Tube 1 - Pattern Space
18		Single Tubes (1-4) - Pattern Space	Single Tube 2 - Dimmer
19		RGB Panels (1+2) - Dimmer	Single Tube 2 - Shutter
20		RGB Panels (1+2) - Shutter	Single Tube 2 - Duration
21		RGB Panels (1+2) - Duration	Single Tube 2 - Pattern Dimmer
22		RGB Panels (1+2) - Red	Single Tube 2 - Pattern selection
23		RGB Panels (1+2) - Green	Single Tube 2 - Pattern speed
24		RGB Panels (1+2) - Blue	Single Tube 2 - Pattern X-fade
25		RGB Panels (1+2) - CTC	Single Tube 2 - Pattern Space
26		RGB Panels (1+2) - Pattern Dimmer	Single Tube 3 - Dimmer
27		RGB Panels (1+2) - Pattern selection	Single Tube 3 - Shutter
28		RGB Panels (1+2) - Pattern speed	Single Tube 3 - Duration
29		RGB Panels (1+2) - Pattern X-fade	Single Tube 3 - Pattern Dimmer
30		RGB Panels (1+2) - Pattern Space	Single Tube 3 - Pattern selection
31		Device Settings	Single Tube 3 - Pattern speed

32			Single Tube 3 - Pattern X-fade
33			Single Tube 3 - Pattern Space
34			Single Tube 4 - Dimmer
35			Single Tube 4 - Shutter
36			Single Tube 4 - Duration
37			Single Tube 4 - Pattern Dimmer
38			Single Tube 4 - Pattern selection
39			Single Tube 4 - Pattern speed
40			Single Tube 4 - Pattern X-fade
41			Single Tube 4 - Pattern Space
42			Single Tube Group (1-4) - Pattern Dimmer
43			Single Tube Group (1-4) - Pattern selection
44			Single Tube Group (1-4) - Pattern speed
45			Single Tube Group (1-4) - Pattern X-fade
46			Single Tube Group (1-4) - Pattern Space
47			RGB Panel 1+2 - Dimmer
48			RGB Panel 1+2 - Shutter
49			RGB Panel 1+2 - Duration
50			RGB Panel 1+2 - Red
51			RGB Panel 1+2 - Green
52			RGB Panel 1+2 - Blue
53			RGB Panel 1+2 - CTC
54			RGB Panel 1+2 - Color Macros
55			RGB Panel 1+2 - Color Macro X-fade
56			RGB Panel 1+2 - Pattern Dimmer
57			RGB Panel 1+2 - Pattern selection
58			RGB Panel 1+2 - Pattern speed
59			RGB Panel 1+2 - Pattern X-fade
60			RGB Panel 1+2 - Pattern Space
61			RGB Panel 1+2 - Pattern Red
62			RGB Panel 1+2 - Pattern Green
63			RGB Panel 1+2 - Pattern Blue
64			Device Settings

Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
1	Master Dimmer	Master Dimmer	Master Dimmer	Master Dimmer
2	Centric Tube - Shutter	Master Dimmer fine	Centric Tube - Pixel 1 - Intensity	Master Dimmer fine
3	Centric Tube - Duration	Centric Tube - Shutter	Centric Tube - Pixel 2 - Intensity	Centric Tube - Pixel 1 - Intensity
4	Centric Tube - Pixel 1 - Intensity	Centric Tube - Duration	Centric Tube - Pixel 3 - Intensity	Centric Tube - Pixel 1 - Intensity fine
5	Centric Tube - Pixel 2 - Intensity	Centric Tube - Pixel 1 - Intensity	Centric Tube - Pixel 4 - Intensity	Centric Tube - Pixel 2 - Intensity
6	Centric Tube - Pixel 3 - Intensity	Centric Tube - Pixel 1 - Intensity fine	Centric Tube - Pixel 5 - Intensity	Centric Tube - Pixel 2 - Intensity fine
7	Centric Tube - Pixel 4 - Intensity	Centric Tube - Pixel 2 - Intensity	Centric Tube - Pixel 6 - Intensity	Centric Tube - Pixel 3 - Intensity
8	Centric Tube - Pixel 5 - Intensity	Centric Tube - Pixel 2 - Intensity fine	Centric Tube - Pixel 7 - Intensity	Centric Tube - Pixel 3 - Intensity fine
9	Centric Tube - Pixel 6 - Intensity	Centric Tube - Pixel 3 - Intensity	Centric Tube - Pixel 8 - Intensity	Centric Tube - Pixel 4 - Intensity
10	Centric Tube - Pixel 7 - Intensity	Centric Tube - Pixel 3 - Intensity fine	Centric Tube - Pixel 9 - Intensity	Centric Tube - Pixel 4 - Intensity fine
11	Centric Tube - Pixel 8 - Intensity	Centric Tube - Pixel 4 - Intensity	Centric Tube - Pixel 10 - Intensity	Centric Tube - Pixel 5 - Intensity
12	Centric Tube - Pixel 9 - Intensity	Centric Tube - Pixel 4 - Intensity fine	Centric Tube - Pixel 11 - Intensity	Centric Tube - Pixel 5 - Intensity fine
13	Centric Tube - Pixel 10 - Intensity	Centric Tube - Pixel 5 - Intensity	Centric Tube - Pixel 12 - Intensity	Centric Tube - Pixel 6 - Intensity
14	Centric Tube - Pixel 11 - Intensity	Centric Tube - Pixel 5 - Intensity fine	Centric Tube - Shutter	Centric Tube - Pixel 6 - Intensity fine
15	Centric Tube - Pixel 12 - Intensity	Centric Tube - Pixel 6 - Intensity	Centric Tube - Duration	Centric Tube - Pixel 7 - Intensity
16	Single Tube 1 - Shutter	Centric Tube - Pixel 6 - Intensity fine	Centric Tube - Pattern Dimmer	Centric Tube - Pixel 7 - Intensity fine
17	Single Tube 1 - Duration	Centric Tube - Pixel 7 - Intensity	Centric Tube - Pattern Selection	Centric Tube - Pixel 8 - Intensity
18	Single Tube 1 - Pixel 1 - Intensity	Centric Tube - Pixel 7 - Intensity fine	Centric Tube - Pattern Speed	Centric Tube - Pixel 8 - Intensity fine
19	Single Tube 1 - Pixel 2 - Intensity	Centric Tube - Pixel 8 - Intensity	Centric Tube - Pattern X-fade	Centric Tube - Pixel 9 - Intensity
20	Single Tube 1 - Pixel 3 - Intensity	Centric Tube - Pixel 8 - Intensity fine	Centric Tube - Pattern Space	Centric Tube - Pixel 9 - Intensity fine
21	Single Tube 1 - Pixel 4 - Intensity	Centric Tube - Pixel 9 - Intensity	Single Tube 1 - Pixel 1 - Intensity	Centric Tube - Pixel 10 - Intensity
22	Single Tube 1 - Pixel 5 - Intensity	Centric Tube - Pixel 9 - Intensity fine	Single Tube 1 - Pixel 2 - Intensity	Centric Tube - Pixel 10 - Intensity fine
23	Single Tube 1 - Pixel 6 - Intensity	Centric Tube - Pixel 10 - Intensity	Single Tube 1 - Pixel 3 - Intensity	Centric Tube - Pixel 11 - Intensity
24	Single Tube 1 - Pixel 7 - Intensity	Centric Tube - Pixel 10 - Intensity fine	Single Tube 1 - Pixel 4 - Intensity	Centric Tube - Pixel 11 - Intensity fine
25	Single Tube 1 - Pixel 8 - Intensity	Centric Tube - Pixel 11 - Intensity	Single Tube 1 - Pixel 5 - Intensity	Centric Tube - Pixel 12 - Intensity
26	Single Tube 1 - Pixel 9 - Intensity	Centric Tube - Pixel 11 - Intensity fine	Single Tube 1 - Pixel 6 - Intensity	Centric Tube - Pixel 12 - Intensity fine

Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
27	Single Tube 1 - Pixel 10 - Intensity	Centric Tube - Pixel 12 - Intensity	Single Tube 1 - Pixel 7 - Intensity	Centric Tube - Shutter
28	Single Tube 1 - Pixel 11 - Intensity	Centric Tube - Pixel 12 - Intensity fine	Single Tube 1 - Pixel 8 - Intensity	Centric Tube - Duration
29	Single Tube 1 - Pixel 12 - Intensity	Single Tube 1 - Shutter	Single Tube 1 - Pixel 9 - Intensity	Centric Tube - Pattern Dimmer
30	Single Tube 2 - Shutter	Single Tube 1 - Duration	Single Tube 1 - Pixel 10 - Intensity	Centric Tube - Pattern Selection
31	Single Tube 2 - Duration	Single Tube 1 - Pixel 1 - Intensity	Single Tube 1 - Pixel 11 - Intensity	Centric Tube - Pattern Speed
32	Single Tube 2 - Pixel 1 - Intensity	Single Tube 1 - Pixel 1 - Intensity fine	Single Tube 1 - Pixel 12 - Intensity	Centric Tube - Pattern X-fade
33	Single Tube 2 - Pixel 2 - Intensity	Single Tube 1 - Pixel 2 - Intensity	Single Tube 1 - Shutter	Centric Tube - Pattern Space
34	Single Tube 2 - Pixel 3 - Intensity	Single Tube 1 - Pixel 2 - Intensity fine	Single Tube 1 - Duration	Single Tube 1 - Pixel 1 - Intensity
35	Single Tube 2 - Pixel 4 - Intensity	Single Tube 1 - Pixel 3 - Intensity	Single Tube 1 - Pattern Dimmer	Single Tube 1 - Pixel 1 - Intensity fine
36	Single Tube 2 - Pixel 5 - Intensity	Single Tube 1 - Pixel 3 - Intensity fine	Single Tube 1 - Pattern selection	Single Tube 1 - Pixel 2 - Intensity
37	Single Tube 2 - Pixel 6 - Intensity	Single Tube 1 - Pixel 4 - Intensity	Single Tube 1 - Pattern speed	Single Tube 1 - Pixel 2 - Intensity fine
38	Single Tube 2 - Pixel 7 - Intensity	Single Tube 1 - Pixel 4 - Intensity fine	Single Tube 1 - Pattern X-fade	Single Tube 1 - Pixel 3 - Intensity
39	Single Tube 2 - Pixel 8 - Intensity	Single Tube 1 - Pixel 5 - Intensity	Single Tube 1 - Pattern Space	Single Tube 1 - Pixel 3 - Intensity fine
40	Single Tube 2 - Pixel 9 - Intensity	Single Tube 1 - Pixel 5 - Intensity fine	Single Tube 2 - Pixel 1 - Intensity	Single Tube 1 - Pixel 4 - Intensity
41	Single Tube 2 - Pixel 10 - Intensity	Single Tube 1 - Pixel 6 - Intensity	Single Tube 2 - Pixel 2 - Intensity	Single Tube 1 - Pixel 4 - Intensity fine
42	Single Tube 2 - Pixel 11 - Intensity	Single Tube 1 - Pixel 6 - Intensity fine	Single Tube 2 - Pixel 3 - Intensity	Single Tube 1 - Pixel 5 - Intensity
43	Single Tube 2 - Pixel 12 - Intensity	Single Tube 1 - Pixel 7 - Intensity	Single Tube 2 - Pixel 4 - Intensity	Single Tube 1 - Pixel 5 - Intensity fine
44	Single Tube 3 - Shutter	Single Tube 1 - Pixel 7 - Intensity fine	Single Tube 2 - Pixel 5 - Intensity	Single Tube 1 - Pixel 6 - Intensity
45	Single Tube 3 - Duration	Single Tube 1 - Pixel 8 - Intensity	Single Tube 2 - Pixel 6 - Intensity	Single Tube 1 - Pixel 6 - Intensity fine
46	Single Tube 3 - Pixel 1 - Intensity	Single Tube 1 - Pixel 8 - Intensity fine	Single Tube 2 - Pixel 7 - Intensity	Single Tube 1 - Pixel 7 - Intensity
47	Single Tube 3 - Pixel 2 - Intensity	Single Tube 1 - Pixel 9 - Intensity	Single Tube 2 - Pixel 8 - Intensity	Single Tube 1 - Pixel 7 - Intensity fine
48	Single Tube 3 - Pixel 3 - Intensity	Single Tube 1 - Pixel 9 - Intensity fine	Single Tube 2 - Pixel 9 - Intensity	Single Tube 1 - Pixel 8 - Intensity
49	Single Tube 3 - Pixel 4 - Intensity	Single Tube 1 - Pixel 10 - Intensity	Single Tube 2 - Pixel 10 - Intensity	Single Tube 1 - Pixel 8 - Intensity fine
50	Single Tube 3 - Pixel 5 - Intensity	Single Tube 1 - Pixel 10 - Intensity fine	Single Tube 2 - Pixel 11 - Intensity	Single Tube 1 - Pixel 9 - Intensity
51	Single Tube 3 - Pixel 6 - Intensity	Single Tube 1 - Pixel 11 - Intensity	Single Tube 2 - Pixel 12 - Intensity	Single Tube 1 - Pixel 9 - Intensity fine

Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
52	Single Tube 3 - Pixel 7 - Intensity	Single Tube 1 - Pixel 11 - Intensity fine	Single Tube 2 - Shutter	Single Tube 1 - Pixel 10 - Intensity
53	Single Tube 3 - Pixel 8 - Intensity	Single Tube 1 - Pixel 12 - Intensity	Single Tube 2 - Duration	Single Tube 1 - Pixel 10 - Intensity fine
54	Single Tube 3 - Pixel 9 - Intensity	Single Tube 1 - Pixel 12 - Intensity fine	Single Tube 2 - Pattern Dimmer	Single Tube 1 - Pixel 11 - Intensity
55	Single Tube 3 - Pixel 10 - Intensity	Single Tube 2 - Shutter	Single Tube 2 - Pattern selection	Single Tube 1 - Pixel 11 - Intensity fine
56	Single Tube 3 - Pixel 11 - Intensity	Single Tube 2 - Duration	Single Tube 2 - Pattern speed	Single Tube 1 - Pixel 12 - Intensity
57	Single Tube 3 - Pixel 12 - Intensity	Single Tube 2 - Pixel 1 - Intensity	Single Tube 2 - Pattern X-fade	Single Tube 1 - Pixel 12 - Intensity fine
58	Single Tube 4 - Shutter	Single Tube 2 - Pixel 1 - Intensity fine	Single Tube 2 - Pattern Space	Single Tube 1 - Shutter
59	Single Tube 4 - Duration	Single Tube 2 - Pixel 2 - Intensity	Single Tube 3 - Pixel 1 - Intensity	Single Tube 1 - Duration
60	Single Tube 4 - Pixel 1 - Intensity	Single Tube 2 - Pixel 2 - Intensity fine	Single Tube 3 - Pixel 2 - Intensity	Single Tube 1 - Pattern Dimmer
61	Single Tube 4 - Pixel 2 - Intensity	Single Tube 2 - Pixel 3 - Intensity	Single Tube 3 - Pixel 3 - Intensity	Single Tube 1 - Pattern selection
62	Single Tube 4 - Pixel 3 - Intensity	Single Tube 2 - Pixel 3 - Intensity fine	Single Tube 3 - Pixel 4 - Intensity	Single Tube 1 - Pattern speed
63	Single Tube 4 - Pixel 4 - Intensity	Single Tube 2 - Pixel 4 - Intensity	Single Tube 3 - Pixel 5 - Intensity	Single Tube 1 - Pattern X-fade
64	Single Tube 4 - Pixel 5 - Intensity	Single Tube 2 - Pixel 4 - Intensity fine	Single Tube 3 - Pixel 6 - Intensity	Single Tube 1 - Pattern Space
65	Single Tube 4 - Pixel 6 - Intensity	Single Tube 2 - Pixel 5 - Intensity	Single Tube 3 - Pixel 7 - Intensity	Single Tube 2 - Pixel 1 - Intensity
66	Single Tube 4 - Pixel 7 - Intensity	Single Tube 2 - Pixel 5 - Intensity fine	Single Tube 3 - Pixel 8 - Intensity	Single Tube 2 - Pixel 1 - Intensity fine
67	Single Tube 4 - Pixel 8 - Intensity	Single Tube 2 - Pixel 6 - Intensity	Single Tube 3 - Pixel 9 - Intensity	Single Tube 2 - Pixel 2 - Intensity
68	Single Tube 4 - Pixel 9 - Intensity	Single Tube 2 - Pixel 6 - Intensity fine	Single Tube 3 - Pixel 10 - Intensity	Single Tube 2 - Pixel 2 - Intensity fine
69	Single Tube 4 - Pixel 10 - Intensity	Single Tube 2 - Pixel 7 - Intensity	Single Tube 3 - Pixel 11 - Intensity	Single Tube 2 - Pixel 3 - Intensity
70	Single Tube 4 - Pixel 11 - Intensity	Single Tube 2 - Pixel 7 - Intensity fine	Single Tube 3 - Pixel 12 - Intensity	Single Tube 2 - Pixel 3 - Intensity fine
71	Single Tube 4 - Pixel 12 - Intensity	Single Tube 2 - Pixel 8 - Intensity	Single Tube 3 - Shutter	Single Tube 2 - Pixel 4 - Intensity
72	RGB Panel 1 - Shutter	Single Tube 2 - Pixel 8 - Intensity fine	Single Tube 3 - Duration	Single Tube 2 - Pixel 4 - Intensity fine
73	RGB Panel 1 - Duration	Single Tube 2 - Pixel 9 - Intensity	Single Tube 3 - Pattern Dimmer	Single Tube 2 - Pixel 5 - Intensity
74	RGB Panel 1 - Red 1	Single Tube 2 - Pixel 9 - Intensity fine	Single Tube 3 - Pattern selection	Single Tube 2 - Pixel 5 - Intensity fine
75	RGB Panel 1 - Green 1	Single Tube 2 - Pixel 10 - Intensity	Single Tube 3 - Pattern speed	Single Tube 2 - Pixel 6 - Intensity
76	RGB Panel 1 - Blue 1	Single Tube 2 - Pixel 10 - Intensity fine	Single Tube 3 - Pattern X-fade	Single Tube 2 - Pixel 6 - Intensity fine

Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
77	RGB Panel 1 - Red 2	Single Tube 2 - Pixel 11 - Intensity	Single Tube 3 - Pattern Space	Single Tube 2 - Pixel 7 - Intensity
78	RGB Panel 1 - Green 2	Single Tube 2 - Pixel 11 - Intensity fine	Single Tube 4 - Pixel 1 - Intensity	Single Tube 2 - Pixel 7 - Intensity fine
79	RGB Panel 1 - Blue 2	Single Tube 2 - Pixel 12 - Intensity	Single Tube 4 - Pixel 2 - Intensity	Single Tube 2 - Pixel 8 - Intensity
80	RGB Panel 1 - Red 3	Single Tube 2 - Pixel 12 - Intensity fine	Single Tube 4 - Pixel 3 - Intensity	Single Tube 2 - Pixel 8 - Intensity fine
81	RGB Panel 1 - Green 3	Single Tube 3 - Shutter	Single Tube 4 - Pixel 4 - Intensity	Single Tube 2 - Pixel 9 - Intensity
82	RGB Panel 1 - Blue 3	Single Tube 3 - Duration	Single Tube 4 - Pixel 5 - Intensity	Single Tube 2 - Pixel 9 - Intensity fine
83	RGB Panel 1 - Red 4	Single Tube 3 - Pixel 1 - Intensity	Single Tube 4 - Pixel 6 - Intensity	Single Tube 2 - Pixel 10 - Intensity
84	RGB Panel 1 - Green 4	Single Tube 3 - Pixel 1 - Intensity fine	Single Tube 4 - Pixel 7 - Intensity	Single Tube 2 - Pixel 10 - Intensity fine
85	RGB Panel 1 - Blue 4	Single Tube 3 - Pixel 2 - Intensity	Single Tube 4 - Pixel 8 - Intensity	Single Tube 2 - Pixel 11 - Intensity
86	RGB Panel 1 - Red 5	Single Tube 3 - Pixel 2 - Intensity fine	Single Tube 4 - Pixel 9 - Intensity	Single Tube 2 - Pixel 11 - Intensity fine
87	RGB Panel 1 - Green 5	Single Tube 3 - Pixel 3 - Intensity	Single Tube 4 - Pixel 10 - Intensity	Single Tube 2 - Pixel 12 - Intensity
88	RGB Panel 1 - Blue 5	Single Tube 3 - Pixel 3 - Intensity fine	Single Tube 4 - Pixel 11 - Intensity	Single Tube 2 - Pixel 12 - Intensity fine
89	RGB Panel 1 - Red 6	Single Tube 3 - Pixel 4 - Intensity	Single Tube 4 - Pixel 12 - Intensity	Single Tube 2 - Shutter
90	RGB Panel 1 - Green 6	Single Tube 3 - Pixel 4 - Intensity fine	Single Tube 4 - Shutter	Single Tube 2 - Duration
91	RGB Panel 1 - Blue 6	Single Tube 3 - Pixel 5 - Intensity	Single Tube 4 - Duration	Single Tube 2 - Pattern Dimmer
92	RGB Panel 2 - Shutter	Single Tube 3 - Pixel 5 - Intensity fine	Single Tube 4 - Pattern Dimmer	Single Tube 2 - Pattern selection
93	RGB Panel 2 - Duration	Single Tube 3 - Pixel 6 - Intensity	Single Tube 4 - Pattern selection	Single Tube 2 - Pattern speed
94	RGB Panel 1 - Red 1	Single Tube 3 - Pixel 6 - Intensity fine	Single Tube 4 - Pattern speed	Single Tube 2 - Pattern X-fade
95	RGB Panel 2 - Green 1	Single Tube 3 - Pixel 7 - Intensity	Single Tube 4 - Pattern X-fade	Single Tube 2 - Pattern Space
96	RGB Panel 2 - Blue 1	Single Tube 3 - Pixel 7 - Intensity fine	Single Tube 4 - Pattern Space	Single Tube 3 - Pixel 1 - Intensity
97	RGB Panel 2 - Red 2	Single Tube 3 - Pixel 8 - Intensity	Single Tube Group (1-4) - Pattern Dimmer	Single Tube 3 - Pixel 1 - Intensity fine
98	RGB Panel 2 - Green 2	Single Tube 3 - Pixel 8 - Intensity fine	Single Tube Group (1-4) - Pattern selection	Single Tube 3 - Pixel 2 - Intensity
99	RGB Panel 2 - Blue 2	Single Tube 3 - Pixel 9 - Intensity	Single Tube Group (1-4) - Pattern speed	Single Tube 3 - Pixel 2 - Intensity fine
100	RGB Panel 2 - Red 3	Single Tube 3 - Pixel 9 - Intensity fine	Single Tube Group (1-4) - Pattern X-fade	Single Tube 3 - Pixel 3 - Intensity
101	RGB Panel 2 - Green 3	Single Tube 3 - Pixel 10 - Intensity	Single Tube Group (1-4) - Pattern Space	Single Tube 3 - Pixel 3 - Intensity fine

Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
102	RGB Panel 2 - Blue 3	Single Tube 3 - Pixel 10 - Intensity fine	RGB Panel 1 - Shutter	Single Tube 3 - Pixel 4 - Intensity
103	RGB Panel 2 - Red 4	Single Tube 3 - Pixel 11 - Intensity	RGB Panel 1 - Duration	Single Tube 3 - Pixel 4 - Intensity fine
104	RGB Panel 2 - Green 4	Single Tube 3 - Pixel 11 - Intensity fine	RGB Panel 1 - Pattern Dimmer	Single Tube 3 - Pixel 5 - Intensity
105	RGB Panel 2 - Blue 4	Single Tube 3 - Pixel 12 - Intensity	RGB Panel 1 - Pattern selection	Single Tube 3 - Pixel 5 - Intensity fine
106	RGB Panel 2 - Red 5	Single Tube 3 - Pixel 12 - Intensity fine	RGB Panel 1 - Pattern speed	Single Tube 3 - Pixel 6 - Intensity
107	RGB Panel 2 - Green 5	Single Tube 4 - Shutter	RGB Panel 1 - Pattern X-fade	Single Tube 3 - Pixel 6 - Intensity fine
108	RGB Panel 2 - Blue 5	Single Tube 4 - Duration	RGB Panel 1 - Pattern Space	Single Tube 3 - Pixel 7 - Intensity
109	RGB Panel 2 - Red 6	Single Tube 4 - Pixel 1 - Intensity	RGB Panel 1 - Pattern Red	Single Tube 3 - Pixel 7 - Intensity fine
110	RGB Panel 2 - Green 6	Single Tube 4 - Pixel 1 - Intensity fine	RGB Panel 1 - Pattern Green	Single Tube 3 - Pixel 8 - Intensity
111	RGB Panel 2 - Blue 6	Single Tube 4 - Pixel 2 - Intensity	RGB Panel 1 - Pattern Blue	Single Tube 3 - Pixel 8 - Intensity fine
112	Device Settings	Single Tube 4 - Pixel 2 - Intensity fine	RGB Panel 1 - CTC	Single Tube 3 - Pixel 9 - Intensity
113		Single Tube 4 - Pixel 3 - Intensity	RGB Panel 1 - Red 1	Single Tube 3 - Pixel 9 - Intensity fine
114		Single Tube 4 - Pixel 3 - Intensity fine	RGB Panel 1 - Green 1	Single Tube 3 - Pixel 10 - Intensity
115		Single Tube 4 - Pixel 4 - Intensity	RGB Panel 1 - Blue 1	Single Tube 3 - Pixel 10 - Intensity fine
116		Single Tube 4 - Pixel 4 - Intensity fine	RGB Panel 1 - Red 2	Single Tube 3 - Pixel 11 - Intensity
117		Single Tube 4 - Pixel 5 - Intensity	RGB Panel 1 - Green 2	Single Tube 3 - Pixel 11 - Intensity fine
118		Single Tube 4 - Pixel 5 - Intensity fine	RGB Panel 1 - Blue 2	Single Tube 3 - Pixel 12 - Intensity
119		Single Tube 4 - Pixel 6 - Intensity	RGB Panel 1 - Red 3	Single Tube 3 - Pixel 12 - Intensity fine
120		Single Tube 4 - Pixel 6 - Intensity fine	RGB Panel 1 - Green 3	Single Tube 3 - Shutter
121		Single Tube 4 - Pixel 7 - Intensity	RGB Panel 1 - Blue 3	Single Tube 3 - Duration
122		Single Tube 4 - Pixel 7 - Intensity fine	RGB Panel 1 - Red 4	Single Tube 3 - Pattern Dimmer
123		Single Tube 4 - Pixel 8 - Intensity	RGB Panel 1 - Green 4	Single Tube 3 - Pattern selection
124		Single Tube 4 - Pixel 8 - Intensity fine	RGB Panel 1 - Blue 4	Single Tube 3 - Pattern speed
125		Single Tube 4 - Pixel 9 - Intensity	RGB Panel 1 - Red 5	Single Tube 3 - Pattern X-fade
126		Single Tube 4 - Pixel 9 - Intensity fine	RGB Panel 1 - Green 5	Single Tube 3 - Pattern Space

Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
127		Single Tube 4 - Pixel 10 - Intensity	RGB Panel 1 - Blue 5	Single Tube 4 - Pixel 1 - Intensity
128		Single Tube 4 - Pixel 10 - Intensity fine	RGB Panel 1 - Red 6	Single Tube 4 - Pixel 1 - Intensity fine
129		Single Tube 4 - Pixel 11 - Intensity	RGB Panel 1 - Green 6	Single Tube 4 - Pixel 2 - Intensity
130		Single Tube 4 - Pixel 11 - Intensity fine	RGB Panel 1 - Blue 6	Single Tube 4 - Pixel 2 - Intensity fine
131		Single Tube 4 - Pixel 12 - Intensity	RGB Panel 2 - Shutter	Single Tube 4 - Pixel 3 - Intensity
132		Single Tube 4 - Pixel 12 - Intensity fine	RGB Panel 2 - Duration	Single Tube 4 - Pixel 3 - Intensity fine
133		RGB Panel 1 - Shutter	RGB Panel 2 - Pattern Dimmer	Single Tube 4 - Pixel 4 - Intensity
134		RGB Panel 1 - Duration	RGB Panel 2 - Pattern selection	Single Tube 4 - Pixel 4 - Intensity fine
135		RGB Panel 1 - Red 1	RGB Panel 2 - Pattern Speed	Single Tube 4 - Pixel 5 - Intensity
136		RGB Panel 1 - Red 1 fine	RGB Panel 2 - Pattern X-fade	Single Tube 4 - Pixel 5 - Intensity fine
137		RGB Panel 1 - Green 1	RGB Panel 2 - Pattern Space	Single Tube 4 - Pixel 6 - Intensity
138		RGB Panel 1 - Green 1 fine	RGB Panel 2 - Pattern Red	Single Tube 4 - Pixel 6 - Intensity fine
139		RGB Panel 1 - Blue 1	RGB Panel 2 - Pattern Green	Single Tube 4 - Pixel 7 - Intensity
140		RGB Panel 1 - Blue 1 fine	RGB Panel 2 - Pattern Blue	Single Tube 4 - Pixel 7 - Intensity fine
141		RGB Panel 1 - Red 2	RGB Panel 2 - CTC	Single Tube 4 - Pixel 8 - Intensity
142		RGB Panel 1 - Red 2 fine	RGB Panel 2 - Red 1	Single Tube 4 - Pixel 8 - Intensity fine
143		RGB Panel 1 - Green 2	RGB Panel 2 - Green 1	Single Tube 4 - Pixel 9 - Intensity
144		RGB Panel 1 - Green 2 fine	RGB Panel 2 - Blue 1	Single Tube 4 - Pixel 9 - Intensity fine
145		RGB Panel 1 - Blue 2	RGB Panel 2 - Red 2	Single Tube 4 - Pixel 10 - Intensity
146		RGB Panel 1 - Blue 2 fine	RGB Panel 2 - Green 2	Single Tube 4 - Pixel 10 - Intensity fine
147		RGB Panel 1 - Red 3	RGB Panel 2 - Blue 2	Single Tube 4 - Pixel 11 - Intensity
148		RGB Panel 1 - Red 3 fine	RGB Panel 2 - Red 3	Single Tube 4 - Pixel 11 - Intensity fine
149		RGB Panel 1 - Green 3	RGB Panel 2 - Green 3	Single Tube 4 - Pixel 12 - Intensity
150		RGB Panel 1 - Green 3 fine	RGB Panel 2 - Blue 3	Single Tube 4 - Pixel 12 - Intensity fine
151		RGB Panel 1 - Blue 3	RGB Panel 2 - Red 4	Single Tube 4 - Shutter
152		RGB Panel 1 - Blue 3 fine	RGB Panel 2 - Green 4	Single Tube 4 - Duration



Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
153		RGB Panel 1 - Red 4	RGB Panel 2 - Blue 4	Single Tube 4 - Pattern Dimmer
154		RGB Panel 1 - Red 4 fine	RGB Panel 2 - Red 5	Single Tube 4 - Pattern selection
155		RGB Panel 1 - Green 4	RGB Panel 2 - Green 5	Single Tube 4 - Pattern speed
156		RGB Panel 1 - Green 4 fine	RGB Panel 2 - Blue 5	Single Tube 4 - Pattern X-fade
157		RGB Panel 1 - Blue 4	RGB Panel 2 - Red 6	Single Tube 4 - Pattern Space
158		RGB Panel 1 - Blue 4 fine	RGB Panel 2 - Green 6	Single Tube Group (1-4) - Pattern Dimmer
159		RGB Panel 1 - Red 5	RGB Panel 2 - Blue 6	Single Tube Group (1-4) - Pattern selection
160		RGB Panel 1 - Red 5 fine	RGB Panel Group (1+2) - Dimmer	Single Tube Group (1-4) - Pattern speed
161		RGB Panel 1 - Green 5	RGB Panel Group (1+2) - Pattern selection	Single Tube Group (1-4) - Pattern X-fade
162		RGB Panel 1 - Green 5 fine	RGB Panel Group (1+2) - Pattern speed	Single Tube Group (1-4) - Pattern Space
163		RGB Panel 1 - Blue 5	RGB Panel Group (1+2) - Pattern X-fade	RGB Panel 1 - Shutter
164		RGB Panel 1 - Blue 5 fine	RGB Panel Group (1+2) - Pattern Space	RGB Panel 1 - Duration
165		RGB Panel 1 - Red 6	RGB Panel Group (1+2) - Pattern Red	RGB Panel 1 - Pattern Dimmer
166		RGB Panel 1 - Red 6 fine	RGB Panel Group (1+2) - Pattern Green	RGB Panel 1 - Pattern selection
167		RGB Panel 1 - Green 6	RGB Panel Group (1+2) - Pattern Blue	RGB Panel 1 - Pattern speed
168		RGB Panel 1 - Green 6 fine	Device Settings	RGB Panel 1 - Pattern X-fade
169		RGB Panel 1 - Blue 6		RGB Panel 1 - Pattern Space
170		RGB Panel 1 - Blue 6 fine		RGB Panel 1 - Pattern Red
171		RGB Panel 2 - Shutter		RGB Panel 1 - Pattern Green
172		RGB Panel 2 - Duration		RGB Panel 1 - Pattern Blue
173		RGB Panel 2 - Red 1		RGB Panel 1 - CTC
174		RGB Panel 2 - Red 1 fine		RGB Panel 1 - Red 1
175		RGB Panel 2 - Green 1		RGB Panel 1 - Red 1 fine
176		RGB Panel 2 - Green 1 fine		RGB Panel 1 - Green 1
177		RGB Panel 2 - Blue 1		RGB Panel 1 - Green 1 fine

Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
178		RGB Panel 2 - Blue 1 fine		RGB Panel 1 - Blue 1
179		RGB Panel 2 - Red 2		RGB Panel 1 - Blue 1 fine
180		RGB Panel 2 - Red 2 fine		RGB Panel 1 - Red 2
181		RGB Panel 2 - Green 2		RGB Panel 1 - Red 2 fine
182		RGB Panel 2 - Green 2 fine		RGB Panel 1 - Green 2
183		RGB Panel 2 - Blue 2		RGB Panel 1 - Green 2 fine
184		RGB Panel 2 - Blue 2 fine		RGB Panel 1 - Blue 2
185		RGB Panel 2 - Red 3		RGB Panel 1 - Blue 2 fine
186		RGB Panel 2 - Red 3 fine		RGB Panel 1 - Red 3
187		RGB Panel 2 - Green 3		RGB Panel 1 - Red 3 fine
188		RGB Panel 2 - Green 3 fine		RGB Panel 1 - Green 3
189		RGB Panel 2 - Blue 3		RGB Panel 1 - Green 3 fine
190		RGB Panel 2 - Blue 3 fine		RGB Panel 1 - Blue 3
191		RGB Panel 2 - Red 4		RGB Panel 1 - Blue 3 fine
192		RGB Panel 2 - Red 4 fine		RGB Panel 1 - Red 4
193		RGB Panel 2 - Green 4		RGB Panel 1 - Red 4 fine
194		RGB Panel 2 - Green 4 fine		RGB Panel 1 - Green 4
195		RGB Panel 2 - Blue 4		RGB Panel 1 - Green 4 fine
196		RGB Panel 2 - Blue 4 fine		RGB Panel 1 - Blue 4
197		RGB Panel 2 - Red 5		RGB Panel 1 - Blue 4 fine
198		RGB Panel 2 - Red 5 fine		RGB Panel 1 - Red 5
199		RGB Panel 2 - Green 5		RGB Panel 1 - Red 5 fine
200		RGB Panel 2 - Green 5 fine		RGB Panel 1 - Green 5
201		RGB Panel 2 - Blue 5		RGB Panel 1 - Green 5 fine
202		RGB Panel 2 - Blue 5 fine		RGB Panel 1 - Blue 5

Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
203		RGB Panel 2 - Red 6		RGB Panel 1 - Blue 5 fine
204		RGB Panel 2 - Red 6 fine		RGB Panel 1 - Red 6
205		RGB Panel 2 - Green 6		RGB Panel 1 - Red 6 fine
206		RGB Panel 2 - Green 6 fine		RGB Panel 1 - Green 6
207		RGB Panel 2 - Blue 6		RGB Panel 1 - Green 6 fine
208		RGB Panel 2 - Blue 6 fine		RGB Panel 1 - Blue 6
209		Device Settings		RGB Panel 1 - Blue 6 fine
210				RGB Panel 2 - Shutter
211				RGB Panel 2 - Duration
212				RGB Panel 2 - Pattern Dimmer
213				RGB Panel 2 - Pattern selection
214				RGB Panel 2 - Pattern speed
215				RGB Panel 2 - Pattern X-fade
216				RGB Panel 2 - Pattern Space
217				RGB Panel 2 - Pattern Red
218				RGB Panel 2 - Pattern Green
219				RGB Panel 2 - Pattern Blue
220				RGB Panel 2 - CTC
221				RGB Panel 2 - Red 1
222				RGB Panel 2 - Red 1 fine
223				RGB Panel 2 - Green 1
224				RGB Panel 2 - Green 1 fine
225				RGB Panel 2 - Blue 1
226				RGB Panel 2 - Blue 1 fine
227				RGB Panel 2 - Red 2

Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
228				RGB Panel 2 - Red 2 fine
229				RGB Panel 2 - Green 2
230				RGB Panel 2 - Green 2 fine
231				RGB Panel 2 - Blue 2
232				RGB Panel 2 - Blue 2 fine
233				RGB Panel 2 - Red 3
234				RGB Panel 2 - Red 3 fine
235				RGB Panel 2 - Green 3
236				RGB Panel 2 - Green 3 fine
237				RGB Panel 2 - Blue 3
238				RGB Panel 2 - Blue 3 fine
239				RGB Panel 2 - Red 4
240				RGB Panel 2 - Red 4 fine
241				RGB Panel 2 - Green 4
242				RGB Panel 2 - Green 4 fine
243				RGB Panel 2 - Blue 4
244				RGB Panel 2 - Blue 4 fine
245				RGB Panel 2 - Red 5
246				RGB Panel 2 - Red 5 fine
247				RGB Panel 2 - Green 5
248				RGB Panel 2 - Green 5 fine
249				RGB Panel 2 - Blue 5
250				RGB Panel 2 - Blue 5 fine
251				RGB Panel 2 - Red 6
252				RGB Panel 2 - Red 6 fine

Channel	Pure Mode 112CH / 8Bit	Pure Mode 209CH / 16 Bit	Full Access Mode 168CH	Full Access Extend Mode 265CH
253				RGB Panel 2 - Green 6
254				RGB Panel 2 - Green 6 fine
255				RGB Panel 2 - Blue 6
256				RGB Panel 2 - Blue 6 fine
257				RGB Panel Group (1+2) - Pattern Dimmer
258				RGB Panel Group (1+2) - Pattern selection
259				RGB Panel Group (1+2) - Pattern speed
260				RGB Panel Group (1+2) - Pattern X-fade
261				RGB Panel Group (1+2) - Pattern Space
262				RGB Panel Group (1+2) Pattern Red
263				RGB Panel Group (1+2) Pattern Green
264				RGB Panel Group (1+2) Pattern Blue
265				Device Settings

15CH SIMPLE MODE					
CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Centric Tube - Dimmer	000-255		0	
3	Centric Tube - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast @ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast @ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast @ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast @ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast @ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast @ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast @ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast @ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast @ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast @ slow)				
245 - 255	Shutter open				
4	Centric Tube - Duration	000-255		0	only affects to Strobe 1 (025-064)
5	Single Tube (1-4) - Dimmer	000-255		0	
6	Single Tube (1-4) - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fas @ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast @ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast @ slow)		
		105 - 109	Shutter open		

**15CH SIMPLE MODE**

6	Single Tube (1-4) - Shutter	110 - 124	Strobe 4: random strobe (fast ⊕ slow)	22	
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
7	Single Tube (1-4) - Duration	000-255		0	only affects to Strobe 1 (025-064)
8	RGB Panels (1+2) - Dimmer	000-255		255	
9	RGB Panels (1+2) - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
205 - 209	Shutter open				
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				

**15CH SIMPLE MODE**

9	RGB Panels (1+2) - Shutter	225 - 229	Shutter open	22	
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
10	RGB Panels (1+2) - Duration	000-255		0	only affects to Strobe 1 (025-064)
11	RGB Panels (1+2) - Red	000-255		255	
12	RGB Panels (1+2) - Green	000-255		255	
13	RGB Panels (1+2) - Blue	000-255		255	
14	RGB Panels (1+2) - CTC	000 - 004	7000K	2	according to CTC chart
		005-226	2000K-6500K linear in 20-21K steps (please see detailed CTC chart)		
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K linear in 120-121K steps (please see detailed CTC chart)		
15	Device Settings (please see remark *1)	000-019	No function	on / off	
		020-024	Display Backlight On (hold 3s)		
		025-029	Display Backlight Off (hold 3s)		
		030-034	No function	Hold / Blackout / Emergency Light	
		035-039	DMX Fail Blackout (hold 3s)		
		040-044	DMX Fail Hold (hold 3s)		
		045-049	DMX Fail - Emergency Light (hold 3s)		
		050-054	No function	Full Calibration CCT Calibration	
		055-059	Full Calibration (Colors & CCT / hold 3s)		
		060-064	CCT Calibration (RAW Colors / hold 3s)		
		065-069	No function	800 Hz, <b>1200 Hz</b> 2000 Hz, 3600 Hz, 12000 Hz, 25000 Hz	
		070-074	LED Frequency 800Hz (hold 3s)		
		075-079	LED Frequency 1200Hz (hold 3s)		
		080-084	LED Frequency 2000Hz (hold 3s)		
		085-089	LED Frequency 3600Hz (hold 3s)		
		090-094	LED Frequency 12kHz (hold 3s)		
		095-099	LED Frequency 25kHz (hold 3s)		
		100-104	No function	Auto, Silent Fan Off, Max. Power	
		105-109	Fan Auto (hold 3s)		
		110-114	Fan Silent (hold 3s)		
115-119	Fan Off (hold 3s)				
120-124	Fan High Power (hold 3s)				
		125-129	No function		



**15CH SIMPLE MODE**

15	Device Settings (please see remark *1)	130-134	Invert RGB Panel 1 Off (hold 1,5s)	on / off	
		135-139	Invert RGB Panel 1 On (hold 1,5s)		
		140-144	Invert RGB Panel 2 Off (hold 1,5s)	on / off	
		145-149	Invert RGB Panel 2 On (hold 1,5s)		
		150-154	Invert Centric Tube Off (hold 1,5s)	on / off	
		155-159	Invert Centric Tube On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)	on / off	
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)	on / off	
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Invert Single Tube 3 Off (hold 1,5s)	on / off	
		185-189	Invert Single Tube 3 On (hold 1,5s)		
		190-194	Invert Single Tube 4 Off (hold 1,5s)	on / off	
		195-199	Invert Single Tube 4 On (hold 1,5s)		
		200-204	Swap RGB Panels Off (hold 1,5s)	on / off	
		205-209	Swap RGB Panels On (hold 1,5s)		
		210-214	Swap Single Tubes Off (hold 1,5s)	on / off	
		215-219	Swap Single Tubes On (hold 1,5s)		
		220-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)	Illumination, <b>Boost</b>	
		230-234	LED Mode - Boost (hold 1,5s)		
		235-239	No function		
		240-244	Factory Reset (hold 3s)		No Change of DMX Address and Mode!
		245-249	User Reset (hold 3s)		No Change of DMX Address and Mode!
		250-255	No function		

**31CH EASY MODE**

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Centric Tube - Dimmer	000-255		0	
3	Centric Tube - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
		245 - 255	Shutter open		
4	Centric Tube - Duration	000-255		0	only affects to Strobe 1 (025-064)
5	Centric Tube - Pattern Dimmer	000-255		0	
6	Centric Tube - Pattern Selection	000-255		3	According to Tube Pattern Chart
7	Centric Tube - Pattern Speed	000-005	No Function	0	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		

**31CH EASY MODE**

8	Centric Tube - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
9	Centric Tube - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
10	Single Tubes (1-4) - Dimmer	000-255		0	
11	Single Tubes (1-4) - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				
225 - 229	Shutter open				
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
12	Single Tubes (1-4) - Duration	000-255		0	only affects to Strobe 1 (025-064)
13	Single Tubes (1-4) - Pattern Dimmer	000-255		0	
14	Single Tubes (1-4) - Pattern selection	000-255		3	according to Tube Pattern Chart
15	Single Tubes Group (1-4) - Pattern selection	000-255		3	according to Tube Group Pattern Chart

**31CH EASY MODE**

16	Single Tubes (1-4) - Pattern speed	000-005	No Function	0	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
17	Single Tubes (1-4) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
18	Single Tubes (1-4) - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
19	RGB Panels (1+2) - Dimmer	000-255		255	
20	RGB Panels (1+2) - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
21	RGB Panels (1+2) - Duration	000-255		0	only affects to Strobe 1 (025-064)

**31CH EASY MODE**

22	RGB Panels (1+2) - Red	000-255		255	
23	RGB Panels (1+2) - Green	000-255		255	
24	RGB Panels (1+2) - Blue	000-255		255	
25	RGB Panels (1+2) - CTC	000 - 004	7000K	2	according to CTC chart
		005-226	2000K-6500K linear in 20-21K steps (please see detailed CTC chart)		
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K linear in 120-121K steps (please see detailed CTC chart)		
26	RGB Panels (1+2) - Pattern Dimmer	000-255		0	
27	RGB Panels (1+2) - Pattern selection	000-255		3	according to RGB Panel chart for 31CH Easy mode & 64CH Standard mode.
28	RGB Panels (1+2) - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
29	RGB Panels (1+2) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
30	RGB Panels (1+2) - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
31	Device Settings (please see remark *1)	000-019	No function	on / off	
		020-024	Display Backlight On (hold 3s)		
		025-029	Display Backlight Off (hold 3s)		
		030-034	No function	Hold / Blackout / Emergency Light	
		035-039	DMX Fail Blackout (hold 3s)		
		040-044	DMX Fail Hold (hold 3s)		
		045-049	DMX Fail - Emergency Light (hold 3s)		
		050-054	No function		

