

CLUSTER S1

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

12CH Easy Mode

27CH Easy Mode

44CH Standard Mode (default)

138CH Pure Mode

269CH Pure Extend Mode

166CH Full Access Mode

297CH Full Access Extend Mode

100CH S2 Pure Mode

Channel	Easy Mode 12CH	Easy Mode 27CH	Standard Mode 44CH (default)	138CH PURE MODE
1	Master Dimmer	Master Dimmer	Master Dimmer	Master Dimmer
2	Single Tube (1-2) - Dimmer	Single Tube (1-2) - Dimmer	Single Tube 1 - Dimmer	Single Tube 1 - Pixel 1 - Intensity
3	Single Tube (1-2) - Shutter	Single Tube (1-2) - Shutter	Single Tube 1 - Shutter	Single Tube 1 - Pixel 2 - Intensity
4	Single Tube (1-2) - Duration	Single Tube (1-2) - Duration	Single Tube 1 - Duration	Single Tube 1 - Pixel 3 - Intensity
5	RGB Panel Center - Dimmer	Single Tube (1-2) - Pattern Dimmer	Single Tube 1 - Pattern Dimmer	Single Tube 1 - Pixel 4 - Intensity
6	RGB Panel Center - Shutter	Single Tube (1-2) - Pattern selection	Single Tube 1 - Pattern selection	Single Tube 1 - Pixel 5 - Intensity
7	RGB Panel Center - Duration	Single Tube (1-2) - Pattern selection X-fade	Single Tube 1 - Pattern selection X-fade	Single Tube 1 - Pixel 6 - Intensity
8	RGB Panel Center - Red	Single Tube (1-2) - Pattern speed	Single Tube 1 - Pattern speed	Single Tube 1 - Pixel 7 - Intensity
9	RGB Panel Center - Green	Single Tube (1-2) - Pattern X-fade	Single Tube 1 - Pattern X-fade	Single Tube 1 - Pixel 8 - Intensity
10	RGB Panel Center - Blue	Single Tube (1-2) - Pattern Space	Single Tube 1 - Pattern Space	Single Tube 1 - Pixel 9 - Intensity
11	RGB Panel Center - CTC	RGB Panel Center - Dimmer	Single Tube 2 - Dimmer	Single Tube 1 - Pixel 10 - Intensity
12	Device Settings	RGB Panel Center - Shutter	Single Tube 2 Tube - Shutter	Single Tube 1 - Pixel 11 - Intensity
13		RGB Panel Center - Duration	Single Tube 2 - Duration	Single Tube 1 - Pixel 12 - Intensity
14		RGB Panel Center - Red	Single Tube 2 - Pattern Dimmer	Single Tube 1 - Pixel 13 - Intensity
15		RGB Panel Center - Green	Single Tube 2 - Pattern selection	Single Tube 1 - Pixel 14 - Intensity
16		RGB Panel Center - Blue	Single Tube 2 - Pattern selection X-fade	Single Tube 1 - Pixel 15 - Intensity
17		RGB Panel Center - CTC	Single Tube 2 - Pattern speed	Single Tube 1 - Pixel 16 - Intensity
18		RGB Panel Center - Pattern Dimmer	Single Tube 2 - Pattern X-fade	Single Tube 1 - Pixel 17 - Intensity
19		RGB Panel Center - Pattern selection	Single Tube 2 - Pattern Space	Single Tube 1 - Pixel 18 - Intensity
20		RGB Panel Center - Pattern selection X-fade	Single Tube Group (1-2) - Pattern Dimmer	Single Tube 1 - Pixel 19 - Intensity

Channel	Easy Mode 12CH	Easy Mode 27CH	Standard Mode 44CH (default)	138CH PURE MODE
21		RGB Panel Center - Pattern speed	Single Tube Group (1-2) - Pattern selection	Single Tube 1 - Pixel 20 - Intensity
22		RGB Panel Center - Pattern X-fade	Single Tube Group (1-2) - Pattern selection X-fade	Single Tube 1 - Pixel 21 - Intensity
23		RGB Panel Center - Pattern Space	Single Tube Group (1-2) - Pattern speed	Single Tube 1 - Pixel 22 - Intensity
24		RGB Panel Center - Pattern Red	Single Tube Group (1-2) - Pattern X-fade	Single Tube 1 - Pixel 23 - Intensity
25		RGB Panel Center - Pattern Green	Single Tube Group (1-2) - Pattern Space	Single Tube 1 - Pixel 24 - Intensity
26		RGB Panel Center - Pattern Blue	RGB Panel Center - Dimmer	Single Tube 1 - Pixel 25 - Intensity
27		Device Settings	RGB Panel Center - Shutter	Single Tube 1 - Pixel 26 - Intensity
28			RGB Panel Center - Duration	Single Tube 1 - Shutter
29			RGB Panel Center - Red	Single Tube 1 - Duration
30			RGB Panel Center - Green	Single Tube 2 - Pixel 1 - Intensity
31			RGB Panel Center - Blue	Bottom Tube 2 - Pixel 2 - Intensity
32			RGB Panel Center - CTC	Single Tube 2 - Pixel 3 - Intensity
33			RGB Panel Center - Color Macros	Single Tube 2 - Pixel 4 - Intensity
34			RGB Panel Center - Color Macro X-fade	Single Tube 2 - Pixel 5 - Intensity
35			RGB Panel Center - Pattern Dimmer	Single Tube 2 - Pixel 6 - Intensity
36			RGB Panel Center - Pattern selection	Single Tube 2 - Pixel 7 - Intensity
37			RGB Panel Center - Pattern selection X-fade	Single Tube 2 - Pixel 8 - Intensity
38			RGB Panel Center - Pattern speed	Single Tube 2 - Pixel 9 - Intensity
39			RGB Panel Center - Pattern X-fade	Single Tube 2 - Pixel 10 - Intensity
40			RGB Panel Center - Pattern Space	Single Tube 2 - Pixel 11 - Intensity
41			RGB Panel Center - Pattern Red	Single Tube 2 - Pixel 12 - Intensity
42			RGB Panel Center - Pattern Green	Single Tube 2 - Pixel 13 - Intensity
43			RGB Panel Center - Pattern Blue	Single Tube 2 - Pixel 14 - Intensity
44			Device Settings	Single Tube 2 - Pixel 15 - Intensity
45				Single Tube 2 - Pixel 16 - Intensity
46				Single Tube 2 - Pixel 17 - Intensity
47				Single Tube 2 - Pixel 18 - Intensity

Channel	Easy Mode 12CH	Easy Mode 27CH	Standard Mode 44CH (default)	138CH PURE MODE
48				Single Tube 2 - Pixel 19 - Intensity
49				Single Tube 2 - Pixel 20 - Intensity
50				Single Tube 2 - Pixel 21 - Intensity
51				Single Tube 2 - Pixel 22 - Intensity
52				Single Tube 2 - Pixel 23 - Intensity
53				Single Tube 2 - Pixel 24 - Intensity
54				Single Tube 2 - Pixel 25 - Intensity
55				Single Tube 2 - Pixel 26 - Intensity
56				Single Tube 2 Tube - Shutter
57				Single Tube 2 - Duration
58				RGB Panel Center - Shutter
59				RGB Panel Center - Duration
60				RGB Panel Center - Red 1
61				RGB Panel Center - Green 1
62				RGB Panel Center - Blue 1
63				RGB Panel Center - Red 2
64				RGB Panel Center - Green 2
65				RGB Panel Center - Blue 2
66				RGB Panel Center - Red 3
67				RGB Panel Center - Green 3
68				RGB Panel Center - Blue 3
69				RGB Panel Center - Red 4
70				RGB Panel Center - Green 4
71				RGB Panel Center - Blue 4
72				RGB Panel Center - Red 5
73				RGB Panel Center - Green 5
74				RGB Panel Center - Blue 5
75				RGB Panel Center - Red 6
76				RGB Panel Center - Green 6
77				RGB Panel Center - Blue 6
78				RGB Panel Center - Red 7
79				RGB Panel Center - Green 7

Channel	Easy Mode 12CH	Easy Mode 27CH	Standard Mode 44CH (default)	138CH PURE MODE
80				RGB Panel Center - Blue 7
81				RGB Panel Center - Red 8
82				RGB Panel Center - Green 8
83				RGB Panel Center - Blue 8
84				RGB Panel Center - Red 9
85				RGB Panel Center - Green 9
86				RGB Panel Center - Blue 9
87				RGB Panel Center - Red 10
88				RGB Panel Center - Green 10
89				RGB Panel Center - Blue 10
90				RGB Panel Center - Red 11
91				RGB Panel Center - Green 11
92				RGB Panel Center - Blue 11
93				RGB Panel Center - Red 12
94				RGB Panel Center - Green 12
95				RGB Panel Center - Blue 12
96				RGB Panel Center - Red 13
97				RGB Panel Center - Green 13
98				RGB Panel Center - Blue 13
99				RGB Panel Center - Red 14
100				RGB Panel Center - Green 14
101				RGB Panel Center - Blue 14
102				RGB Panel Center - Red 15
103				RGB Panel Center - Green 15
104				RGB Panel Center - Blue 15
105				RGB Panel Center - Red 16
106				RGB Panel Center - Green 16
107				RGB Panel Center - Blue 16
108				RGB Panel Center - Red 17
109				RGB Panel Center - Green 17
110				RGB Panel Center - Blue 17
111				RGB Panel Center - Red 18
112				RGB Panel Center - Green 18
113				RGB Panel Center - Blue 18