**31CH EASY MODE**

31	Device Settings (please see remark *1)	055-059	Full Calibration (Colors & CCT / hold 3s)	Full Calibration <b>CCT Calibration</b>	
		060-064	CCT Calibration (RAW Colors / hold 3s)		
		065-069	No function		
		070-074	LED Frequency 800Hz (hold 3s)	800 Hz, <b>1200 Hz</b> 2000 Hz, 3600 Hz, 12000 Hz, 25000 Hz	
		075-079	LED Frequency 1200Hz (hold 3s)		
		080-084	LED Frequency 2000Hz (hold 3s)		
		085-089	LED Frequency 3600Hz (hold 3s)		
		090-094	LED Frequency 12kHz (hold 3s)		
		095-099	LED Frequency 25kHz (hold 3s)		
		100-104	No function		
		105-109	Fan Auto (hold 3s)	<b>Auto, Silent</b> Fan Off, Max. Power	
		110-114	Fan Silent (hold 3s)		
		115-119	Fan Off (hold 3s)		
		120-124	Fan High Power (hold 3s)		
		125-129	No function		
		130-134	Invert RGB Panel 1 Off (hold 1,5s)	on / <b>off</b>	
		135-139	Invert RGB Panel 1 On (hold 1,5s)		
		140-144	Invert RGB Panel 2 Off (hold 1,5s)	on / <b>off</b>	
		145-149	Invert RGB Panel 2 On (hold 1,5s)		
		150-154	Invert Centric Tube Off (hold 1,5s)	on / <b>off</b>	
		155-159	Invert Centric Tube On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)	on / <b>off</b>	
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)	on / <b>off</b>	
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Invert Single Tube 3 Off (hold 1,5s)	on / <b>off</b>	
		185-189	Invert Single Tube 3 On (hold 1,5s)		
		190-194	Invert Single Tube 4 Off (hold 1,5s)	on / <b>off</b>	
		195-199	Invert Single Tube 4 On (hold 1,5s)		
		200-204	Swap RGB Panels Off (hold 1,5s)	on / <b>off</b>	
		205-209	Swap RGB Panels On (hold 1,5s)		
210-214	Swap Single Tubes Off (hold 1,5s)	on / <b>off</b>			
215-219	Swap Single Tubes On (hold 1,5s)				
220-224	No function				
225-229	LED Mode - Illumination (hold 1,5s)	Illumination, <b>Boost</b>			
230-234	LED Mode - Boost (hold 1,5s)				
235-239	No function				
240-244	Factory Reset (hold 3s)		No Change of DMX Address and Mode!		
245-249	User Reset (hold 3s)		No Change of DMX Address and Mode!		
250-255	No function				

**64CH STANDARD MODE (default)**

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Centric Tube - Dimmer	000-255		0	
3	Centric Tube - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast @ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast @ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast @ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast @ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast @ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast @ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast @ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast @ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast @ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast @ slow)				
245 - 255	Shutter open				
4	Centric Tube - Duration	000-255		0	only affects to Strobe 1 (025-064)
5	Centric Tube - Pattern Dimmer	000-255		0	
6	Centric Tube - Pattern Selection	000-255		3	according to Tube Pattern Chart
7	Centric Tube - Pattern Speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		

**64CH STANDARD MODE (default)**

8	Centric Tube - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
9	Centric Tube - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
10	Single Tube 1 - Dimmer	000-255		0	
11	Single Tube 1 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast @ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast @ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fas @ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast @ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast @ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6:random closing pulse (fast @ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast @ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast @ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9:sine wave (fast @ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast @ slow)				
245 - 255	Shutter open				
12	Single Tube 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
13	Sinlge Tube 1 - Pattern Dimmer	000-255		0	
14	Single Tube 1 - Pattern selection	000-255		3	according to Tube Pattern Chart



**64CH STANDARD MODE (default)**

15	Single Tube 1 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
16	Single Tube 1 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
17	Single Tube 1 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
18	Single Tube 2 - Dimmer	000-255		0	
19	Single Tube 2 - Shutter Single Tube 2 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast @ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast @ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast @ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast @ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast @ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast @ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast @ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast @ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast @ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast @ slow)				
245 - 255	Shutter open				

**64CH STANDARD MODE (default)**

20	Single Tube 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
21	Single Tube 2 - Pattern Dimmer	000-255		0	according to Tube Pattern Chart
22	Single Tube 2 - Pattern selection	000-255		3	
23	Single Tube 2 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
24	Single Tube 2 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
25	Single Tube 2 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
26	Single Tube 3 - Dimmer	000-255		0	
27	Single Tube 3 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast @ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast @ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast @ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast @ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast @ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast @ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast @ slow)		
185 - 189	Shutter open				

**64CH STANDARD MODE (default)**

27	Single Tube 3 - Shutter	190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)	22	
		205 - 209	Shutter open		
		210 - 224	Strobe 9:sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
28	Single Tube 3 - Duration	000-255		0	only affects to Strobe 1 (025-064)
29	Single Tube 3 - Pattern Dimmer	000-255		0	
30	Single Tube 3 - Pattern selection	000-255		3	according to Tube Pattern Chart
31	Single Tube 3 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
32	Single Tube 3 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
33	Single Tube 3 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
34	Single Tube 4 - Dimmer	000-255		0	
35	Single Tube 4 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		

**64CH STANDARD MODE (default)**

35	Single Tube 4 - Shutter	150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)	22	
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
36	Single Tube 4 - Duration	000-255		0	only affects to Strobe 1 (025-064)
37	Single Tube 4 - Pattern Dimmer	000-255		0	
38	Single Tube 4 - Pattern selection	000-255		3	according to Tube Pattern Chart
39	Single Tube 4 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
40	Single Tube 4 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
41	Single Tube 4 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
42	Single Tube Group (1-4) - Pattern Dimmer	000-255		0	
43	Single Tube Group (1-4) - Pattern selection	000-255		3	according to Tube Group Pattern Chart
44	Single Tube Group (1-4) - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
45	Single Tube Group (1-4) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		

**64CH STANDARD MODE (default)**

46	Single Tube Group (1-4) - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
47	RGB Panel (1+2) - Dimmer	000-255		255	
48	RGB Panel (1+2) - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
49	RGB Panel (1+2) - Duration	000-255		0	only affects to Strobe 1 (025-064)
50	RGB Panel (1+2) - Red	000-255		255	
51	RGB Panel (1+2) - Green	000-255		255	
52	RGB Panel (1+2) - Blue	000-255		255	

**64CH STANDARD MODE (default)**

53	RGB Panel (1+2) - CTC	000 - 004	7000K	2	affects RGB Panels 1+2 and Patterns
		005-226	2000K-6500K linear in 20-21K steps (please see detailed CTC chart)		according to CTC chart
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K linear in 120-121K steps (please see detailed CTC chart)		
54	RGB Panel (1+2) - Color Macros	000-255		3	according to ROXX Color Macro chart
55	RGB Panel (1+2) - Color Macro X-fade	000 - 005	no function	3	
		006-105	0,1s - 10s (0,1s steps)		
		106-214	11s - 119s (1s steps)		
		215-244	2m - 4m50s (10s steps)		
		245-255	5m - 15m (1m steps)		
56	RGB Panel (1+2) - Pattern Dimmer	000-255		0	
57	RGB Panel (1+2) - Pattern selection	000-255		3	according to RGB Panel chart for 31CH Easy mode & 64CH Standard mode.
58	RGB Panel (1+2) - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
59	RGB Panel (1+2) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
60	RGB Panel (1+2) - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
61	RGB Panel (1+2) - Pattern Red	000-255			
62	RGB Panel (1+2) - Pattern Green	000-255			
63	RGB Panel (1+2) - Pattern Blue	000-255			

**64CH STANDARD MODE (default)**

64	Device Settings (please see remark *1)	000-019	No function		
		020-024	Display Backlight On (hold 3s)	<b>on / off</b>	
		025-029	Display Backlight Off (hold 3s)		
		030-034	No function		
		035-039	DMX Fail Blackout (hold 3s)	<b>Hold / Blackout / Emergency Light</b>	
		040-044	DMX Fail Hold (hold 3s)		
		045-049	DMX Fail - Emergency Light (hold 3s)		
		050-054	No function		
		055-059	Full Calibration (Colors & CCT / hold 3s)	<b>Full Calibration CCT Calibration</b>	
		060-064	CCT Calibration (RAW Colors / hold 3s)		
		065-069	No function		
		070-074	LED Frequency 800Hz (hold 3s)	<b>800 Hz, 1200 Hz 2000 Hz, 3600 Hz, 12000 Hz, 25000 Hz</b>	
		075-079	LED Frequency 1200Hz (hold 3s)		
		080-084	LED Frequency 2000Hz (hold 3s)		
		085-089	LED Frequency 3600Hz (hold 3s)		
		090-094	LED Frequency 12kHz (hold 3s)		
		095-099	LED Frequency 25kHz (hold 3s)		
		100-104	No function		
		105-109	Fan Auto (hold 3s)	<b>Auto, Silent Fan Off, Max. Power</b>	
		110-114	Fan Silent (hold 3s)		
		115-119	Fan Off (hold 3s)		
		120-124	Fan High Power (hold 3s)		
		125-129	No function		
		130-134	Invert RGB Panel 1 Off (hold 1,5s)	<b>on / off</b>	
		135-139	Invert RGB Panel 1 On (hold 1,5s)		
		140-144	Invert RGB Panel 2 Off (hold 1,5s)	<b>on / off</b>	
		145-149	Invert RGB Panel 2 On (hold 1,5s)		
		150-154	Invert Centric Tube Off (hold 1,5s)	<b>on / off</b>	
		155-159	Invert Centric Tube On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)	<b>on / off</b>	
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)	<b>on / off</b>	
175-179	Invert Single Tube 2 On (hold 1,5s)				
180-184	Invert Single Tube 3 Off (hold 1,5s)	<b>on / off</b>			
185-189	Invert Single Tube 3 On (hold 1,5s)				
190-194	Invert Single Tube 4 Off (hold 1,5s)	<b>on / off</b>			
195-199	Invert Single Tube 4 On (hold 1,5s)				
200-204	Swap RGB Panels Off (hold 1,5s)	<b>on / off</b>			
205-209	Swap RGB Panels On (hold 1,5s)				

**64CH STANDARD MODE (default)**

64	Device Settings (please see remark *1)	210-214	Swap Single Tubes Off (hold 1,5s)	on / off	
		215-219	Swap Single Tubes On (hold 1,5s)		
		220-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)	Illumination, <b>Boost</b>	
		230-234	LED Mode - Boost (hold 1,5s)		
		235-239	No function		
		240-244	Factory Reset (hold 3s)		No Change of DMX Address and Mode!
		245-249	User Reset (hold 3s)		No Change of DMX Address and Mode!
		250-255	No function		

**112CH PURE MODE**

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Centric Tube - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
205 - 209	Shutter open				
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				
225 - 229	Shutter open				



**112CH PURE MODE**

2	Centric Tube - Shutter	230 - 244	Strobe 10: burst (fast ⊕ slow)	22	only affects to Strobe 1 (025-064)
		245 - 255	Shutter open		
3	Centric Tube - Duration	000-255		0	
4	Centric Tube - Pixel 1 - Intensity	000-255		0	
5	Centric Tube - Pixel 2 - Intensity	000-255		0	
6	Centric Tube - Pixel 3 - Intensity	000-255		0	
7	Centric Tube - Pixel 4 - Intensity	000-255		0	
8	Centric Tube - Pixel 5 - Intensity	000-255		0	
9	Centric Tube - Pixel 6 - Intensity	000-255		0	
10	Centric Tube - Pixel 7 - Intensity	000-255		0	
11	Centric Tube - Pixel 8 - Intensity	000-255		0	
12	Centric Tube - Pixel 9 - Intensity	000-255		0	
13	Centric Tube - Pixel 10 - Intensity	000-255		0	
14	Centric Tube - Pixel 11 - Intensity	000-255		0	
15	Centric Tube - Pixel 12 - Intensity	000-255		0	
16	Single Tube 1 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
170 - 184	Strobe 7: burst pulse (fast ⊕ slow)				
		185 - 189	Shutter open		

**112CH PURE MODE**

16	Single Tube 1 - Shutter	190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)	22	
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
17	Single Tube 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
18	Single Tube 1 - Pixel 1 - Intensity	000-255		0	
19	Single Tube 1 - Pixel 2 - Intensity	000-255		0	
20	Single Tube 1 - Pixel 3 - Intensity	000-255		0	
21	Single Tube 1 - Pixel 4 - Intensity	000-255		0	
22	Single Tube 1 - Pixel 5 - Intensity	000-255		0	
23	Single Tube 1 - Pixel 6 - Intensity	000-255		0	
24	Single Tube 1 - Pixel 7 - Intensity	000-255		0	
25	Single Tube 1 - Pixel 8 - Intensity	000-255		0	
26	Single Tube 1 - Pixel 9 - Intensity	000-255		0	
27	Single Tube 1 - Pixel 10 - Intensity	000-255		0	
28	Single Tube 1 - Pixel 11 - Intensity	000-255		0	
29	Single Tube 1 - Pixel 12 - Intensity	000-255		0	
30	Single Tube 2 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		

**112CH PURE MODE**

30	Single Tube 2 - Shutter	150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)	22	
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
31	Single Tube 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
32	Single Tube 2 - Pixel 1 - Intensity	000-255		0	
33	Single Tube 2 - Pixel 2 - Intensity	000-255		0	
34	Single Tube 2 - Pixel 3 - Intensity	000-255		0	
35	Single Tube 2 - Pixel 4 - Intensity	000-255		0	
36	Single Tube 2 - Pixel 5 - Intensity	000-255		0	
37	Single Tube 2 - Pixel 6 - Intensity	000-255		0	
38	Single Tube 2 - Pixel 7 - Intensity	000-255		0	
39	Single Tube 2 - Pixel 8 - Intensity	000-255		0	
40	Single Tube 2 - Pixel 9 - Intensity	000-255		0	
41	Single Tube 2 - Pixel 10 - Intensity	000-255		0	
42	Single Tube 2 - Pixel 11 - Intensity	000-255		0	
43	Single Tube 2 - Pixel 12 - Intensity	000-255		0	
44	Single Tube 3 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		

**112CH PURE MODE**

44	Single Tube 3 - Shutter	110 - 124	Strobe 4: random strobe (fast ⊕ slow)	22	
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
45	Single Tube 3 - Duration	000-255		0	only affects to Strobe 1 (025-064)
46	Single Tube 3 - Pixel 1 - Intensity	000-255		0	
47	Single Tube 3 - Pixel 2 - Intensity	000-255		0	
48	Single Tube 3 - Pixel 3 - Intensity	000-255		0	
49	Single Tube 3 - Pixel 4 - Intensity	000-255		0	
50	Single Tube 3 - Pixel 5 - Intensity	000-255		0	
51	Single Tube 3 - Pixel 6 - Intensity	000-255		0	
52	Single Tube 3 - Pixel 7 - Intensity	000-255		0	
53	Single Tube 3 - Pixel 8 - Intensity	000-255		0	
54	Single Tube 3 - Pixel 9 - Intensity	000-255		0	
55	Single Tube 3 - Pixel 10 - Intensity	000-255		0	
56	Single Tube 3 - Pixel 11 - Intensity	000-255		0	
57	Single Tube 3 - Pixel 12 - Intensity	000-255		0	
58	Single Tube 4 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		

**112CH PURE MODE**

58	Single Tube 4 - Shutter	070 - 084	Strobe 2: opening pulse (fast ⊕ slow)	22	
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
59	Single Tube 4 - Duration	000-255		0	only affects to Strobe 1 (025-064)
60	Single Tube 4 - Pixel 1 - Intensity	000-255		0	
61	Single Tube 4 - Pixel 2 - Intensity	000-255		0	
62	Single Tube 4 - Pixel 3 - Intensity	000-255		0	
63	Single Tube 4 - Pixel 4 - Intensity	000-255		0	
64	Single Tube 4 - Pixel 5 - Intensity	000-255		0	
65	Single Tube 4 - Pixel 6 - Intensity	000-255		0	
66	Single Tube 4 - Pixel 7 - Intensity	000-255		0	
67	Single Tube 4 - Pixel 8 - Intensity	000-255		0	
68	Single Tube 4 - Pixel 9 - Intensity	000-255		0	
69	Single Tube 4 - Pixel 10 - Intensity	000-255		0	
70	Single Tube 4 - Pixel 11 - Intensity	000-255		0	
71	Single Tube 4 - Pixel 12 - Intensity	000-255		0	

**112CH PURE MODE**

72	RGB Panel 1 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
73	RGB Panel 1 - Duration	000-255		255	only affects to Strobe 1 (025-064)
74	RGB Panel 1 - Red 1	000-255		255	
75	RGB Panel 1 - Green 1	000-255		255	
76	RGB Panel 1 - Blue 1	000-255		255	
77	RGB Panel 1 - Red 2	000-255		255	
78	RGB Panel 1 - Green 2	000-255		255	
79	RGB Panel 1 - Blue 2	000-255		255	
80	RGB Panel 1 - Red 3	000-255		255	
81	RGB Panel 1 - Green 3	000-255		255	
82	RGB Panel 1 - Blue 3	000-255		255	

**112CH PURE MODE**

83	RGB Panel 1 - Red 4	000-255		255	
84	RGB Panel 1 - Green 4	000-255		255	
85	RGB Panel 1 - Blue 4	000-255		255	
86	RGB Panel 1 - Red 5	000-255		255	
87	RGB Panel 1 - Green 5	000-255		255	
88	RGB Panel 1 - Blue 5	000-255		255	
89	RGB Panel 1 - Red 6	000-255		255	
90	RGB Panel 1 - Green 6	000-255		255	
91	RGB Panel 1 - Blue 6	000-255		255	
92	RGB Panel 2 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				

## 112CH PURE MODE

93	RGB Panel 2 - Duration	000-255		255	only affects to Strobe 1 (025-064)
94	RGB Panel 2 - Red 1	000-255		255	
95	RGB Panel 2 - Green 1	000-255		255	
96	RGB Panel 2 - Blue 1	000-255		255	
97	RGB Panel 2 - Red 2	000-255		255	
98	RGB Panel 2 - Green 2	000-255		255	
99	RGB Panel 2 - Blue 2	000-255		255	
100	RGB Panel 2 - Red 3	000-255		255	
101	RGB Panel 2 - Green 3	000-255		255	
102	RGB Panel 2 - Blue 3	000-255		255	
103	RGB Panel 2 - Red 4	000-255		255	
104	RGB Panel 2 - Green 4	000-255		255	
105	RGB Panel 2 - Blue 4	000-255		255	
106	RGB Panel 2 - Red 5	000-255		255	
107	RGB Panel 2 - Green 5	000-255		255	
108	RGB Panel 2 - Blue 5	000-255		255	
109	RGB Panel 2 - Red 6	000-255		255	
110	RGB Panel 2 - Green 6	000-255		255	
111	RGB Panel 2 - Blue 6	000-255		255	
112	Device Settings (please see remark *1)	000-019	No function	<b>on / off</b>	
		020-024	Display Backlight On (hold 3s)		
		025-029	Display Backlight Off (hold 3s)		
		030-034	No function	<b>Hold / Blackout / Emergency Light</b>	
		035-039	DMX Fail Blackout (hold 3s)		
		040-044	DMX Fail Hold (hold 3s)		
		045-049	DMX Fail - Emergency Light (hold 3s)		
		050-054	No function	<b>Full Calibration CCT Calibration</b>	
		055-059	Full Calibration (Colors & CCT / hold 3s)		
		060-064	CCT Calibration (RAW Colors / hold 3s)		



**112CH PURE MODE**

112	Device Settings (please see remark *1)	065-069	No function		
		070-074	LED Frequency 800Hz (hold 3s)	800 Hz, <b>1200 Hz</b> 2000 Hz, 3600 Hz, 12000 Hz, 25000 Hz	
		075-079	LED Frequency 1200Hz (hold 3s)		
		080-084	LED Frequency 2000Hz (hold 3s)		
		085-089	LED Frequency 3600Hz (hold 3s)		
		090-094	LED Frequency 12kHz (hold 3s)		
		095-099	LED Frequency 25kHz (hold 3s)		
		100-104	No function		
		105-109	Fan Auto (hold 3s)	<b>Auto</b> , Silent Fan Off, Max. Power	
		110-114	Fan Silent (hold 3s)		
		115-119	Fan Off (hold 3s)		
		120-124	Fan High Power (hold 3s)		
		125-129	No function		
		130-134	Invert RGB Panel 1 Off (hold 1,5s)	<b>on / off</b>	
		135-139	Invert RGB Panel 1 On (hold 1,5s)		
		140-144	Invert RGB Panel 2 Off (hold 1,5s)	<b>on / off</b>	
		145-149	Invert RGB Panel 2 On (hold 1,5s)		
		150-154	Invert Centric Tube Off (hold 1,5s)	<b>on / off</b>	
		155-159	Invert Centric Tube On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)	<b>on / off</b>	
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)	<b>on / off</b>	
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Invert Single Tube 3 Off (hold 1,5s)	<b>on / off</b>	
		185-189	Invert Single Tube 3 On (hold 1,5s)		
		190-194	Invert Single Tube 4 Off (hold 1,5s)	<b>on / off</b>	
		195-199	Invert Single Tube 4 On (hold 1,5s)		
		200-204	Swap RGB Panels Off (hold 1,5s)	<b>on / off</b>	
		205-209	Swap RGB Panels On (hold 1,5s)		
		210-214	Swap Single Tubes Off (hold 1,5s)	<b>on / off</b>	
		215-219	Swap Single Tubes On (hold 1,5s)		
		220-224	No function		
225-229	LED Mode - Illumination (hold 1,5s)	Illumination, <b>Boost</b>			
230-234	LED Mode - Boost (hold 1,5s)				
235-239	No function				
240-244	Factory Reset (hold 3s)		No Change of DMX Address and Mode!		
245-249	User Reset (hold 3s)		No Change of DMX Address and Mode!		
250-255	No function				

**209CH PURE MODE**

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Master Dimmer fine	000-255		0	
3	Centric Tube - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				
225 - 229	Shutter open				
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
4	Centric Tube - Duration	000-255		0	only affects to Strobe 1 (025-064)
5	Centric Tube - Pixel 1 - Intensity	000-255		0	
6	Centric Tube - Pixel 1 - Intensity fine	000-255		0	
7	Centric Tube - Pixel 2 - Intensity	000-255		0	
8	Centric Tube - Pixel 2 - Intensity fine	000-255		0	
9	Centric Tube - Pixel 3 - Intensity	000-255		0	
10	Centric Tube - Pixel 3 - Intensity fine	000-255		0	
11	Centric Tube - Pixel 4 - Intensity	000-255		0	

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12	Centric Tube - Pixel 4 - Intensity fine	000-255		0	
13	Centric Tube - Pixel 5 - Intensity	000-255		0	
14	Centric Tube - Pixel 5 - Intensity fine	000-255		0	
15	Centric Tube - Pixel 6 - Intensity	000-255		0	
16	Centric Tube - Pixel 6 - Intensity fine	000-255		0	
17	Centric Tube - Pixel 7 - Intensity	000-255		0	
18	Centric Tube - Pixel 7 - Intensity fine	000-255		0	
19	Centric Tube - Pixel 8 - Intensity	000-255		0	
20	Centric Tube - Pixel 8 - Intensity fine	000-255		0	
21	Centric Tube - Pixel 9 - Intensity	000-255		0	
22	Centric Tube - Pixel 9 - Intensity fine	000-255		0	
23	Centric Tube - Pixel 10 - Intensity	000-255		0	
24	Centric Tube - Pixel 10 - Intensity fine	000-255		0	
25	Centric Tube - Pixel 11 - Intensity	000-255		0	
26	Centric Tube - Pixel 11 - Intensity fine	000-255		0	
27	Centric Tube - Pixel 12 - Intensity	000-255		0	
28	Centric Tube - Pixel 12 - Intensity fine	000-255		0	
29	Single Tube 1 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		

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29	Single Tube 1 - Shutter	150 - 164	Strobe 6:random closing pulse (fast ⊕ slow)	22	
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9:sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
30	Single Tube 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
31	Single Tube 1 - Pixel 1 - Intensity	000-255		0	
32	Single Tube 1 - Pixel 1 - Intensity fine	000-255		0	
33	Single Tube 1 - Pixel 2 - Intensity	000-255		0	
34	Single Tube 1 - Pixel 2 - Intensity fine	000-255		0	
35	Single Tube 1 - Pixel 3 - Intensity	000-255		0	
36	Single Tube 1 - Pixel 3 - Intensity fine	000-255		0	
37	Single Tube 1 - Pixel 4 - Intensity	000-255		0	
38	Single Tube 1 - Pixel 4 - Intensity fine	000-255		0	
39	Single Tube 1 - Pixel 5 - Intensity	000-255		0	
40	Single Tube 1 - Pixel 5 - Intensity fine	000-255		0	
41	Single Tube 1 - Pixel 6 - Intensity	000-255		0	
42	Single Tube 1 - Pixel 6 - Intensity fine	000-255		0	
43	Single Tube 1 - Pixel 7 - Intensity	000-255		0	
44	Single Tube 1 - Pixel 7 - Intensity fine	000-255		0	
45	Single Tube 1 - Pixel 8 - Intensity	000-255		0	
46	Single Tube 1 - Pixel 8 - Intensity fine	000-255		0	
47	Single Tube 1 - Pixel 9 - Intensity	000-255		0	
48	Single Tube 1 - Pixel 9 - Intensity fine	000-255		0	

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49	Single Tube 1 - Pixel 10 - Intensity	000-255		0	
50	Single Tube 1 - Pixel 10 - Intensity fine	000-255		0	
51	Single Tube 1 - Pixel 11 - Intensity	000-255		0	
52	Single Tube 1 - Pixel 11 - Intensity fine	000-255		0	
53	Single Tube 1 - Pixel 12 - Intensity	000-255		0	
54	Single Tube 1 - Pixel 12 - Intensity fine	000-255		0	
55	Single Tube 2 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
56	Single Tube 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
57	Single Tube 2 - Pixel 1 - Intensity	000-255		0	
58	Single Tube 2 - Pixel 1 - Intensity fine	000-255		0	
59	Single Tube 2 - Pixel 2 - Intensity	000-255		0	

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60	Single Tube 2 - Pixel 2 - Intensity fine	000-255		0	
61	Single Tube 2 - Pixel 3 - Intensity	000-255		0	
62	Single Tube 2 - Pixel 3 - Intensity fine	000-255		0	
63	Single Tube 2 - Pixel 4 - Intensity	000-255		0	
64	Single Tube 2 - Pixel 4 - Intensity fine	000-255		0	
65	Single Tube 2 - Pixel 5 - Intensity	000-255		0	
66	Single Tube 2 - Pixel 5 - Intensity fine	000-255		0	
67	Single Tube 2 - Pixel 6 - Intensity	000-255		0	
68	Single Tube 2 - Pixel 6 - Intensity fine	000-255		0	
69	Single Tube 2 - Pixel 7 - Intensity	000-255		0	
70	Single Tube 2 - Pixel 7 - Intensity fine	000-255		0	
71	Single Tube 2 - Pixel 8 - Intensity	000-255		0	
72	Single Tube 2 - Pixel 8 - Intensity fine	000-255		0	
73	Single Tube 2 - Pixel 9 - Intensity	000-255		0	
74	Single Tube 2 - Pixel 9 - Intensity fine	000-255		0	
75	Single Tube 2 - Pixel 10 - Intensity	000-255		0	
76	Single Tube 2 - Pixel 10 - Intensity fine	000-255		0	
77	Single Tube 2 - Pixel 11 - Intensity	000-255		0	
78	Single Tube 2 - Pixel 11 - Intensity fine	000-255		0	
79	Single Tube 2 - Pixel 12 - Intensity	000-255		0	
80	Single Tube 2 - Pixel 12 - Intensity fine	000-255		0	
81	Single Tube 3 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		

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81	Single Tube 3 - Shutter	105 - 109	Shutter open	22	
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
82	Single Tube 3 - Duration	000-255		0	only affects to Strobe 1 (025-064)
83	Single Tube 3 - Pixel 1 - Intensity	000-255		0	
84	Single Tube 3 - Pixel 1 - Intensity fine	000-255		0	
85	Single Tube 3 - Pixel 2 - Intensity	000-255		0	
86	Single Tube 3 - Pixel 2 - Intensity fine	000-255		0	
87	Single Tube 3 - Pixel 3 - Intensity	000-255		0	
88	Single Tube 3 - Pixel 3 - Intensity fine	000-255		0	
89	Single Tube 3 - Pixel 4 - Intensity	000-255		0	
90	Single Tube 3 - Pixel 4 - Intensity fine	000-255		0	
91	Single Tube 3 - Pixel 5 - Intensity	000-255		0	
92	Single Tube 3 - Pixel 5 - Intensity fine	000-255		0	
93	Single Tube 3 - Pixel 6 - Intensity	000-255		0	
94	Single Tube 3 - Pixel 6 - Intensity fine	000-255		0	
95	Single Tube 3 - Pixel 7 - Intensity	000-255		0	
96	Single Tube 3 - Pixel 7 - Intensity fine	000-255		0	

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97	Single Tube 3 - Pixel 8 - Intensity	000-255		0	
98	Single Tube 3 - Pixel 8 - Intensity fine	000-255		0	
99	Single Tube 3 - Pixel 9 - Intensity	000-255		0	
100	Single Tube 3 - Pixel 9 - Intensity fine	000-255		0	
101	Single Tube 3 - Pixel 10 - Intensity	000-255		0	
102	Single Tube 3 - Pixel 10 - Intensity fine	000-255		0	
103	Single Tube 3 - Pixel 11 - Intensity	000-255		0	
104	Single Tube 3 - Pixel 11 - Intensity fine	000-255		0	
105	Single Tube 3 - Pixel 12 - Intensity	000-255		0	
106	Single Tube 3 - Pixel 12 - Intensity fine	000-255		0	
107	Single Tube 4 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				



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108	Single Tube 4 - Duration	000-255		0	only affects to Strobe 1 (025-064)
109	Single Tube 4 - Pixel 1 - Intensity	000-255		0	
110	Single Tube 4 - Pixel 1 - Intensity fine	000-255		0	
111	Single Tube 4 - Pixel 2 - Intensity	000-255		0	
112	Single Tube 4 - Pixel 2 - Intensity fine	000-255		0	
113	Single Tube 4 - Pixel 3 - Intensity	000-255		0	
114	Single Tube 4 - Pixel 3 - Intensity fine	000-255		0	
115	Single Tube 4 - Pixel 4 - Intensity	000-255		0	
116	Single Tube 4 - Pixel 4 - Intensity fine	000-255		0	
117	Single Tube 4 - Pixel 5 - Intensity	000-255		0	
118	Single Tube 4 - Pixel 5 - Intensity fine	000-255		0	
119	Single Tube 4 - Pixel 6 - Intensity	000-255		0	
120	Single Tube 4 - Pixel 6 - Intensity fine	000-255		0	
121	Single Tube 4 - Pixel 7 - Intensity	000-255		0	
122	Single Tube 4 - Pixel 7 - Intensity fine	000-255		0	
123	Single Tube 4 - Pixel 8 - Intensity	000-255		0	
124	Single Tube 4 - Pixel 8 - Intensity fine	000-255		0	
125	Single Tube 4 - Pixel 9 - Intensity	000-255		0	
126	Single Tube 4 - Pixel 9 - Intensity fine	000-255		0	
127	Single Tube 4 - Pixel 10 - Intensity	000-255		0	
128	Single Tube 4 - Pixel 10 - Intensity fine	000-255		0	
129	Single Tube 4 - Pixel 11 - Intensity	000-255		0	
130	Single Tube 4 - Pixel 11 - Intensity fine	000-255		0	
131	Single Tube 4 - Pixel 12 - Intensity	000-255		0	
132	Single Tube 4 - Pixel 12 - Intensity fine	000-255		0	