Channel	Pure Extend Mode 274CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
114				RGB Panel Center - Red 19
115				RGB Panel Center - Green 19
116				RGB Panel Center - Blue 19
117				RGB Panel Center - Red 20
118				RGB Panel Center - Green 20
119				RGB Panel Center - Blue 20
120				RGB Panel Center - Red 21
121				RGB Panel Center - Green 21
122				RGB Panel Center - Blue 21
123				RGB Panel Center - Red 22
124				RGB Panel Center - Green 22
125				RGB Panel Center - Blue 22
126				RGB Panel Center - Red 23
127				RGB Panel Center - Green 23
128				RGB Panel Center - Blue 23
129				RGB Panel Center - Red 24
130				RGB Panel Center - Green 24
131				RGB Panel Center - Blue 24
132				RGB Panel Center - Red 25
133				RGB Panel Center - Green 25
134				RGB Panel Center - Blue 25
135				RGB Panel Center - Red 26
136				RGB Panel Center - Green 26
137				RGB Panel Center - Blue 26
138				Device Settings

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
1	Master Dimmer	Master Dimmer	Master Dimmer	Master Dimmer Section 1-12
2	Master Dimmer fine	Single Tube 1 - Pixel 1 - Intensity	Master Dimmer fine	Single Tube 1 - Pixel 1 - Intensity
3	Single Tube 1 - Pixel 1 - Intensity	Single Tube 1 - Pixel 2 - Intensity	Single Tube 1 - Pixel 1 - Intensity	Single Tube 1 - Pixel 2 - Intensity
4	Single Tube 1 - Pixel 1 - Intensity fine	Single Tube 1 - Pixel 3 - Intensity	Single Tube 1 - Pixel 1 - Intensity fine	Single Tube 1 - Pixel 3 - Intensity
5	Single Tube 1 - Pixel 2 - Intensity	Single Tube 1 - Pixel 4 - Intensity	Single Tube 1 - Pixel 2 - Intensity	Single Tube 1 - Pixel 4 - Intensity
6	Single Tube 1 - Pixel 2 - Intensity fine	Single Tube 1 - Pixel 5 - Intensity	Single Tube 1 - Pixel 2 - Intensity fine	Single Tube 1 - Pixel 5 - Intensity

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
7	Single Tube 1 - Pixel 3 - Intensity	Single Tube 1 - Pixel 6 - Intensity	Single Tube 1 - Pixel 3 - Intensity	Single Tube 1 - Pixel 6 - Intensity
8	Single Tube 1 - Pixel 3 - Intensity fine	Single Tube 1 - Pixel 7 - Intensity	Single Tube 1 - Pixel 3 - Intensity fine	Single Tube 1 - Pixel 7 - Intensity
9	Single Tube 1 - Pixel 4 - Intensity	Single Tube 1 - Pixel 8 - Intensity	Single Tube 1 - Pixel 4 - Intensity	Single Tube 1 - Pixel 8 - Intensity
10	Single Tube 1 - Pixel 4 - Intensity fine	Single Tube 1 - Pixel 9 - Intensity	Single Tube 1 - Pixel 4 - Intensity fine	Single Tube 1 - Pixel 9 - Intensity
11	Single Tube 1 - Pixel 5 - Intensity	Single Tube 1 - Pixel 10 - Intensity	Single Tube 1 - Pixel 5 - Intensity	Single Tube 1 - Pixel 10 - Intensity
12	Single Tube 1 - Pixel 5 - Intensity fine	Single Tube 1 - Pixel 11 - Intensity	Single Tube 1 - Pixel 5 - Intensity fine	Single Tube 1 - Pixel 11 - Intensity
13	Single Tube 1 - Pixel 6 - Intensity	Single Tube 1 - Pixel 12 - Intensity	Single Tube 1 - Pixel 6 - Intensity	Single Tube 1 - Pixel 12 - Intensity
14	Single Tube 1 - Pixel 6 - Intensity fine	Single Tube 1 - Pixel 13 - Intensity	Single Tube 1 - Pixel 6 - Intensity fine	Single Tube 1 only Pixel 1-12 - Shutter
15	Single Tube 1 - Pixel 7 - Intensity	Single Tube 1 - Pixel 14 - Intensity	Single Tube 1 - Pixel 7 - Intensity	Single Tube 1 only Pixel 1-12 - Duration
16	Single Tube 1 - Pixel 7 - Intensity fine	Single Tube 1 - Pixel 15 - Intensity	Single Tube 1 - Pixel 7 - Intensity fine	Single Tube 2 - Pixel 1 - Intensity
17	Single Tube 1 - Pixel 8 - Intensity	Single Tube 1 - Pixel 16 - Intensity	Single Tube 1 - Pixel 8 - Intensity	Single Tube 2 - Pixel 2 - Intensity
18	Single Tube 1 - Pixel 8 - Intensity fine	Single Tube 1 - Pixel 17 - Intensity	Single Tube 1 - Pixel 8 - Intensity fine	Single Tube 2 - Pixel 3 - Intensity
19	Single Tube 1 - Pixel 9 - Intensity	Single Tube 1 - Pixel 18 - Intensity	Single Tube 1 - Pixel 9 - Intensity	Single Tube 2 - Pixel 4 - Intensity
20	Single Tube 1 - Pixel 9 - Intensity fine	Single Tube 1 - Pixel 19 - Intensity	Single Tube 1 - Pixel 9 - Intensity fine	Single Tube 2 - Pixel 5 - Intensity
21	Single Tube 1 - Pixel 10 - Intensity	Single Tube 1 - Pixel 20 - Intensity	Single Tube 1 - Pixel 10 - Intensity	Single Tube 2 - Pixel 6 - Intensity
22	Single Tube 1 - Pixel 10 - Intensity fine	Single Tube 1 - Pixel 21 - Intensity	Single Tube 1 - Pixel 10 - Intensity fine	Single Tube 2 - Pixel 7 - Intensity
23	Single Tube 1 - Pixel 11 - Intensity	Single Tube 1 - Pixel 22 - Intensity	Single Tube 1 - Pixel 11 - Intensity	Single Tube 2 - Pixel 8 - Intensity
24	Single Tube 1 - Pixel 11 - Intensity fine	Single Tube 1 - Pixel 23 - Intensity	Single Tube 1 - Pixel 11 - Intensity fine	Single Tube 2 - Pixel 9 - Intensity
25	Single Tube 1 - Pixel 12 - Intensity	Single Tube 1 - Pixel 24 - Intensity	Single Tube 1 - Pixel 12 - Intensity	Single Tube 2 - Pixel 10 - Intensity
26	Single Tube 1 - Pixel 12 - Intensity fine	Single Tube 1 - Pixel 25 - Intensity	Single Tube 1 - Pixel 12 - Intensity fine	Single Tube 2 - Pixel 11 - Intensity
27	Single Tube 1 - Pixel 13 - Intensity	Single Tube 1 - Pixel 26 - Intensity	Single Tube 1 - Pixel 13 - Intensity	Single Tube 2 - Pixel 12 - Intensity
28	Single Tube 1 - Pixel 13 - Intensity fine	Single Tube 1 - Shutter	Single Tube 1 - Pixel 13 - Intensity fine	Single Tube 2 only Pixel 1 -12 - Shutter
29	Single Tube 1 - Pixel 14 - Intensity	Single Tube 1 - Duration	Single Tube 1 - Pixel 14 - Intensity	Single Tube 2 only Pixel 1 -12 - Duration
30	Single Tube 1 - Pixel 14 - Intensity fine	Single Tube 1 - Pattern Dimmer	Single Tube 1 - Pixel 14 - Intensity fine	RGB Panel Center - Pixel 1-12(Pixel 1/2 a pair 3/4 up to Pixel 11/12) - Shutter
31	Single Tube 1 - Pixel 15 - Intensity	Single Tube 1 - Pattern selection	Single Tube 1 - Pixel 15 - Intensity	RGB Panel Center - Pixel 1-12(Pixel 1/2 a pair 3/4 up to Pixel 11/12)- Duration
32	Single Tube 1 - Pixel 15 - Intensity fine	Single Tube 1 - Pattern selection X-fade	Single Tube 1 - Pixel 15 - Intensity fine	RGB Panel Center - Red 1-2 (S2 Pixel 1)