**209CH PURE MODE**

133	RGB Panel 1 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
134	RGB Panel 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
135	RGB Panel 1 - Red 1	000-255		0	
136	RGB Panel 1 - Red 1 fine	000-255		255	
137	RGB Panel 1 - Green 1	000-255		255	
138	RGB Panel 1 - Green 1 fine	000-255		255	
139	RGB Panel 1 - Blue 1	000-255		255	
140	RGB Panel 1 - Blue 1 fine	000-255		255	
141	RGB Panel 1 - Red 2	000-255		255	
142	RGB Panel 1 - Red 2 fine	000-255		255	
143	RGB Panel 1 - Green 2	000-255		255	

**209CH PURE MODE**

144	RGB Panel 1 - Green 2 fine	000-255		255	
145	RGB Panel 1 - Blue 2	000-255		255	
146	RGB Panel 1 - Blue 2 fine	000-255		255	
147	RGB Panel 1 - Red 3	000-255		255	
148	RGB Panel 1 - Red 3 fine	000-255		255	
149	RGB Panel 1 - Green 3	000-255		255	
150	RGB Panel 1 - Green 3 fine	000-255		255	
151	RGB Panel 1 - Blue 3	000-255		255	
152	RGB Panel 1 - Blue 3 fine	000-255		255	
153	RGB Panel 1 - Red 4	000-255		255	
154	RGB Panel 1 - Red 4 fine	000-255		255	
155	RGB Panel 1 - Green 4	000-255		255	
156	RGB Panel 1 - Green 4 fine	000-255		255	
157	RGB Panel 1 - Blue 4	000-255		255	
158	RGB Panel 1 - Blue 4 fine	000-255		255	
159	RGB Panel 1 - Red 5	000-255		255	
160	RGB Panel 1 - Red 5 fine	000-255		255	
161	RGB Panel 1 - Green 5	000-255		255	
162	RGB Panel 1 - Green 5 fine	000-255		255	
163	RGB Panel 1 - Blue 5	000-255		255	
164	RGB Panel 1 - Blue 5 fine	000-255		255	
165	RGB Panel 1 - Red 6	000-255		255	
166	RGB Panel 1 - Red 6 fine	000-255		255	
167	RGB Panel 1 - Green 6	000-255		255	
168	RGB Panel 1 - Green 6 fine	000-255		255	
169	RGB Panel 1 - Blue 6	000-255		255	

## 209CH PURE MODE

170	RGB Panel 1 - Blue 6 fine	000-255		255	
171	RGB Panel 2 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
205 - 209	Shutter open				
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				
225 - 229	Shutter open				
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
172	RGB Panel 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
173	RGB Panel 1 - Red 1	000-255		0	
174	RGB Panel 1 - Red 1 fine	000-255		255	
175	RGB Panel 1 - Green 1	000-255		255	
176	RGB Panel 1 - Green 1 fine	000-255		255	
177	RGB Panel 1 - Blue 1	000-255		255	
178	RGB Panel 1 - Blue 1 fine	000-255		255	
179	RGB Panel 1 - Red 2	000-255		255	
180	RGB Panel 1 - Red 2 fine	000-255		255	

**209CH PURE MODE**

181	RGB Panel 1 - Green 2	000-255		255	
182	RGB Panel 1 - Green 2 fine	000-255		255	
183	RGB Panel 1 - Blue 2	000-255		255	
184	RGB Panel 1 - Blue 2 fine	000-255		255	
185	RGB Panel 1 - Red 3	000-255		255	
186	RGB Panel 1 - Red 3 fine	000-255		255	
187	RGB Panel 1 - Green 3	000-255		255	
188	RGB Panel 1 - Green 3 fine	000-255		255	
189	RGB Panel 1 - Blue 3	000-255		255	
190	RGB Panel 1 - Blue 3 fine	000-255		255	
191	RGB Panel 1 - Red 4	000-255		255	
192	RGB Panel 1 - Red 4 fine	000-255		255	
193	RGB Panel 1 - Green 4	000-255		255	
194	RGB Panel 1 - Green 4 fine	000-255		255	
195	RGB Panel 1 - Blue 4	000-255		255	
196	RGB Panel 1 - Blue 4 fine	000-255		255	
197	RGB Panel 1 - Red 5	000-255		255	
198	RGB Panel 1 - Red 5 fine	000-255		255	
199	RGB Panel 1 - Green 5	000-255		255	
200	RGB Panel 1 - Green 5 fine	000-255		255	
201	RGB Panel 1 - Blue 5	000-255		255	
202	RGB Panel 1 - Blue 5 fine	000-255		255	
203	RGB Panel 1 - Red 6	000-255		255	
204	RGB Panel 1 - Red 6 fine	000-255		255	
205	RGB Panel 1 - Green 6	000-255		255	
206	RGB Panel 1 - Green 6 fine	000-255		255	

**209CH PURE MODE**

207	RGB Panel 1 - Blue 6	000-255		255	
208	RGB Panel 1 - Blue 6 fine	000-255		255	
209	Device Settings (please see remark *1)	000-019	No function		
		020-024	Display Backlight On (hold 3s)	<b>on / off</b>	
		025-029	Display Backlight Off (hold 3s)		
		030-034	No function		
		035-039	DMX Fail Blackout (hold 3s)	<b>Hold / Blackout / Emergency Light</b>	
		040-044	DMX Fail Hold (hold 3s)		
		045-049	DMX Fail - Emergency Light (hold 3s)		
		050-054	No function		
		055-059	Full Calibration (Colors & CCT / hold 3s)	<b>Full Calibration CCT Calibration</b>	
		060-064	CCT Calibration (RAW Colors / hold 3s)		
		065-069	No function		
		070-074	LED Frequency 800Hz (hold 3s)	800 Hz, <b>1200 Hz</b> 2000 Hz, 3600 Hz, 12000 Hz, 25000 Hz	
		075-079	LED Frequency 1200Hz (hold 3s)		
		080-084	LED Frequency 2000Hz (hold 3s)		
		085-089	LED Frequency 3600Hz (hold 3s)		
		090-094	LED Frequency 12kHz (hold 3s)		
		095-099	LED Frequency 25kHz (hold 3s)		
		100-104	No function		
		105-109	Fan Auto (hold 3s)	<b>Auto</b> , Silent Fan Off, Max. Power	
		110-114	Fan Silent (hold 3s)		
		115-119	Fan Off (hold 3s)		
		120-124	Fan High Power (hold 3s)		
		125-129	No function		
		130-134	Invert RGB Panel 1 Off (hold 1,5s)	<b>on / off</b>	
		135-139	Invert RGB Panel 1 On (hold 1,5s)		
		140-144	Invert RGB Panel 2 Off (hold 1,5s)	<b>on / off</b>	
		145-149	Invert RGB Panel 2 On (hold 1,5s)		
		150-154	Invert Centric Tube Off (hold 1,5s)	<b>on / off</b>	
		155-159	Invert Centric Tube On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)	<b>on / off</b>	
165-169	Invert Single Tube 1 On (hold 1,5s)				
170-174	Invert Single Tube 2 Off (hold 1,5s)	<b>on / off</b>			
175-179	Invert Single Tube 2 On (hold 1,5s)				
180-184	Invert Single Tube 3 Off (hold 1,5s)	<b>on / off</b>			
185-189	Invert Single Tube 3 On (hold 1,5s)				
190-194	Invert Single Tube 4 Off (hold 1,5s)	<b>on / off</b>			
195-199	Invert Single Tube 4 On (hold 1,5s)				

**209CH PURE MODE**

209	Device Settings (please see remark *1)	200-204	Swap RGB Panels Off (hold 1,5s)	on / off	
		205-209	Swap RGB Panels On (hold 1,5s)		
		210-214	Swap Single Tubes Off (hold 1,5s)	on / off	
		215-219	Swap Single Tubes On (hold 1,5s)		
		220-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)	Illumination, Boost	
		230-234	LED Mode - Boost (hold 1,5s)		
		235-239	No function		
		240-244	Factory Reset (hold 3s)		No Change of DMX Address and Mode!
		245-249	User Reset (hold 3s)		No Change of DMX Address and Mode!
		250-255	No function		

**168CH FULL ACCESS MODE**

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Centric Tube - Pixel 1 - Intensity	000-255		0	
3	Centric Tube - Pixel 2 - Intensity	000-255		0	
4	Centric Tube - Pixel 3 - Intensity	000-255		0	
5	Centric Tube - Pixel 4 - Intensity	000-255		0	
6	Centric Tube - Pixel 5 - Intensity	000-255		0	
7	Centric Tube - Pixel 6 - Intensity	000-255		0	
8	Centric Tube - Pixel 7 - Intensity	000-255		0	
9	Centric Tube - Pixel 8 - Intensity	000-255		0	
10	Centric Tube - Pixel 9 - Intensity	000-255		0	
11	Centric Tube - Pixel 10 - Intensity	000-255		0	
12	Centric Tube - Pixel 11 - Intensity	000-255		0	
13	Centric Tube - Pixel 12 - Intensity	000-255		0	
14	Centric Tube - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		

## 168CH FULL ACCESS MODE

14	Centric Tube - Shutter	085 - 089	Shutter open	22	
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
245 - 255	Shutter open				
15	Centric Tube - Duration	000-255		0	only affects to Strobe 1 (025-064)
16	Centric Tube - Pattern Dimmer	000-255		0	
17	Centric Tube - Pattern Selection	000-255		3	according to Tube Pattern Chart
18	Centric Tube - Pattern Speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
19	Centric Tube - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
20	Centric Tube - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
21	Single Tube 1 - Pixel 1 - Intensity	000-255		0	
22	Single Tube 1 - Pixel 2 - Intensity	000-255		0	
23	Single Tube 1 - Pixel 3 - Intensity	000-255		0	



**168CH FULL ACCESS MODE**

24	Single Tube 1 - Pixel 4 - Intensity	000-255		0	
25	Single Tube 1 - Pixel 5 - Intensity	000-255		0	
26	Single Tube 1 - Pixel 6 - Intensity	000-255		0	
27	Single Tube 1 - Pixel 7 - Intensity	000-255		0	
28	Single Tube 1 - Pixel 8 - Intensity	000-255		0	
29	Single Tube 1 - Pixel 9 - Intensity	000-255		0	
30	Single Tube 1 - Pixel 10 - Intensity	000-255		0	
31	Single Tube 1 - Pixel 11 - Intensity	000-255		0	
32	Single Tube 1 - Pixel 12 - Intensity	000-255		0	
33	Single Tube 1 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
205 - 209	Shutter open				
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				
225 - 229	Shutter open				
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
34	Single Tube 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)

**168CH FULL ACCESS MODE**

35	Single Tube 1 - Pattern Dimmer	000-255		0	
36	Single Tube 1 - Pattern selection	000-255		3	according to Tube Pattern Chart
37	Single Tube 1 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
38	Single Tube 1 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
39	Single Tube 1 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
40	Single Tube 2 - Pixel 1 - Intensity	000-255		0	
41	Single Tube 2 - Pixel 2 - Intensity	000-255		0	
42	Single Tube 2 - Pixel 3 - Intensity	000-255		0	
43	Single Tube 2 - Pixel 4 - Intensity	000-255		0	
44	Single Tube 2 - Pixel 5 - Intensity	000-255		0	
45	Single Tube 2 - Pixel 6 - Intensity	000-255		0	
46	Single Tube 2 - Pixel 7 - Intensity	000-255		0	
47	Single Tube 2 - Pixel 8 - Intensity	000-255		0	
48	Single Tube 2 - Pixel 9 - Intensity	000-255		0	
49	Single Tube 2 - Pixel 10 - Intensity	000-255		0	
50	Single Tube 2 - Pixel 11 - Intensity	000-255		0	
51	Single Tube 2 - Pixel 12 - Intensity	000-255		0	
52	Single Tube 2 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		

**168CH FULL ACCESS MODE**

52	Single Tube 2 - Shutter	090 - 104	Strobe 3: closing pulse (fast ⊕ slow)	22	
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
245 - 255	Shutter open				
53	Single Tube 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
54	Single Tube 2 - Pattern Dimmer	000-255		0	
55	Single Tube 2 - Pattern selection	000-255		3	according to Tube Pattern Chart
56	Single Tube 2 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
57	Single Tube 2 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
58	Single Tube 2 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
59	Single Tube 3 - Pixel 1 - Intensity	000-255		0	
60	Single Tube 3 - Pixel 2 - Intensity	000-255		0	
61	Single Tube 3 - Pixel 3 - Intensity	000-255		0	

**168CH FULL ACCESS MODE**

62	Single Tube 3 - Pixel 4 - Intensity	000-255		0	
63	Single Tube 3 - Pixel 5 - Intensity	000-255		0	
64	Single Tube 3 - Pixel 6 - Intensity	000-255		0	
65	Single Tube 3 - Pixel 7 - Intensity	000-255		0	
66	Single Tube 3 - Pixel 8 - Intensity	000-255		0	
67	Single Tube 3 - Pixel 9 - Intensity	000-255		0	
68	Single Tube 3 - Pixel 10 - Intensity	000-255		0	
69	Single Tube 3 - Pixel 11 - Intensity	000-255		0	
70	Single Tube 3 - Pixel 12 - Intensity	000-255		0	
71	Single Tube 3 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
205 - 209	Shutter open				
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				
225 - 229	Shutter open				
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
72	Single Tube 3 - Duration	000-255		0	only affects to Strobe 1 (025-064)

**168CH FULL ACCESS MODE**

73	Single Tube 3 - Pattern Dimmer	000-255		0	
74	Single Tube 3 - Pattern selection	000-255		3	according to Tube Pattern Chart
75	Single Tube 3 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
76	Single Tube 3 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
77	Single Tube 3 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
78	Single Tube 4 - Pixel 1 - Intensity	000-255		0	
79	Single Tube 4 - Pixel 2 - Intensity	000-255		0	
80	Single Tube 4 - Pixel 3 - Intensity	000-255		0	
81	Single Tube 4 - Pixel 4 - Intensity	000-255		0	
82	Single Tube 4 - Pixel 5 - Intensity	000-255		0	
83	Single Tube 4 - Pixel 6 - Intensity	000-255		0	
84	Single Tube 4 - Pixel 7 - Intensity	000-255		0	
85	Single Tube 4 - Pixel 8 - Intensity	000-255		0	
86	Single Tube 4 - Pixel 9 - Intensity	000-255		0	
87	Single Tube 4 - Pixel 10 - Intensity	000-255		0	
88	Single Tube 4 - Pixel 11 - Intensity	000-255		0	
89	Single Tube 4 - Pixel 12 - Intensity	000-255		0	
90	Single Tube 4 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		

**168CH FULL ACCESS MODE**

90	Single Tube 4 - Shutter	090 - 104	Strobe 3: closing pulse (fast ⊕ slow)	22	
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fas ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
245 - 255	Shutter open				
91	Single Tube 4 - Duration	000-255		0	only affects to Strobe 1 (025-064)
92	Single Tube 4 - Pattern Dimmer	000-255		0	
93	Single Tube 4 - Pattern selection	000-255		3	according to Tube Pattern Chart
94	Single Tube 4 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
95	Single Tube 4 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
96	Single Tube 4 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
97	Single Tube Group (1-4) - Pattern Dimmer	000-255		0	
98	Single Tube Group (1-4) - Pattern selection	000-255		3	according to Tube Group Pattern Chart

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99	Single Tube Group (1-4) - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
100	Single Tube Group (1-4) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
101	Single Tube Group (1-4) - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
102	RGB Panel 1 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
103	RGB Panel 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
104	RGB Panel 1 - Pattern Dimmer	000-255		0	