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
33	Single Tube 1 - Pixel 16 - Intensity	Single Tube 1 - Pattern speed	Single Tube 1 - Pixel 16 - Intensity	RGB Panel Center - Green 1-2 (S2 Pixel 1)
34	Single Tube 1 - Pixel 16 - Intensity fine	Single Tube 1 - Pattern X-fade	Single Tube 1 - Pixel 16 - Intensity fine	RGB Panel Center - Blue 1-2 (S2 Pixel 1)
35	Single Tube 1 - Pixel 17 - Intensity	Single Tube 1 - Pattern Space	Single Tube 1 - Pixel 17 - Intensity	RGB Panel Center - Red 3-4 (S2 Pixel 2)
36	Single Tube 1 - Pixel 17 - Intensity fine	Single Tube 2 - Pixel 1 - Intensity	Single Tube 1 - Pixel 17 - Intensity fine	RGB Panel Center - Green 3-4 (S2 Pixel 2)
37	Single Tube 1 - Pixel 18 - Intensity	Single Tube 2 - Pixel 2 - Intensity	Single Tube 1 - Pixel 18 - Intensity	RGB Panel Center - Blue 3-4 (S2 Pixel 2)
38	Single Tube 1 - Pixel 18 - Intensity fine	Single Tube 2 - Pixel 3 - Intensity	Single Tube 1 - Pixel 18 - Intensity fine	RGB Panel Center - Red 5-6 (S2 Pixel 3)
39	Single Tube 1 - Pixel 19 - Intensity	Single Tube 2 - Pixel 4 - Intensity	Single Tube 1 - Pixel 19 - Intensity	RGB Panel Center - Green 5-6 (S2 Pixel 3)
40	Single Tube 1 - Pixel 19 - Intensity fine	Single Tube 2 - Pixel 5 - Intensity	Single Tube 1 - Pixel 19 - Intensity fine	RGB Panel Center - Blue 5-6 (S2 Pixel 3)
41	Single Tube 1 - Pixel 20 - Intensity	Single Tube 2 - Pixel 6 - Intensity	Single Tube 1 - Pixel 20 - Intensity	RGB Panel Center - Red 7-8 (S2 Pixel 4)
42	Single Tube 1 - Pixel 20 - Intensity fine	Single Tube 2 - Pixel 7 - Intensity	Single Tube 1 - Pixel 20 - Intensity fine	RGB Panel Center - Green 7-8 (S2 Pixel 4)
43	Single Tube 1 - Pixel 21 - Intensity	Single Tube 2 - Pixel 8 - Intensity	Single Tube 1 - Pixel 21 - Intensity	RGB Panel Center - Blue 7-8 (S2 Pixel 4)
44	Single Tube 1 - Pixel 21 - Intensity fine	Single Tube 2 - Pixel 9 - Intensity	Single Tube 1 - Pixel 21 - Intensity fine	RGB Panel Center - Red 9-10 (S2 Pixel 5)
45	Single Tube 1 - Pixel 22 - Intensity	Single Tube 2 - Pixel 10 - Intensity	Single Tube 1 - Pixel 22 - Intensity	RGB Panel Center - Green 9-10 (S2 Pixel 5)
46	Single Tube 1 - Pixel 22 - Intensity fine	Single Tube 2 - Pixel 11 - Intensity	Single Tube 1 - Pixel 22 - Intensity fine	RGB Panel Center - Blue 9-10 (S2 Pixel 5)
47	Single Tube 1 - Pixel 23 - Intensity	Single Tube 2 - Pixel 12 - Intensity	Single Tube 1 - Pixel 23 - Intensity	RGB Panel Center - Red 11-12 (S2 Pixel 6)
48	Single Tube 1 - Pixel 23 - Intensity fine	Single Tube 2 - Pixel 13 - Intensity	Single Tube 1 - Pixel 23 - Intensity fine	RGB Panel Center - Green 11-12 (S2 Pixel 6)
49	Single Tube 1 - Pixel 24 - Intensity	Single Tube 2 - Pixel 14 - Intensity	Single Tube 1 - Pixel 24 - Intensity	RGB Panel Center - Blue 11-12 (S2 Pixel 6)
50	Single Tube 1 - Pixel 24 - Intensity fine	Single Tube 2 - Pixel 15 - Intensity	Single Tube 1 - Pixel 24 - Intensity fine	
51	Single Tube 1 - Pixel 25 - Intensity	Single Tube 2 - Pixel 16 - Intensity	Single Tube 1 - Pixel 25 - Intensity	Master Dimmer Section 15-26
52	Single Tube 1 - Pixel 25 - Intensity fine	Single Tube 2 - Pixel 17 - Intensity	Single Tube 1 - Pixel 25 - Intensity fine	Single Tube 1 - Pixel 15 - Intensity (S2 Pixel 1)
53	Single Tube 1 - Pixel 26 - Intensity	Single Tube 2 - Pixel 18 - Intensity	Single Tube 1 - Pixel 26 - Intensity	Single Tube 1 - Pixel 16 - Intensity (S2 Pixel 2)
54	Single Tube 1 - Pixel 26 - Intensity fine	Single Tube 2 - Pixel 19 - Intensity	Single Tube 1 - Pixel 26 - Intensity fine	Single Tube 1 - Pixel 17 - Intensity (S2 Pixel 3)
55	Single Tube 1 - Shutter	Single Tube 2 - Pixel 20 - Intensity	Single Tube 1 - Shutter	Single Tube 1 - Pixel 18 - Intensity (S2 Pixel 4)
56	Single Tube 1 - Duration	Single Tube 2 - Pixel 21 - Intensity	Single Tube 1 - Duration	Single Tube 1 - Pixel 19 - Intensity (S2 Pixel 5)
57	Single Tube 2 - Pixel 1 - Intensity	Single Tube 2 - Pixel 22 - Intensity	Single Tube 1 - Pattern Dimmer	Single Tube 1 - Pixel 20 - Intensity (S2 Pixel 6)
58	Single Tube 2 - Pixel 1 - Intensity fine	Single Tube 2 - Pixel 23 - Intensity	Single Tube 1 - Pattern selection	Single Tube 1 - Pixel 21 - Intensity (S2 Pixel 7)
59	Single Tube 2 - Pixel 2 - Intensity	Single Tube 2 - Pixel 24 - Intensity	Single Tube 1 - Pattern selection X-fade	Single Tube 1 - Pixel 22 - Intensity (S2 Pixel 8)

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
60	Single Tube 2 - Pixel 2 - Intensity fine	Single Tube 2 - Pixel 25 - Intensity	Single Tube 1 - Pattern speed	Single Tube 1 - Pixel 23 - Intensity (S2 Pixel 9)
61	Single Tube 2 - Pixel 3 - Intensity	Single Tube 2 - Pixel 26 - Intensity	Single Tube 1 - Pattern X-fade	Single Tube 1 - Pixel 24 - Intensity (S2 Pixel 10)
62	Single Tube 2 - Pixel 3 - Intensity fine	Single Tube 2 Tube - Shutter	Single Tube 1 - Pattern Space	Single Tube 1 - Pixel 25 - Intensity (S2 Pixel 11)
63	Single Tube 2 - Pixel 4 - Intensity	Single Tube 2 - Duration	Single Tube 2 - Pixel 1 - Intensity	Single Tube 1 - Pixel 26 - Intensity (S2 Pixel 12)
64	Single Tube 2 - Pixel 4 - Intensity fine	Single Tube 2 - Pattern Dimmer	Single Tube 2 - Pixel 1 - Intensity fine	Single Tube 1 only Pixel 15-26 - Shutter (S2 Pixel 1-12)
65	Single Tube 2 - Pixel 5 - Intensity	Single Tube 2 - Pattern selection	Single Tube 2 - Pixel 2 - Intensity	Single Tube 1 only Pixel 15-26 - Duration (S2 Pixel 1-12)
66	Single Tube 2 - Pixel 5 - Intensity fine	Single Tube 2 - Pattern selection X-fade	Single Tube 2 - Pixel 2 - Intensity fine	Single Tube 2 - Pixel 15 - Intensity (S2 Pixel 1)
67	Single Tube 2 - Pixel 6 - Intensity	Single Tube 2 - Pattern speed	Single Tube 2 - Pixel 3 - Intensity	Single Tube 2 - Pixel 16 - Intensity (S2 Pixel 2)
68	Single Tube 2 - Pixel 6 - Intensity fine	Single Tube 2 - Pattern X-fade	Single Tube 2 - Pixel 3 - Intensity fine	Single Tube 2 - Pixel 17 - Intensity (S2 Pixel 3)
69	Single Tube 2 - Pixel 7 - Intensity	Single Tube 2 - Pattern Space	Single Tube 2 - Pixel 4 - Intensity	Single Tube 2 - Pixel 18 - Intensity (S2 Pixel 4)
70	Single Tube 2 - Pixel 7 - Intensity fine	Single Tube Group (1-2) - Pattern Dimmer	Single Tube 2 - Pixel 4 - Intensity fine	Single Tube 2 - Pixel 19 - Intensity (S2 Pixel 5)
71	Single Tube 2 - Pixel 8 - Intensity	Single Tube Group (1-2) - Pattern selection	Single Tube 2 - Pixel 5 - Intensity	Single Tube 2 - Pixel 20 - Intensity (S2 Pixel 6)
72	Single Tube 2 - Pixel 8 - Intensity fine	Single Tube Group (1-2) - Pattern selection X-fade	Single Tube 2 - Pixel 5 - Intensity fine	Single Tube 2 - Pixel 21 - Intensity (S2 Pixel 7)
73	Single Tube 2 - Pixel 9 - Intensity	Single Tube Group (1-2) - Pattern speed	Single Tube 2 - Pixel 6 - Intensity	Single Tube 2 - Pixel 22 - Intensity (S2 Pixel 8)
74	Single Tube 2 - Pixel 9 - Intensity fine	Single Tube Group (1-2) - Pattern X-fade	Single Tube 2 - Pixel 6 - Intensity fine	Single Tube 2 - Pixel 23 - Intensity (S2 Pixel 9)
75	Single Tube 2 - Pixel 10 - Intensity	Single Tube Group (1-2) - Pattern Space	Single Tube 2 - Pixel 7 - Intensity	Single Tube 2 - Pixel 24 - Intensity (S2 Pixel 10)
76	Single Tube 2 - Pixel 10 - Intensity fine	RGB Panel Center - Shutter	Single Tube 2 - Pixel 7 - Intensity fine	Single Tube 2 - Pixel 25 - Intensity (S2 Pixel 11)
77	Single Tube 2 - Pixel 11 - Intensity	RGB Panel Center - Duration	Single Tube 2 - Pixel 8 - Intensity	Single Tube 2 - Pixel 26 - Intensity (S2 Pixel 12)
78	Single Tube 2 - Pixel 11 - Intensity fine	RGB Panel Center - Pattern Dimmer	Single Tube 2 - Pixel 8 - Intensity fine	Single Tube 2 only Pixel 15-26 - Shutter (S2 Pixel 1-12)
79	Single Tube 2 - Pixel 12 - Intensity	RGB Panel Center - Pattern selection	Single Tube 2 - Pixel 9 - Intensity	Single Tube 2 only Pixel 15-26 - Duration (S2 Pixel 1-12)
80	Single Tube 2 - Pixel 12 - Intensity fine	RGB Panel Center - Pattern selection X-fade	Single Tube 2 - Pixel 9 - Intensity fine	RGB Panel Center - Pixel 15-26(Pixel 15/16 a pair 17/18 up to Pixel 25/26) - Shutter
81	Single Tube 2 - Pixel 13 - Intensity	RGB Panel Center - Pattern speed	Single Tube 2 - Pixel 10 - Intensity	RGB Panel Center - Pixel 1-12(Pixel 1/2 a pair 3/4 up to Pixel 11/12)- Duration
82	Single Tube 2 - Pixel 13 - Intensity fine	RGB Panel Center - Pattern X-fade	Single Tube 2 - Pixel 10 - Intensity fine	RGB Panel Center - Red 15-16 (S2 Pixel 1)
83	Single Tube 2 - Pixel 14 - Intensity	RGB Panel Center - Pattern Space	Single Tube 2 - Pixel 11 - Intensity	RGB Panel Center - Green 15-16 (S2 Pixel 1)
84	Single Tube 2 - Pixel 14 - Intensity fine	RGB Panel Center - Pattern Red	Single Tube 2 - Pixel 11 - Intensity fine	RGB Panel Center - Blue 15-16 (S2 Pixel 1)
85	Single Tube 2 - Pixel 15 - Intensity	RGB Panel Center - Pattern Green	Single Tube 2 - Pixel 12 - Intensity	RGB Panel Center - Red 17-18 (S2 Pixel 2)

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
86	Single Tube 2 - Pixel 15 - Intensity fine	RGB Panel Center - Pattern Blue	Single Tube 2 - Pixel 12 - Intensity fine	RGB Panel Center - Green 17-18 (S2 Pixel 2)
87	Single Tube 2 - Pixel 16 - Intensity	RGB Panel Center - CTC	Single Tube 2 - Pixel 13 - Intensity	RGB Panel Center - Blue 17-18 (S2 Pixel 2)
88	Single Tube 2 - Pixel 16 - Intensity fine	RGB Panel Center - Red 1	Single Tube 2 - Pixel 13 - Intensity fine	RGB Panel Center - Red 19-20 (S2 Pixel 3)
89	Single Tube 2 - Pixel 17 - Intensity	RGB Panel Center - Green 1	Single Tube 2 - Pixel 14 - Intensity	RGB Panel Center - Green 19-20 (S2 Pixel 3)
90	Single Tube 2 - Pixel 17 - Intensity fine	RGB Panel Center - Blue 1	Single Tube 2 - Pixel 14 - Intensity fine	RGB Panel Center - Blue 19-20 (S2 Pixel 3)
91	Single Tube 2 - Pixel 18 - Intensity	RGB Panel Center - Red 2	Single Tube 2 - Pixel 15 - Intensity	RGB Panel Center - Red 21-22 (S2 Pixel 4)
92	Single Tube 2 - Pixel 18 - Intensity fine	RGB Panel Center - Green 2	Single Tube 2 - Pixel 15 - Intensity fine	RGB Panel Center - Green 21-22 (S2 Pixel 4)
93	Single Tube 2 - Pixel 19 - Intensity	RGB Panel Center - Blue 2	Single Tube 2 - Pixel 16 - Intensity	RGB Panel Center - Blue 21-22 (S2 Pixel 4)
94	Single Tube 2 - Pixel 19 - Intensity fine	RGB Panel Center - Red 3	Single Tube 2 - Pixel 16 - Intensity fine	RGB Panel Center - Red 23-24 (S2 Pixel 5)
95	Single Tube 2 - Pixel 20 - Intensity	RGB Panel Center - Green 3	Single Tube 2 - Pixel 17 - Intensity	RGB Panel Center - Green 23-24 (S2 Pixel 5)
96	Single Tube 2 - Pixel 20 - Intensity fine	RGB Panel Center - Blue 3	Single Tube 2 - Pixel 17 - Intensity fine	RGB Panel Center - Blue 23-24 (S2 Pixel 5)
97	Single Tube 2 - Pixel 21 - Intensity	RGB Panel Center - Red 4	Single Tube 2 - Pixel 18 - Intensity	RGB Panel Center - Red 25-26 (S2 Pixel 6)
98	Single Tube 2 - Pixel 21 - Intensity fine	RGB Panel Center - Green 4	Single Tube 2 - Pixel 18 - Intensity fine	RGB Panel Center - Green 25-26 (S2 Pixel 6)
99	Single Tube 2 - Pixel 22 - Intensity	RGB Panel Center - Blue 4	Single Tube 2 - Pixel 19 - Intensity	RGB Panel Center - Blue 25-26 (S2 Pixel 6)
100	Single Tube 2 - Pixel 22 - Intensity fine	RGB Panel Center - Red 5	Single Tube 2 - Pixel 19 - Intensity fine	Empty channel with nothing important for patching
101	Single Tube 2 - Pixel 23 - Intensity	RGB Panel Center - Green 5	Single Tube 2 - Pixel 20 - Intensity	
102	Single Tube 2 - Pixel 23 - Intensity fine	RGB Panel Center - Blue 5	Single Tube 2 - Pixel 20 - Intensity fine	
103	Single Tube 2 - Pixel 24 - Intensity	RGB Panel Center - Red 6	Single Tube 2 - Pixel 21 - Intensity	
104	Single Tube 2 - Pixel 24 - Intensity fine	RGB Panel Center - Green 6	Single Tube 2 - Pixel 21 - Intensity fine	
105	Single Tube 2 - Pixel 25 - Intensity	RGB Panel Center - Blue 6	Single Tube 2- Pixel 22 - Intensity	
106	Single Tube 2 - Pixel 25 - Intensity fine	RGB Panel Center - Red 7	Single Tube 2 - Pixel 22 - Intensity fine	
107	Single Tube 2 - Pixel 26 - Intensity	RGB Panel Center - Green 7	Single Tube 2 - Pixel 23 - Intensity	
108	Single Tube 2 - Pixel 26 - Intensity fine	RGB Panel Center - Blue 7	Single Tube 2 - Pixel 23 - Intensity fine	
109	Single Tube 2 Tube - Shutter	RGB Panel Center - Red 8	Single Tube 2 - Pixel 24 - Intensity	
110	RGB Panel Center - Shutter	RGB Panel Center - Green 8	Single Tube 2 - Pixel 24 - Intensity fine	
111	RGB Panel Center - Duration	RGB Panel Center - Blue 8	Single Tube 2 - Pixel 25 - Intensity	
112	RGB Panel Center - Red 1	RGB Panel Center - Red 9	Single Tube 2 - Pixel 25 - Intensity fine	