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105	RGB Panel 1 - Pattern selection	000-255		3	according to RGB Panel Pattern Chart
106	RGB Panel 1 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
107	RGB Panel 1 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
108	RGB Panel 1 - Pattern Space	000-041	1-Segment Space	3	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
109	RGB Panel 1 - Pattern Red	000-255		255	
110	RGB Panel 1 - Pattern Green	000-255		255	
111	RGB Panel 1 - Pattern Blue	000-255		255	
112	RGB Panel 1 - CTC	000 - 004	7000K	2	affctcs RGB panel 1 and RGB Panel Pattern 1
		005-226	2000K-6500K linear in 20-21K steps (please see detailed CTC chart)		according to CTC chart
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K linear in 120-121K steps (please see detailed CTC chart)		
113	RGB Panel 1 - Red 1	000-255		255	
114	RGB Panel 1 - Green 1	000-255		255	
115	RGB Panel 1 - Blue 1	000-255		255	
116	RGB Panel 1 - Red 2	000-255		255	
117	RGB Panel 1 - Green 2	000-255		255	
118	RGB Panel 1 - Blue 2	000-255		255	
119	RGB Panel 1 - Red 3	000-255		255	
120	RGB Panel 1 - Green 3	000-255		255	
121	RGB Panel 1 - Blue 3	000-255		255	
122	RGB Panel 1 - Red 4	000-255		255	
123	RGB Panel 1 - Green 4	000-255		255	
124	RGB Panel 1 - Blue 4	000-255		255	
125	RGB Panel 1 - Red 5	000-255		255	
126	RGB Panel 1 - Green 5	000-255		255	



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127	RGB Panel 1 - Blue 5	000-255		255	
128	RGB Panel 1 - Red 6	000-255		255	
129	RGB Panel 1 - Green 6	000-255		255	
130	RGB Panel 1 - Blue 6	000-255		255	
131	RGB Panel 2 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				
225 - 229	Shutter open				
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
132	RGB Panel 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
133	RGB Panel 2 - Pattern Dimmer	000-255		0	
134	RGB Panel 2 - Pattern selection	000-255		3	according to RGB Panel Pattern Chart
135	RGB Panel 2 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
136	RGB Panel 2 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		

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137	RGB Panel 2 - Pattern Space	000-041	1-Segment Space	3	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
138	RGB Panel 2 - Pattern Red	000-255		255	
139	RGB Panel 2 - Pattern Green	000-255		255	
140	RGB Panel 2 - Pattern Blue	000-255		255	
141	RGB Panel 2 - CTC	000 - 004	7000K	2	affects RGB panel 2 and RGB Panel Pattern 2
		005-226	2000K-6500K linear in 20-21K steps (please see detailed CTC chart)		according to CTC chart
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K linear in 120-121K steps (please see detailed CTC chart)		
142	RGB Panel 2 - Red 1	000-255		255	
143	RGB Panel 2 - Green 1	000-255		255	
144	RGB Panel 2 - Blue 1	000-255		255	
145	RGB Panel 2 - Red 2	000-255		255	
146	RGB Panel 2 - Green 2	000-255		255	
147	RGB Panel 2 - Blue 2	000-255		255	
148	RGB Panel 2 - Red 3	000-255		255	
149	RGB Panel 2 - Green 3	000-255		255	
150	RGB Panel 2 - Blue 3	000-255		255	
151	RGB Panel 2 - Red 4	000-255		255	
152	RGB Panel 2 - Green 4	000-255		255	
153	RGB Panel 2 - Blue 4	000-255		255	
154	RGB Panel 2 - Red 5	000-255		255	
155	RGB Panel 2 - Green 5	000-255		255	
156	RGB Panel 2 - Blue 5	000-255		255	
157	RGB Panel 2 - Red 6	000-255		255	
158	RGB Panel 2 - Green 6	000-255		255	
159	RGB Panel 2 - Blue 6	000-255		255	
160	RGB Panel Group (1+2) - Dimmer	000-255		0	
161	RGB Panel Group (1+2) - Pattern selection	000-255		3	according to RGB Group Panel Pattern Chart

**168CH FULL ACCESS MODE**

162	RGB Panel Group (1+2) - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
163	RGB Panel Group (1+2) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
164	RGB Panel Group (1+2) - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
165	RGB Panel Group (1+2) Pattern Red	000-255		255	
166	RGB Panel Group (1+2) Pattern Green	000-255		255	
167	RGB Panel Group (1+2) Pattern Blue	000-255		255	
168	Device Settings (please see remark *1)	000-019	No function	<b>on / off</b>	
		020-024	Display Backlight On (hold 3s)		
		025-029	Display Backlight Off (hold 3s)		
		030-034	No function	<b>Hold / Blackout / Emergency Light</b>	
		035-039	DMX Fail Blackout (hold 3s)		
		040-044	DMX Fail Hold (hold 3s)		
		045-049	DMX Fail - Emergency Light (hold 3s)		
		050-054	No function	<b>Full Calibration CCT Calibration</b>	
		055-059	Full Calibration (Colors & CCT / hold 3s)		
		060-064	CCT Calibration (RAW Colors / hold 3s)		
		065-069	No function	<b>800 Hz, 1200 Hz, 2000 Hz, 3600 Hz, 12000 Hz, 25000 Hz</b>	
		070-074	LED Frequency 800Hz (hold 3s)		
		075-079	LED Frequency 1200Hz (hold 3s)		
		080-084	LED Frequency 2000Hz (hold 3s)		
		085-089	LED Frequency 3600Hz (hold 3s)		
		090-094	LED Frequency 12kHz (hold 3s)		
		095-099	LED Frequency 25kHz (hold 3s)		
		100-104	No function	<b>Auto. Silent Fan Off, Max. Power</b>	
		105-109	Fan Auto (hold 3s)		
		110-114	Fan Silent (hold 3s)		
115-119	Fan Off (hold 3s)				
120-124	Fan High Power (hold 3s)				
125-129	No function				

**168CH FULL ACCESS MODE**

168	Device Settings (please see remark *1)	130-134	Invert RGB Panel 1 Off (hold 1,5s)	on / <b>off</b>	
		135-139	Invert RGB Panel 1 On (hold 1,5s)		
		140-144	Invert RGB Panel 2 Off (hold 1,5s)	on / <b>off</b>	
		145-149	Invert RGB Panel 2 On (hold 1,5s)		
		150-154	Invert Centric Tube Off (hold 1,5s)	on / <b>off</b>	
		155-159	Invert Centric Tube On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)	on / <b>off</b>	
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)	on / <b>off</b>	
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Invert Single Tube 3 Off (hold 1,5s)	on / <b>off</b>	
		185-189	Invert Single Tube 3 On (hold 1,5s)		
		190-194	Invert Single Tube 4 Off (hold 1,5s)	on / <b>off</b>	
		195-199	Invert Single Tube 4 On (hold 1,5s)		
		200-204	Swap RGB Panels Off (hold 1,5s)	on / <b>off</b>	
		205-209	Swap RGB Panels On (hold 1,5s)		
		210-214	Swap Single Tubes Off (hold 1,5s)	on / <b>off</b>	
		215-219	Swap Single Tubes On (hold 1,5s)		
		220-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)	Illumination, <b>Boost</b>	
		230-234	LED Mode - Boost (hold 1,5s)		
		235-239	No function		
		240-244	Factory Reset (hold 3s)		No Change of DMX Address and Mode!
		245-249	User Reset (hold 3s)		No Change of DMX Address and Mode!
		250-255	No function		

**265CH FULL ACCESS EXTEND MODE**

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Master Dimmer fine	000-255		0	
3	Centric Tube - Pixel 1 - Intensity	000-255		0	
4	Centric Tube - Pixel 1 - Intensity fine	000-255		0	
5	Centric Tube - Pixel 2 - Intensity	000-255		0	
6	Centric Tube - Pixel 2 - Intensity fine	000-255		0	
7	Centric Tube - Pixel 3 - Intensity	000-255		0	
8	Centric Tube - Pixel 3 - Intensity fine	000-255		0	
9	Centric Tube - Pixel 4 - Intensity	000-255		0	
10	Centric Tube - Pixel 4 - Intensity fine	000-255		0	
11	Centric Tube - Pixel 5 - Intensity	000-255		0	
12	Centric Tube - Pixel 5 - Intensity fine	000-255		0	
13	Centric Tube - Pixel 6 - Intensity	000-255		0	
14	Centric Tube - Pixel 6 - Intensity fine	000-255		0	
15	Centric Tube - Pixel 7 - Intensity	000-255		0	
16	Centric Tube - Pixel 7 - Intensity fine	000-255		0	
17	Centric Tube - Pixel 8 - Intensity	000-255		0	
18	Centric Tube - Pixel 8 - Intensity fine	000-255		0	
19	Centric Tube - Pixel 9 - Intensity	000-255		0	
20	Centric Tube - Pixel 9 - Intensity fine	000-255		0	
21	Centric Tube - Pixel 10 - Intensity	000-255		0	
22	Centric Tube - Pixel 10 - Intensity fine	000-255		0	
23	Centric Tube - Pixel 11 - Intensity	000-255		0	
24	Centric Tube - Pixel 11 - Intensity fine	000-255		0	
25	Centric Tube - Pixel 12 - Intensity	000-255		0	
26	Centric Tube - Pixel 12 - Intensity fine	000-255		0	

**265CH FULL ACCESS EXTEND MODE**

27	Centric Tube - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
28	Centric Tube - Duration	000-255		0	only affects to Strobe 1 (025-064)
29	Centric Tube - Pattern Dimmer	000-255		0	
30	Centric Tube - Pattern Selection	000-255		3	according to Tube Pattern Chart
31	Centric Tube - Pattern Speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
250-255	No Function				
32	Centric Tube - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
33	Centric Tube - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		

**265CH FULL ACCESS EXTEND MODE**

33	Centric Tube - Pattern Space	171-213	5-Segment Spaces	0	
		214-255	6-Segment Spaces		
34	Single Tube 1 - Pixel 1 - Intensity	000-255		0	
35	Single Tube 1 - Pixel 1 - Intensity fine	000-255		0	
36	Single Tube 1 - Pixel 2 - Intensity	000-255		0	
37	Single Tube 1 - Pixel 2 - Intensity fine	000-255		0	
38	Single Tube 1 - Pixel 3 - Intensity	000-255		0	
39	Single Tube 1 - Pixel 3 - Intensity fine	000-255		0	
40	Single Tube 1 - Pixel 4 - Intensity	000-255		0	
41	Single Tube 1 - Pixel 4 - Intensity fine	000-255		0	
42	Single Tube 1 - Pixel 5 - Intensity	000-255		0	
43	Single Tube 1 - Pixel 5 - Intensity fine	000-255		0	
44	Single Tube 1 - Pixel 6 - Intensity	000-255		0	
45	Single Tube 1 - Pixel 6 - Intensity fine	000-255		0	
46	Single Tube 1 - Pixel 7 - Intensity	000-255		0	
47	Single Tube 1 - Pixel 7 - Intensity fine	000-255		0	
48	Single Tube 1 - Pixel 8 - Intensity	000-255		0	
49	Single Tube 1 - Pixel 8 - Intensity fine	000-255		0	
50	Single Tube 1 - Pixel 9 - Intensity	000-255		0	
51	Single Tube 1 - Pixel 9 - Intensity fine	000-255		0	1
52	Single Tube 1 - Pixel 10 - Intensity	000-255		0	
53	Single Tube 1 - Pixel 10 - Intensity fine	000-255		0	
54	Single Tube 1 - Pixel 11 - Intensity	000-255		0	
55	Single Tube 1 - Pixel 11 - Intensity fine	000-255		0	
56	Single Tube 1 - Pixel 12 - Intensity	000-255		0	
57	Single Tube 1 - Pixel 12 - Intensity fine	000-255		0	

**265CH FULL ACCESS EXTEND MODE**

58	Single Tube 1 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
59	Single Tube 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
60	Single Tube 1 - Pattern Dimmer	000-255		0	
61	Single Tube 1 - Pattern selection	000-255		3	according to Tube Pattern Chart
62	Single Tube 1 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
63	Single Tube 1 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
64	Single Tube 1 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		



**265CH FULL ACCESS EXTEND MODE**

64	Single Tube 1 - Pattern Space	171-213	5-Segment Spaces	0	
		214-255	6-Segment Spaces		
65	Single Tube 2 - Pixel 1 - Intensity	000-255		0	
66	Single Tube 2 - Pixel 1 - Intensity fine	000-255		0	
67	Single Tube 2 - Pixel 2 - Intensity	000-255		0	
68	Single Tube 2 - Pixel 2 - Intensity fine	000-255		0	
69	Single Tube 2 - Pixel 3 - Intensity	000-255		0	
70	Single Tube 2 - Pixel 3 - Intensity fine	000-255		0	
71	Single Tube 2 - Pixel 4 - Intensity	000-255		0	
72	Single Tube 2 - Pixel 4 - Intensity fine	000-255		0	
73	Single Tube 2 - Pixel 5 - Intensity	000-255		0	
74	Single Tube 2 - Pixel 5 - Intensity fine	000-255		0	
75	Single Tube 2 - Pixel 6 - Intensity	000-255		0	
76	Single Tube 2 - Pixel 6 - Intensity fine	000-255		0	
77	Single Tube 2 - Pixel 7 - Intensity	000-255		0	
78	Single Tube 2 - Pixel 7 - Intensity fine	000-255		0	
79	Single Tube 2 - Pixel 8 - Intensity	000-255		0	
80	Single Tube 2 - Pixel 8 - Intensity fine	000-255		0	
81	Single Tube 2 - Pixel 9 - Intensity	000-255		0	
82	Single Tube 2 - Pixel 9 - Intensity fine	000-255		0	
83	Single Tube 2 - Pixel 10 - Intensity	000-255		0	
84	Single Tube 2 - Pixel 10 - Intensity fine	000-255		0	
85	Single Tube 2 - Pixel 11 - Intensity	000-255		0	
86	Single Tube 2 - Pixel 11 - Intensity fine	000-255		0	
87	Single Tube 2 - Pixel 12 - Intensity	000-255		0	
88	Single Tube 2 - Pixel 12 - Intensity fine	000-255		0	

**265CH FULL ACCESS EXTEND MODE**

89	Single Tube 2 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
90	Single Tube 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
91	Single Tube 2 - Pattern Dimmer	000-255		0	
92	Single Tube 2 - Pattern selection	000-255		3	according to Tube Pattern Chart
93	Single Tube 2 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
94	Single Tube 2 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
95	Single Tube 2 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		

**265CH FULL ACCESS EXTEND MODE**

95	Single Tube 2 - Pattern Space	171-213	5-Segment Spaces	0	
		214-255	6-Segment Spaces		
96	Single Tube 3 - Pixel 1 - Intensity	000-255		0	
97	Single Tube 3 - Pixel 1 - Intensity fine	000-255		0	
98	Single Tube 3 - Pixel 2 - Intensity	000-255		0	
99	Single Tube 3 - Pixel 2 - Intensity fine	000-255		0	
100	Single Tube 3 - Pixel 3 - Intensity	000-255		0	
101	Single Tube 3 - Pixel 3 - Intensity fine	000-255		0	
102	Single Tube 3 - Pixel 4 - Intensity	000-255		0	
103	Single Tube 3 - Pixel 4 - Intensity fine	000-255		0	
104	Single Tube 3 - Pixel 5 - Intensity	000-255		0	
105	Single Tube 3 - Pixel 5 - Intensity fine	000-255		0	
106	Single Tube 3 - Pixel 6 - Intensity	000-255		0	
107	Single Tube 3 - Pixel 6 - Intensity fine	000-255		0	
108	Single Tube 3 - Pixel 7 - Intensity	000-255		0	
109	Single Tube 3 - Pixel 7 - Intensity fine	000-255		0	
110	Single Tube 3 - Pixel 8 - Intensity	000-255		0	
111	Single Tube 3 - Pixel 8 - Intensity fine	000-255		0	
112	Single Tube 3 - Pixel 9 - Intensity	000-255		0	
113	Single Tube 3 - Pixel 9 - Intensity fine	000-255		0	
114	Single Tube 3 - Pixel 10 - Intensity	000-255		0	
115	Single Tube 3 - Pixel 10 - Intensity fine	000-255		0	
116	Single Tube 3 - Pixel 11 - Intensity	000-255		0	
117	Single Tube 3 - Pixel 11 - Intensity fine	000-255		0	
118	Single Tube 3 - Pixel 12 - Intensity	000-255		0	
119	Single Tube 3 - Pixel 12 - Intensity fine	000-255		0	

**265CH FULL ACCESS EXTEND MODE**

120	Single Tube 3 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
121	Single Tube 3 - Duration	000-255		0	only affects to Strobe 1 (025-064)
122	Single Tube 3 - Pattern Dimmer	000-255		0	
123	Single Tube 3 - Pattern selection	000-255		3	according to Tube Pattern Chart
124	Single Tube 3 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
125	Single Tube 3 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
126	Single Tube 3 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		

**265CH FULL ACCESS EXTEND MODE**

126	Single Tube 3 - Pattern Space	171-213	5-Segment Spaces	0	
		214-255	6-Segment Spaces		
127	Single Tube 4 - Pixel 1 - Intensity	000-255		0	
128	Single Tube 4 - Pixel 1 - Intensity fine	000-255		0	
129	Single Tube 4 - Pixel 2 - Intensity	000-255		0	
130	Single Tube 4 - Pixel 2 - Intensity fine	000-255		0	
131	Single Tube 4 - Pixel 3 - Intensity	000-255		0	
132	Single Tube 4 - Pixel 3 - Intensity fine	000-255		0	
133	Single Tube 4 - Pixel 4 - Intensity	000-255		0	
134	Single Tube 4 - Pixel 4 - Intensity fine	000-255		0	
135	Single Tube 4 - Pixel 5 - Intensity	000-255		0	
136	Single Tube 4 - Pixel 5 - Intensity fine	000-255		0	
137	Single Tube 4 - Pixel 6 - Intensity	000-255		0	
138	Single Tube 4 - Pixel 6 - Intensity fine	000-255		0	
139	Single Tube 4 - Pixel 7 - Intensity	000-255		0	
140	Single Tube 4 - Pixel 7 - Intensity fine	000-255		0	
141	Single Tube 4 - Pixel 8 - Intensity	000-255		0	
142	Single Tube 4 - Pixel 8 - Intensity fine	000-255		0	
143	Single Tube 4 - Pixel 9 - Intensity	000-255		0	
144	Single Tube 4 - Pixel 9 - Intensity fine	000-255		0	
145	Single Tube 4 - Pixel 10 - Intensity	000-255		0	
146	Single Tube 4 - Pixel 10 - Intensity fine	000-255		0	
147	Single Tube 4 - Pixel 11 - Intensity	000-255		0	
148	Single Tube 4 - Pixel 11 - Intensity fine	000-255		0	
149	Single Tube 4 - Pixel 12 - Intensity	000-255		0	
150	Single Tube 4 - Pixel 12 - Intensity fine	000-255		0	

**265CH FULL ACCESS EXTEND MODE**

151	Single Tube 4 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
152	Single Tube 4 - Duration	000-255		0	only affects to Strobe 1 (025-064)
153	Single Tube 4 - Pattern Dimmer	000-255		0	
154	Single Tube 4 - Pattern selection	000-255		3	according to Tube Pattern Chart
155	Single Tube 4 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
156	Single Tube 4 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
157	Single Tube 4 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		

**265CH FULL ACCESS EXTEND MODE**

157	Single Tube 4 - Pattern Space	171-213	5-Segment Spaces	0	
		214-255	6-Segment Spaces		
158	Single Tube Group (1-4) - Pattern Dimmer	000-255		0	
159	Single Tube Group (1-4) - Pattern selection	000-255		3	according to Tube Group Pattern Chart
160	Single Tube Group (1-4) - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
161	Single Tube Group (1-4) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
162	Single Tube Group (1-4) - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
163	RGB Panel 1 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		
		070 - 084	Strobe 2: opening pulse (fast ⊕ slow)		
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
210 - 224	Strobe 9: sine wave (fast ⊕ slow)				
225 - 229	Shutter open				

**265CH FULL ACCESS EXTEND MODE**

163	RGB Panel 1 - Shutter	230 - 244	Strobe 10: burst (fast ⊕ slow)	22	
		245 - 255	Shutter open		
164	RGB Panel 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
165	RGB Panel 1 - Pattern Dimmer	000-255		0	
166	RGB Panel 1 - Pattern selection	000-255		3	according to RGB Panel Pattern Chart
167	RGB Panel 1 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
168	RGB Panel 1 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
169	RGB Panel 1 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
170	RGB Panel 1 - Pattern Red	000-255		255	
171	RGB Panel 1 - Pattern Green	000-255		255	
172	RGB Panel 1 - Pattern Blue	000-255		255	
173	RGB Panel 1 - CTC	000 - 004	7000K	2	affects panel+pattern
		005-226	2000K-6500K linear in 20-21K steps (please see detailed CTC chart)		according to CTC chart
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K linear in 120-121K steps (please see detailed CTC chart)		
174	RGB Panel 1 - Red 1	000-255		255	
175	RGB Panel 1 - Red 1 fine	000-255		255	
176	RGB Panel 1 - Green 1	000-255		255	
177	RGB Panel 1 - Green 1 fine	000-255		255	
178	RGB Panel 1 - Blue 1	000-255		255	
179	RGB Panel 1 - Blue 1 fine	000-255		255	
180	RGB Panel 1 - Red 2	000-255		255	



**265CH FULL ACCESS EXTEND MODE**

181	RGB Panel 1 - Red 2 fine	000-255		255	
182	RGB Panel 1 - Green 2	000-255		255	
183	RGB Panel 1 - Green 2 fine	000-255		255	
184	RGB Panel 1 - Blue 2	000-255		255	
185	RGB Panel 1 - Blue 2 fine	000-255		255	
186	RGB Panel 1 - Red 3	000-255		255	
187	RGB Panel 1 - Red 3 fine	000-255		255	
188	RGB Panel 1 - Green 3	000-255		255	
189	RGB Panel 1 - Green 3 fine	000-255		255	
190	RGB Panel 1 - Blue 3	000-255		255	
191	RGB Panel 1 - Blue 3 fine	000-255		255	
192	RGB Panel 1 - Red 4	000-255		255	
193	RGB Panel 1 - Red 4 fine	000-255		255	
194	RGB Panel 1 - Green 4	000-255		255	
195	RGB Panel 1 - Green 4 fine	000-255		255	
196	RGB Panel 1 - Blue 4	000-255		255	
197	RGB Panel 1 - Blue 4 fine	000-255		255	
198	RGB Panel 1 - Red 5	000-255		255	
199	RGB Panel 1 - Red 5 fine	000-255		255	
200	RGB Panel 1 - Green 5	000-255		255	
201	RGB Panel 1 - Green 5 fine	000-255		255	
202	RGB Panel 1 - Blue 5	000-255		255	
203	RGB Panel 1 - Blue 5 fine	000-255		255	
204	RGB Panel 1 - Red 6	000-255		255	
205	RGB Panel 1 - Red 6 fine	000-255		255	
206	RGB Panel 1 - Green 6	000-255		255	
207	RGB Panel 1 - Green 6 fine	000-255		255	
208	RGB Panel 1 - Blue 6	000-255		255	
209	RGB Panel 1 - Blue 6 fine	000-255		255	
210	RGB Panel 2 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		

**265CH FULL ACCESS EXTEND MODE**

210	RGB Panel 2 - Shutter	070 - 084	Strobe 2: opening pulse (fast ⊕ slow)	22	
		085 - 089	Shutter open		
		090 - 104	Strobe 3: closing pulse (fast ⊕ slow)		
		105 - 109	Shutter open		
		110 - 124	Strobe 4: random strobe (fast ⊕ slow)		
		125 - 129	Shutter open		
		130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)		
		145 - 149	Shutter open		
		150 - 164	Strobe 6: random closing pulse (fast ⊕ slow)		
		165 - 169	Shutter open		
		170 - 184	Strobe 7: burst pulse (fast ⊕ slow)		
		185 - 189	Shutter open		
		190 - 204	Strobe 8: random burst pulse (fast ⊕ slow)		
		205 - 209	Shutter open		
		210 - 224	Strobe 9: sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
230 - 244	Strobe 10: burst (fast ⊕ slow)				
245 - 255	Shutter open				
211	RGB Panel 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
212	RGB Panel 2 - Pattern Dimmer	000-255		0	
213	RGB Panel 2 - Pattern selection	000-255		3	according to RGB Panel Pattern Chart
214	RGB Panel 2 - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
215	RGB Panel 2 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
216	RGB Panel 2 - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
217	RGB Panel 2 - Pattern Red	000-255		255	
218	RGB Panel 2 - Pattern Green	000-255		255	

**265CH FULL ACCESS EXTEND MODE**

219	RGB Panel 2 - Pattern Blue	000-255		255	
220	RGB Panel 2 - CTC	000 - 004	7000K	2	affects panel+pattern
		005-226	2000K-6500K linear in 20-21K steps (please see detailed CTC chart)		according to CTC chart
		182-182	5600K		
		226-226	6500K		
		227-255	6621K-10.000K linear in 120-121K steps (please see detailed CTC chart)		
221	RGB Panel 2 - Red 1	000-255		255	
222	RGB Panel 2 - Red 1 fine	000-255		255	
223	RGB Panel 2 - Green 1	000-255		255	
224	RGB Panel 2 - Green 1 fine	000-255		255	
225	RGB Panel 2 - Blue 1	000-255		255	
226	RGB Panel 2 - Blue 1 fine	000-255		255	
227	RGB Panel 2 - Red 2	000-255		255	
228	RGB Panel 2 - Red 2 fine	000-255		255	
229	RGB Panel 2 - Green 2	000-255		255	
230	RGB Panel 2 - Green 2 fine	000-255		255	
231	RGB Panel 2 - Blue 2	000-255		255	
232	RGB Panel 2 - Blue 2 fine	000-255		255	
233	RGB Panel 2 - Red 3	000-255		255	
234	RGB Panel 2 - Red 3 fine	000-255		255	
235	RGB Panel 2 - Green 3	000-255		255	
236	RGB Panel 2 - Green 3 fine	000-255		255	
237	RGB Panel 2 - Blue 3	000-255		255	
238	RGB Panel 2 - Blue 3 fine	000-255		255	
239	RGB Panel 2 - Red 4	000-255		255	
240	RGB Panel 2 - Red 4 fine	000-255		255	
241	RGB Panel 2 - Green 4	000-255		255	
242	RGB Panel 2 - Green 4 fine	000-255		255	
243	RGB Panel 2 - Blue 4	000-255		255	
244	RGB Panel 2 - Blue 4 fine	000-255		255	
245	RGB Panel 2 - Red 5	000-255		255	

**265CH FULL ACCESS EXTEND MODE**

246	RGB Panel 2 - Red 5 fine	000-255		255	
247	RGB Panel 2 - Green 5	000-255		255	
248	RGB Panel 2 - Green 5 fine	000-255		255	
249	RGB Panel 2 - Blue 5	000-255		255	
250	RGB Panel 2 - Blue 5 fine	000-255		255	
251	RGB Panel 2 - Red 6	000-255		255	
252	RGB Panel 2 - Red 6 fine	000-255		255	
253	RGB Panel 2 - Green 6	000-255		255	
254	RGB Panel 2 - Green 6 fine	000-255		255	
255	RGB Panel 2 - Blue 6	000-255		255	
256	RGB Panel 2 - Blue 6 fine	000-255		255	
257	RGB Panel Group (1+2) - Pattern Dimmer	000-255		0	
258	RGB Panel Group (1+2) - Pattern selection	000-255		3	according to RGB Group Panel Pattern Chart
259	RGB Panel Group (1+2) - Pattern speed	000-005	No Function	3	
		006-124	Left to Right / Fast to slow		
		125-130	No Function		
		131-249	Right to Left / Slow to fast		
		250-255	No Function		
260	RGB Panel Group (1+2) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
261	RGB Panel Group (1+2) - Pattern Space	000-041	1-Segment Space	0	
		042-084	2-Segment Spaces		
		085-127	3-Segment Spaces		
		128-170	4-Segment Spaces		
		171-213	5-Segment Spaces		
		214-255	6-Segment Spaces		
262	RGB Panel Group (1+2) Pattern Red	000-255		255	
263	RGB Panel Group (1+2) Pattern Green	000-255		255	
264	RGB Panel Group (1+2) Pattern Blue	000-255		255	

**265CH FULL ACCESS EXTEND MODE**

265	Device Settings (please see remark *1)	000-019	No function		
		020-024	Display Backlight On (hold 3s)	<b>on / off</b>	
		025-029	Display Backlight Off (hold 3s)		
		030-034	No function		
		035-039	DMX Fail Blackout (hold 3s)	<b>Hold / Blackout / Emergency Light</b>	
		040-044	DMX Fail Hold (hold 3s)		
		045-049	DMX Fail - Emergency Light (hold 3s)		
		050-054	No function		
		055-059	Full Calibration (Colors & CCT / hold 3s)	<b>Full Calibration CCT Calibration</b>	
		060-064	CCT Calibration (RAW Colors / hold 3s)		
		065-069	No function		
		070-074	LED Frequency 800Hz (hold 3s)	<b>800 Hz, 1200 Hz 2000 Hz, 3600 Hz, 12000 Hz, 25000 Hz</b>	
		075-079	LED Frequency 1200Hz (hold 3s)		
		080-084	LED Frequency 2000Hz (hold 3s)		
		085-089	LED Frequency 3600Hz (hold 3s)		
		090-094	LED Frequency 12kHz (hold 3s)		
		095-099	LED Frequency 25kHz (hold 3s)		
		100-104	No function		
		105-109	Fan Auto (hold 3s)	<b>Auto, Silent Fan Off, Max. Power</b>	
		110-114	Fan Silent (hold 3s)		
		115-119	Fan Off (hold 3s)		
		120-124	Fan High Power (hold 3s)		
		125-129	No function		
		130-134	Invert RGB Panel 1 Off (hold 1,5s)	<b>on / off</b>	
		135-139	Invert RGB Panel 1 On (hold 1,5s)		
		140-144	Invert RGB Panel 2 Off (hold 1,5s)	<b>on / off</b>	
		145-149	Invert RGB Panel 2 On (hold 1,5s)		
		150-154	Invert Centric Tube Off (hold 1,5s)	<b>on / off</b>	
		155-159	Invert Centric Tube On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)	<b>on / off</b>	
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)	<b>on / off</b>	
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Invert Single Tube 3 Off (hold 1,5s)	<b>on / off</b>	
185-189	Invert Single Tube 3 On (hold 1,5s)				
190-194	Invert Single Tube 4 Off (hold 1,5s)	<b>on / off</b>			
195-199	Invert Single Tube 4 On (hold 1,5s)				
200-204	Swap RGB Panels Off (hold 1,5s)	<b>on / off</b>			
205-209	Swap RGB Panels On (hold 1,5s)				
210-214	Swap Single Tubes Off (hold 1,5s)	<b>on / off</b>			
215-219	Swap Single Tubes On (hold 1,5s)				

**265CH FULL ACCESS EXTEND MODE**

265	Device Settings (please see remark *1)	220-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)	Illumination, <b>Boost</b>	
		230-234	LED Mode - Boost (hold 1,5s)		
		235-239	No function		
		240-244	Factory Reset (hold 3s)		No Change of DMX Address and Mode!
		245-249	User Reset (hold 3s)		No Change of DMX Address and Mode!
		250-255	No function		
			remark *1		After adjustments please set the value back to 000 to avoid any disturbance by endless function call.