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
113	RGB Panel Center - Red 1 fine	RGB Panel Center - Green 9	Single Tube 2 - Pixel 26 - Intensity	
114	RGB Panel Center - Green 1	RGB Panel Center - Blue 9	Single Tube 2 - Pixel 26 - Intensity fine	
115	RGB Panel Center - Green 1 fine	RGB Panel Center - Red 10	Single Tube 2 Tube - Shutter	
116	RGB Panel Center - Blue 1	RGB Panel Center - Green 10	Single Tube 2 - Duration	
117	RGB Panel Center - Blue 1 fine	RGB Panel Center - Blue 10	Single Tube 2- Pattern Dimmer	
118	RGB Panel Center - Red 2	RGB Panel Center - Red 11	Single Tube 2 - Pattern selection	
119	RGB Panel Center - Red 2 fine	RGB Panel Center - Green 11	Single Tube 2 - Pattern selection X-fade	
120	RGB Panel Center - Green 2	RGB Panel Center - Blue 11	Single Tube 2 - Pattern speed	
121	RGB Panel Center - Green 2 fine	RGB Panel Center - Red 12	Single Tube 2 - Pattern X-fade	
122	RGB Panel Center - Blue 2	RGB Panel Center - Green 12	Single Tube 2 - Pattern Space	
123	RGB Panel Center - Blue 2 fine	RGB Panel Center - Blue 12	Single Tube Group (1-2) - Pattern Dimmer	
124	RGB Panel Center - Red 3	RGB Panel Center - Red 13	Single Tube Group (1-2) - Pattern selection	
125	RGB Panel Center - Red 3 fine	RGB Panel Center - Green 13	Single Tube Group (1-2) - Pattern selection X-fade	
126	RGB Panel Center - Green 3	RGB Panel Center - Blue 13	Single Tube Group (1-2) - Pattern speed	
127	RGB Panel Center - Green 3 fine	RGB Panel Center - Red 14	Single Tube Group (1-2) - Pattern X-fade	
128	RGB Panel Center - Blue 3	RGB Panel Center - Green 14	Single Tube Group (1-2) - Pattern Space	
129	RGB Panel Center - Blue 3 fine	RGB Panel Center - Blue 14	RGB Panel Center - Shutter	
130	RGB Panel Center - Red 4	RGB Panel Center - Red 15	RGB Panel Center - Duration	
131	RGB Panel Center - Red 4 fine	RGB Panel Center - Green 15	RGB Panel Center - Pattern Dimmer	
132	RGB Panel Center - Green 4	RGB Panel Center - Blue 15	RGB Panel Center - Pattern selection	
133	RGB Panel Center - Green 4 fine	RGB Panel Center - Red 16	RGB Panel Center - Pattern selection X-fade	
134	RGB Panel Center - Blue 4	RGB Panel Center - Green 16	RGB Panel Center - Pattern speed	
135	RGB Panel Center - Blue 4 fine	RGB Panel Center - Blue 16	RGB Panel Center - Pattern X-fade	
136	RGB Panel Center - Red 5	RGB Panel Center - Red 17	RGB Panel Center - Pattern Space	
137	RGB Panel Center - Red 5 fine	RGB Panel Center - Green 17	RGB Panel Center - Pattern Red	
138	RGB Panel Center - Green 5	RGB Panel Center - Blue 17	RGB Panel Center - Pattern Green	
139	RGB Panel Center - Green 5 fine	RGB Panel Center - Red 18	RGB Panel Center - Pattern Blue	
140	RGB Panel Center - Blue 5	RGB Panel Center - Green 18	RGB Panel Center - CTC	

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
141	RGB Panel Center - Blue 5 fine	RGB Panel Center - Blue 18	RGB Panel Center - Red 1	
142	RGB Panel Center - Red 6	RGB Panel Center - Red 19	RGB Panel Center - Red 1 fine	
143	RGB Panel Center - Red 6 fine	RGB Panel Center - Green 19	RGB Panel Center - Green 1	
144	RGB Panel Center - Green 6	RGB Panel Center - Blue 19	RGB Panel Center - Green 1 fine	
145	RGB Panel Center - Green 6 fine	RGB Panel Center - Red 20	RGB Panel Center - Blue 1	
146	RGB Panel Center - Blue 6	RGB Panel Center - Green 20	RGB Panel Center - Blue 1 fine	
147	RGB Panel Center - Blue 6 fine	RGB Panel Center - Blue 20	RGB Panel Center - Red 2	
148	RGB Panel Center - Red 7	RGB Panel Center - Red 21	RGB Panel Center - Red 2 fine	
149	RGB Panel Center - Red 7 fine	RGB Panel Center - Green 21	RGB Panel Center - Green 2	
150	RGB Panel Center - Green 7	RGB Panel Center - Blue 21	RGB Panel Center - Green 2 fine	
151	RGB Panel Center - Green 7 fine	RGB Panel Center - Red 22	RGB Panel Center - Blue 2	
152	RGB Panel Center - Blue 7	RGB Panel Center - Green 22	RGB Panel Center - Blue 2 fine	
153	RGB Panel Center - Blue 7 fine	RGB Panel Center - Blue 22	RGB Panel Center - Red 3	
154	RGB Panel Center - Red 8	RGB Panel Center - Red 23	RGB Panel Center - Red 3 fine	
155	RGB Panel Center - Red 8 fine	RGB Panel Center - Green 23	RGB Panel Center - Green 3	
156	RGB Panel Center - Green 8	RGB Panel Center - Blue 23	RGB Panel Center - Green 3 fine	
157	RGB Panel Center - Green 8 fine	RGB Panel Center - Red 24	RGB Panel Center - Blue 3	
158	RGB Panel Center - Blue 8	RGB Panel Center - Green 24	RGB Panel Center - Blue 3 fine	
159	RGB Panel Center - Blue 8 fine	RGB Panel Center - Blue 24	RGB Panel Center - Red 4	
160	RGB Panel Center - Red 9	RGB Panel Center - Red 25	RGB Panel Center - Red 4 fine	
161	RGB Panel Center - Red 9 fine	RGB Panel Center - Green 25	RGB Panel Center - Green 4	
162	RGB Panel Center - Green 9	RGB Panel Center - Blue 25	RGB Panel Center - Green 4 fine	
163	RGB Panel Center - Green 9 fine	RGB Panel Center - Red 26	RGB Panel Center - Blue 4	
164	RGB Panel Center - Blue 9	RGB Panel Center - Green 26	RGB Panel Center - Blue 4 fine	
165	RGB Panel Center - Blue 9 fine	RGB Panel Center - Blue 26	RGB Panel Center - Red 5	
166	RGB Panel Center - Red 10	Device Settings	RGB Panel Center - Red 5 fine	
167	RGB Panel Center - Red 10 fine		RGB Panel Center - Green 5	

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
168	RGB Panel Center - Green 10		RGB Panel Center - Green 5 fine	
169	RGB Panel Center - Green 10 fine		RGB Panel Center - Blue 5	
170	RGB Panel Center - Blue 10		RGB Panel Center - Blue 5 fine	
171	RGB Panel Center - Blue 10 fine		RGB Panel Center - Red 6	
172	RGB Panel Center - Red 11		RGB Panel Center - Red 6 fine	
173	RGB Panel Center - Red 11 fine		RGB Panel Center - Green 6	
174	RGB Panel Center - Green 11		RGB Panel Center - Green 6 fine	
175	RGB Panel Center - Green 11 fine		RGB Panel Center - Blue 6	
176	RGB Panel Center - Blue 11		RGB Panel Center - Blue 6 fine	
177	RGB Panel Center - Blue 11 fine		RGB Panel Center - Red 7	
178	RGB Panel Center - Red 12		RGB Panel Center - Red 7 fine	
179	RGB Panel Center - Red 12 fine		RGB Panel Center - Green 7	
180	RGB Panel Center - Green 12		RGB Panel Center - Green 7 fine	
181	RGB Panel Center - Green 12 fine		RGB Panel Center - Blue 7	
182	RGB Panel Center - Blue 12		RGB Panel Center - Blue 7 fine	
183	RGB Panel Center - Blue 12 fine		RGB Panel Center - Red 8	
184	RGB Panel Center - Red 13		RGB Panel Center - Red 8 fine	
185	RGB Panel Center - Red 13 fine		RGB Panel Center - Green 8	
186	RGB Panel Center - Green 13		RGB Panel Center - Green 8 fine	
187	RGB Panel Center - Green 13 fine		RGB Panel Center - Blue 8	
188	RGB Panel Center - Blue 13		RGB Panel Center - Blue 8 fine	
189	RGB Panel Center - Blue 13 fine		RGB Panel Center - Red 9	
190	RGB Panel Center - Red 14		RGB Panel Center - Red 9 fine	
191	RGB Panel Center - Red 14 fine		RGB Panel Center - Green 9	
192	RGB Panel Center - Green 14		RGB Panel Center - Green 9 fine	
193	RGB Panel Center - Green 14 fine		RGB Panel Center - Blue 9	
194	RGB Panel Center - Blue 14		RGB Panel Center - Blue 9 fine	

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
195	RGB Panel Center - Blue 14 fine		RGB Panel Center - Red 10	
196	RGB Panel Center - Red 15		RGB Panel Center - Red 10 fine	
197	RGB Panel Center - Red 15 fine		RGB Panel Center - Green 10	
198	RGB Panel Center - Green 15		RGB Panel Center - Green 10 fine	
199	RGB Panel Center - Green 15 fine		RGB Panel Center - Blue 10	
200	RGB Panel Center - Blue 15		RGB Panel Center - Blue 10 fine	
201	RGB Panel Center - Blue 15 fine		RGB Panel Center - Red 11	
202	RGB Panel Center - Red 16		RGB Panel Center - Red 11 fine	
203	RGB Panel Center - Red 16 fine		RGB Panel Center - Green 11	
204	RGB Panel Center - Green 16		RGB Panel Center - Green 11 fine	
205	RGB Panel Center - Green 16 fine		RGB Panel Center - Blue 11	
206	RGB Panel Center - Blue 16		RGB Panel Center - Blue 11 fine	
207	RGB Panel Center - Blue 16 fine		RGB Panel Center - Red 12	
208	RGB Panel Center - Red 17		RGB Panel Center - Red 12 fine	
209	RGB Panel Center - Red 17 fine		RGB Panel Center - Green 12	
210	RGB Panel Center - Green 17		RGB Panel Center - Green 12 fine	
211	RGB Panel Center - Green 17 fine		RGB Panel Center - Blue 12	
212	RGB Panel Center - Blue 17		RGB Panel Center - Blue 12 fine	
213	RGB Panel Center - Blue 17 fine		RGB Panel Center - Red 13	
214	RGB Panel Center - Red 18		RGB Panel Center - Red 13 fine	
215	RGB Panel Center - Red 18 fine		RGB Panel Center - Green 13	
216	RGB Panel Center - Green 18		RGB Panel Center - Green 13 fine	
217	RGB Panel Center - Green 18 fine		RGB Panel Center - Blue 13	
218	RGB Panel Center - Blue 18		RGB Panel Center - Blue 13 fine	
219	RGB Panel Center - Blue 18 fine		RGB Panel Center - Red 14	
220	RGB Panel Center - Red 19		RGB Panel Center - Red 14 fine	
221	RGB Panel Center - Red 19 fine		RGB Panel Center - Green 14	

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
222	RGB Panel Center - Green 19		RGB Panel Center - Green 14 fine	
223	RGB Panel Center - Green 19 fine		RGB Panel Center - Blue 14	
224	RGB Panel Center - Blue 19		RGB Panel Center - Blue 14 fine	
225	RGB Panel Center - Blue 19 fine		RGB Panel Center - Red 15	
226	RGB Panel Center - Red 20		RGB Panel Center - Red 15 fine	
227	RGB Panel Center - Red 20 fine		RGB Panel Center - Green 15	
228	RGB Panel Center - Green 20		RGB Panel Center - Green 15 fine	
229	RGB Panel Center - Green 20 fine		RGB Panel Center - Blue 15	
230	RGB Panel Center - Blue 20		RGB Panel Center - Blue 15 fine	
231	RGB Panel Center - Blue 20 fine		RGB Panel Center - Red 16	
232	RGB Panel Center - Red 21		RGB Panel Center - Red 16 fine	
233	RGB Panel Center - Red 21 fine		RGB Panel Center - Green 16	
234	RGB Panel Center - Green 21		RGB Panel Center - Green 16 fine	
235	RGB Panel Center - Green 21 fine		RGB Panel Center - Blue 16	
236	RGB Panel Center - Blue 21		RGB Panel Center - Blue 16 fine	
237	RGB Panel Center - Blue 21 fine		RGB Panel Center - Red 17	
238	RGB Panel Center - Red 22		RGB Panel Center - Red 17 fine	
239	RGB Panel Center - Red 22 fine		RGB Panel Center - Green 17	
240	RGB Panel Center - Green 22		RGB Panel Center - Green 17 fine	
241	RGB Panel Center - Green 22 fine		RGB Panel Center - Blue 17	
242	RGB Panel Center - Blue 22		RGB Panel Center - Blue 17 fine	
243	RGB Panel Center - Blue 22 fine		RGB Panel Center - Red 18	
244	RGB Panel Center - Red 23		RGB Panel Center - Red 18 fine	
245	RGB Panel Center - Red 23 fine		RGB Panel Center - Green 18	
246	RGB Panel Center - Green 23		RGB Panel Center - Green 18 fine	
247	RGB Panel Center - Green 23 fine		RGB Panel Center - Blue 18	
248	RGB Panel Center - Blue 23		RGB Panel Center - Blue 18 fine	

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
249	RGB Panel Center - Blue 23 fine		RGB Panel Center - Red 19	
250	RGB Panel Center - Red 24		RGB Panel Center - Red 19 fine	
251	RGB Panel Center - Red 24 fine		RGB Panel Center - Green 19	
252	RGB Panel Center - Green 24		RGB Panel Center - Green 19 fine	
253	RGB Panel Center - Green 24 fine		RGB Panel Center - Blue 19	
254	RGB Panel Center - Blue 24		RGB Panel Center - Blue 19 fine	
255	RGB Panel Center - Blue 24 fine		RGB Panel Center - Red 20	
256	RGB Panel Center - Red 25		RGB Panel Center - Red 20 fine	
257	RGB Panel Center - Red 25 fine		RGB Panel Center - Green 20	
258	RGB Panel Center - Green 25		RGB Panel Center - Green 20 fine	
259	RGB Panel Center - Green 25 fine		RGB Panel Center - Blue 20	
260	RGB Panel Center - Blue 25		RGB Panel Center - Blue 20 fine	
261	RGB Panel Center - Blue 25 fine		RGB Panel Center - Red 21	
262	RGB Panel Center - Red 26		RGB Panel Center - Red 21 fine	
263	RGB Panel Center - Red 26 fine		RGB Panel Center - Green 21	
264	RGB Panel Center - Green 26		RGB Panel Center - Green 21 fine	
265	RGB Panel Center - Green 26 fine		RGB Panel Center - Blue 21	
266	RGB Panel Center - Blue 26		RGB Panel Center - Blue 21 fine	
267	RGB Panel Center - Blue 26 fine		RGB Panel Center - Red 22	
268	Device Settings		RGB Panel Center - Red 22 fine	
269			RGB Panel Center - Green 22	
270			RGB Panel Center - Green 22 fine	
271			RGB Panel Center - Blue 22	
272			RGB Panel Center - Blue 22 fine	
273			RGB Panel Center - Red 23	
274			RGB Panel Center - Red 23 fine	
275			RGB Panel Center - Green 23	
276			RGB Panel Center - Green 23 fine	

Channel	Pure Extend Mode 269CH	Full Access Mode 166CH	Full Access Extend Mode 297CH	100CH S2 Pure Mode
277			RGB Panel Center - Blue 23	
278			RGB Panel Center - Blue 23 fine	
279			RGB Panel Center - Red 24	
280			RGB Panel Center - Red 24 fine	
281			RGB Panel Center - Green 24	
282			RGB Panel Center - Green 24 fine	
283			RGB Panel Center - Blue 24	
284			RGB Panel Center - Blue 24 fine	
285			RGB Panel Center - Red 25	
286			RGB Panel Center - Red 25 fine	
287			RGB Panel Center - Green 25	
288			RGB Panel Center - Green 25 fine	
289			RGB Panel Center - Blue 25	
290			RGB Panel Center - Blue 25 fine	
291			RGB Panel Center - Red 26	
292			RGB Panel Center - Red 26 fine	
293			RGB Panel Center - Green 26	
294			RGB Panel Center - Green 26 fine	
295			RGB Panel Center - Blue 26	
296			RGB Panel Center - Blue 26 fine	
297			Device Settings	

12CH EASY MODE					
CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Single Tube (1-2) - Dimmer	000-255		0	
3	Single Tube (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				
4	Single Tube (1-2) - Duration	000-255		0	only affects to Strobe 1 (025-064)
5	RGB Panel Center - Dimmer	000-255		255	
6	RGB Panel Center - 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		

12CH EASY MODE

CH	Function	Value	Setting	Default	Remark
6	RGB Panel Center - 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	RGB Panel Center - Duration	000-255		0	only affects to Strobe 1 (025-064)
8	RGB Panel Center - Red	000-255		255	
9	RGB Panel Center - Green	000-255		255	
10	RGB Panel Center - Blue	000-255		255	
11	RGB Panel Center - 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)		
12	Device Settings (please see remark *1)	000 - 005	No function	0	
		006-010	Display Backlight On (hold 3s)		
		011-015	Display Backlight Off (hold 3s)		
		016-018	No function		
		019-023	DMX Fail Blackout (hold 3s)		
		024-028	DMX Fail Hold (hold 3s)		
		029-033	DMX Fail - Emergency Light (hold 3s)		
		034-036	No function		
		037-041	Linear Dimmer Curve (hold 1,5s)		

12CH EASY MODE

CH	Function	Value	Setting	Default	Remark
12	Device Settings (please see remark *1)	042-046	Exponential Dimmer Curve (hold 1,5s)	0	
		047-051	Logarithmic Dimmer Curve (hold 1,5s)		
		052-056	S-Curve Dimmer Curve (hold 1,5s)		
		057-061	No function		
		062-066	LED (Fast) Dimmer Response (hold 1,5s)		
		067-071	Medium Dimmer Response (hold 1,5s)		
		072-076	Halogen(Slow) Dimmer Response (hold 1,5s)		
		077-080	No function		
		081-085	Full Calibration (Colors & CCT / hold 3s)		
		086-090	CCT Calibration (RAW Colors / hold 3s)		
		091-093	No function		
		094-098	LED Frequency 800Hz (hold 3s)		
		099-103	LED Frequency 1200Hz (hold 3s)		
		104-108	LED Frequency 2000Hz (hold 3s)		
		109-113	LED Frequency 3600Hz (hold 3s)		
		114-118	LED Frequency 12kHz (hold 3s)		
		119-123	LED Frequency 25kHz (hold 3s)		
		124-126	No function		
		127-131	Fan Auto (hold 3s)		
		132-136	Fan Silent (hold 3s)		
		137-141	Fan Off (hold 3s)		
		142-146	Fan High Power (hold 3s)		
		147-149	No function		
		150-154	Invert RGB Panel Off (hold 1,5s)		
		155-159	Invert RGB Panel On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)		
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)		
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Swap Single Tubes Off (hold 1,5s)		
		185-189	Swap Single Tubes On (hold 1,5s)		
		190-224	No function		
225-229	LED Mode - Illumination (hold 1,5s)				
230-234	LED Mode - Boost (hold 1,5s)				

12CH EASY MODE

12	Device Settings (please see remark *1)	235-237	No function	0	No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250
		238-242	Factory Reset (hold 3s)		
		243-247	User Reset (hold 3s)		
		248-255	No function		
remark *1		After adjustments please set the value back to 000 to avoid any disturbance by endless function call.			

27CH EASY MODE

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Single Tube (1-2) - Dimmer	000-255		0	
3	Single Tube (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 (fas ⊕ slow)				
245 - 255	Shutter open				
4	Single Tube (1-2) - Duration	000-255		0	only affects to Strobe 1 (025-064)

27CH EASY MODE					
CH	Function	Value	Setting	Default	Remark
5	Single Tube (1-2) - Pattern Dimmer	000-255		0	
6	Single Tube (1-2) - Pattern selection	000-255		3	according to Tube Pattern Chart
7	Single Tube (1-2) - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
8	Single Tube (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		
9	Single Tube (1-2) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
10	Single Tube (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		
11	RGB Panel Center - Dimmer	000-255		255	
12	RGB Panel Center - 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)				

27CH EASY MODE

CH	Function	Value	Setting	Default	Remark
		205 - 209	Shutter open		
		210 - 224	Strobe 9:sine wave (fast ⊕ slow)		
12	RGB Panel Center - Shutter	225 - 229	Shutter open	22	
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
13	RGB Panel Center - Duration	000-255		0	only affects to Strobe 1 (025-064)
14	RGB Panel Center - Red	000-255		255	
15	RGB Panel Center - Green	000-255		255	
16	RGB Panel Center - Blue	000-255		255	
17	RGB Panel Center - 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)		
18	RGB Panel Center - Pattern Dimmer	000-255		0	
19	RGB Panel Center - Pattern selection	000-255		3	according to RGB Panel Pattern Chart
20	RGB Panel Center - Pattern selection X-fade	000 - 005	no function 1s - 250s (1s steps)	0	
		006-255			
21	RGB Panel Center - 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		
22	RGB Panel Center - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
23	RGB Panel Center - 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		
24	RGB Panel Center - Pattern Red	000-255		255	

27CH EASY MODE					
CH	Function	Value	Setting	Default	Remark
25	RGB Panel Center - Pattern Green	000-255		255	
26	RGB Panel Center - Pattern Blue	000-255		255	
27	Device Settings (please see remark *1)	000 - 005	No function	0	
		006-010	Display Backlight On (hold 3s)		
		011-015	Display Backlight Off (hold 3s)		
		016-018	No function		
		019-023	DMX Fail Blackout (hold 3s)		
		024-028	DMX Fail Hold (hold 3s)		
		029-033	DMX Fail - Emergency Light (hold 3s)		
		034-036	No function		
		037-041	Linear Dimmer Curve (hold 1,5s)		
		042-046	Exponential Dimmer Curve (hold 1,5s)		
		047-051	Logarithmic Dimmer Curve (hold 1,5s)		
		052-056	S-Curve Dimmer Curve (hold 1,5s)		
		057-061	No function		
		062-066	LED (Fast) Dimmer Response (hold 1,5s)		
		067-071	Medium Dimmer Response (hold 1,5s)		
		072-076	Halogen(Slow) Dimmer Response (hold 1,5s)		
		077-080	No function		
		081-085	Full Calibration (Colors & CCT / hold 3s)		
		086-090	CCT Calibration (RAW Colors / hold 3s)		
		091-093	No function		
		094-098	LED Frequency 800Hz (hold 3s)		
		099-103	LED Frequency 1200Hz (hold 3s)		
		104-108	LED Frequency 2000Hz (hold 3s)		
		109-113	LED Frequency 3600Hz (hold 3s)		
		114-118	LED Frequency 12kHz (hold 3s)		
		119-123	LED Frequency 25kHz (hold 3s)		
		124-126	No function		
		127-131	Fan Auto (hold 3s)		
		132-136	Fan Silent (hold 3s)		
		137-141	Fan Off (hold 3s)		
142-146	Fan High Power (hold 3s)				
147-149	No function				

27CH EASY MODE

CH	Function	Value	Setting	Default	Remark
27	Device Settings (please see remark *1)	150-154	Invert RGB Panel Off (hold 1,5s)	0	
		155-159	Invert RGB Panel On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)		
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)		
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Swap Single Tubes Off (hold 1,5s)		
		185-189	Swap Single Tubes On (hold 1,5s)		
		190-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)		
		230-234	LED Mode - Boost (hold 1,5s)		
		235-237	No function		
	238-242	Factory Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250	
	243-247	User Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250	
	248-255	No function			
	remark *1	After adjustments please set the value back to 000 to avoid any disturbance by endless function call.			

44CH STANDARD MODE (default Mode)

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Single Tube 1 - Dimmer	000-255		0	
3	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		

44CH STANDARD MODE (default Mode)

CH	Function	Value	Setting	Default	Remark
3	Single Tube 1 - Shutter	130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)	22	
		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	Single Tube 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
5	Single Tube 1 - Pattern Dimmer	000-255		0	
6	Single Tube 1 - Pattern selection	000-255		3	according to Tube Pattern Chart
7	Single Tube 1 - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
8	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		
9	Single Tube 1 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
10	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		
11	Single Tube 2 - Dimmer	000-255		0	
12	Single Tube 2 Tube - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		

44CH STANDARD MODE (default Mode)

CH	Function	Value	Setting	Default	Remark
12	Single Tube 2 Tube - 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				
13	Single Tube 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
14	Single Tube 2 - Pattern Dimmer	000-255		0	
15	Single Tube 2 - Pattern selection	000-255		3	according to Tube Pattern Chart
16	Single Tube 2 - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
17	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		
18	Single Tube 2 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
19	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		

44CH STANDARD MODE (default Mode)

CH	Function	Value	Setting	Default	Remark
19	Single Tube 2 - Pattern Space	171-213	5-Segment Spaces	0	
		214-255	6-Segment Spaces		
20	Single Tube Group (1-2) - Pattern Dimmer	000-255		0	
21	Single Tube Group (1-2) - Pattern selection	000-255		3	according to Tube Group Pattern Chart
22	Single Tube Group (1-2) - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
23	Single Tube 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		
24	Single Tube Group (1-2) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
25	Single Tube 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		
26	RGB Panel Center - Dimmer	000-255		255	
27	RGB Panel Center - 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		

44CH STANDARD MODE (default Mode)

CH	Function	Value	Setting	Default	Remark
27	RGB Panel Center - Shutter	170 - 184	Strobe 7: burst pulse (fast ⊕ slow)	22	
		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	RGB Panel Center - Duration	000-255		0	only affects to Strobe 1 (025-064)
29	RGB Panel Center - Red	000-255		255	
30	RGB Panel Center - Green	000-255		255	
31	RGB Panel Center - Blue	000-255		255	
32	RGB Panel Center - CTC	000 - 004	7000K	2	affects RGB Panels 1+2 and Patterns
		33	2000K-6500K linear in 20-21K steps (please see detailed CTC chart)		according to CTC chart
		34	5600K		
		35	6500K		
		36	6621K-10.000K linear in 120-121K steps (please see detailed CTC chart)		
33	RGB Panel Center - Color Macros	000-255		3	according to ROXX Color Macro chart
34	RGB Panel Center - 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)		
35	RGB Panel Center - Pattern Dimmer	000-255		0	
36	RGB Panel Center - Pattern selection	000-255		3	according to RGB Panel Pattern Chart
37	RGB Panel Center - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
38	RGB Panel Center - 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		

44CH STANDARD MODE (default Mode)					
CH	Function	Value	Setting	Default	Remark
39	RGB Panel Center - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
40	RGB Panel Center - 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		
41	RGB Panel Center - Pattern Red	000-255		255	
42	RGB Panel Center - Pattern Green	000-255		255	
43	RGB Panel Center - Pattern Blue	000-255		255	
44	Device Settings (please see remark *1)	000 - 005	No function	0	
		006-010	Display Backlight On (hold 3s)		
		011-015	Display Backlight Off (hold 3s)		
		016-018	No function		
		019-023	DMX Fail Blackout (hold 3s)		
		024-028	DMX Fail Hold (hold 3s)		
		029-033	DMX Fail - Emergency Light (hold 3s)		
		034-036	No function		
		037-041	Linear Dimmer Curve (hold 1,5s)		
		042-046	Exponential Dimmer Curve (hold 1,5s)		
		047-051	Logarithmic Dimmer Curve (hold 1,5s)		
		052-056	S-Curve Dimmer Curve (hold 1,5s)		
		057-061	No function		
		062-066	LED (Fast) Dimmer Response (hold 1,5s)		
		067-071	Medium Dimmer Response (hold 1,5s)		
		072-076	Halogen (Slow) Dimmer Response (hold 1,5s)		
		077-080	No function		
		081-085	Full Calibration (Colors & CCT / hold 3s)		
		086-090	CCT Calibration (RAW Colors / hold 3s)		
		091-093	No function		
094-098	LED Frequency 800Hz (hold 3s)				
099-103	LED Frequency 1200Hz (hold 3s)				
104-108	LED Frequency 2000Hz (hold 3s)				

44CH STANDARD MODE (default Mode)

CH	Function	Value	Setting	Default	Remark
44	Device Settings (please see remark *1)	109-113	LED Frequency 3600Hz (hold 3s)	0	
		114-118	LED Frequency 12kHz (hold 3s)		
		119-123	LED Frequency 25kHz (hold 3s)		
		124-126	No function		
		127-131	Fan Auto (hold 3s)		
		132-136	Fan Silent (hold 3s)		
		137-141	Fan Off (hold 3s)		
		142-146	Fan High Power (hold 3s)		
		147-149	No function		
		150-154	Invert RGB Panel Off (hold 1,5s)		
		155-159	Invert RGB Panel On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)		
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)		
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Swap Single Tubes Off (hold 1,5s)		
		185-189	Swap Single Tubes On (hold 1,5s)		
		190-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)		
		230-234	LED Mode - Boost (hold 1,5s)		
235-237	No function				
		238-242	Factory Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250
		243-247	User Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250
		248-255	No function		
	remark *1	After adjustments please set the value back to 000 to avoid any disturbance by endless function call.			

138CH PURE MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Single Tube 1 - Pixel 1 - Intensity	000-255		0	
3	Single Tube 1 - Pixel 2 - Intensity	000-255		0	
4	Single Tube 1 - Pixel 3 - Intensity	000-255		0	

138CH PURE MODE (Single Pixel 8 bit with Strobfunction)

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

138CH PURE MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
28	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				
29	Single Tube 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
30	Single Tube 2 - Pixel 1 - Intensity	000-255		0	
31	Bottom Tube 2 - Pixel 2 - Intensity	000-255		0	
32	Single Tube 2 - Pixel 3 - Intensity	000-255		0	
33	Single Tube 2 - Pixel 4 - Intensity	000-255		0	
34	Single Tube 2 - Pixel 5 - Intensity	000-255		0	
35	Single Tube 2 - Pixel 6 - Intensity	000-255		0	
36	Single Tube 2 - Pixel 7 - Intensity	000-255		0	
37	Single Tube 2 - Pixel 8 - Intensity	000-255		0	

138CH PURE MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
38	Single Tube 2 - Pixel 9 - Intensity	000-255		0	
39	Single Tube 2 - Pixel 10 - Intensity	000-255		0	
40	Single Tube 2 - Pixel 11 - Intensity	000-255		0	
41	Single Tube 2 - Pixel 12 - Intensity	000-255		0	
42	Single Tube 2 - Pixel 13 - Intensity	000-255		0	
43	Single Tube 2 - Pixel 14 - Intensity	000-255		0	
44	Single Tube 2 - Pixel 15 - Intensity	000-255		0	
45	Single Tube 2 - Pixel 16 - Intensity	000-255		0	
46	Single Tube 2 - Pixel 17 - Intensity	000-255		0	
47	Single Tube 2 - Pixel 18 - Intensity	000-255		0	
48	Single Tube 2 - Pixel 19 - Intensity	000-255		0	
49	Single Tube 2 - Pixel 20 - Intensity	000-255		0	
50	Single Tube 2 - Pixel 21 - Intensity	000-255		0	
51	Single Tube 2 - Pixel 22 - Intensity	000-255		0	
52	Single Tube 2 - Pixel 23 - Intensity	000-255		0	
53	Single Tube 2 - Pixel 24 - Intensity	000-255		0	
54	Single Tube 2 - Pixel 25 - Intensity	000-255		0	
55	Single Tube 2 - Pixel 26 - Intensity	000-255		0	
56	Single Tube 2 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		

138CH PURE MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
56	Single Tube 2 Tube - Shutter	130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)	22	
		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		
57	Single Tube 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
58	RGB Panel Center - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
58	RGB Panel Center - Shutter	065 - 069	Shutter open	22	
		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				

138CH PURE MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
59	RGB Panel Center - Duration	000-255		0	only affects to Strobe 1 (025-064)
60	RGB Panel Center - Red 1	000-255		255	
61	RGB Panel Center - Green 1	000-255		255	
62	RGB Panel Center - Blue 1	000-255		255	
63	RGB Panel Center - Red 2	000-255		255	
64	RGB Panel Center - Green 2	000-255		255	
65	RGB Panel Center - Blue 2	000-255		255	
66	RGB Panel Center - Red 3	000-255		255	
67	RGB Panel Center - Green 3	000-255		255	
68	RGB Panel Center - Blue 3	000-255		255	
69	RGB Panel Center - Red 4	000-255		255	
70	RGB Panel Center - Green 4	000-255		255	
71	RGB Panel Center - Blue 4	000-255		255	
72	RGB Panel Center - Red 5	000-255		255	
73	RGB Panel Center - Green 5	000-255		255	
74	RGB Panel Center - Blue 5	000-255		255	
75	RGB Panel Center - Red 6	000-255		255	
76	RGB Panel Center - Green 6	000-255		255	
77	RGB Panel Center - Blue 6	000-255		255	
78	RGB Panel Center - Red 7	000-255		255	
79	RGB Panel Center - Green 7	000-255		255	
80	RGB Panel Center - Blue 7	000-255		255	
81	RGB Panel Center - Red 8	000-255		255	
82	RGB Panel Center - Green 8	000-255		255	
83	RGB Panel Center - Blue 8	000-255		255	

138CH PURE MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
84	RGB Panel Center - Red 9	000-255		255	
85	RGB Panel Center - Green 9	000-255		255	
86	RGB Panel Center - Blue 9	000-255		255	
87	RGB Panel Center - Red 10	000-255		255	
88	RGB Panel Center - Green 10	000-255		255	
89	RGB Panel Center - Blue 10	000-255		255	
90	RGB Panel Center - Red 11	000-255		255	
91	RGB Panel Center - Green 11	000-255		255	
92	RGB Panel Center - Blue 11	000-255		255	
93	RGB Panel Center - Red 12	000-255		255	
94	RGB Panel Center - Green 12	000-255		255	
95	RGB Panel Center - Blue 12	000-255		255	
96	RGB Panel Center - Red 13	000-255		255	
97	RGB Panel Center - Green 13	000-255		255	
98	RGB Panel Center - Blue 13	000-255		255	
99	RGB Panel Center - Red 14	000-255		255	
100	RGB Panel Center - Green 14	000-255		255	
101	RGB Panel Center - Blue 14	000-255		255	
102	RGB Panel Center - Red 15	000-255		255	
103	RGB Panel Center - Green 15	000-255		255	
104	RGB Panel Center - Blue 15	000-255		255	
105	RGB Panel Center - Red 16	000-255		255	
106	RGB Panel Center - Green 16	000-255		255	
107	RGB Panel Center - Blue 16	000-255		255	
108	RGB Panel Center - Red 17	000-255		255	

138CH PURE MODE (Single Pixel 8 bit with Strobfuction)

CH	Function	Value	Setting	Default	Remark
109	RGB Panel Center - Green 17	000-255		255	
110	RGB Panel Center - Blue 17	000-255		255	
111	RGB Panel Center - Red 18	000-255		255	
112	RGB Panel Center - Green 18	000-255		255	
113	RGB Panel Center - Blue 18	000-255		255	
114	RGB Panel Center - Red 19	000-255		255	
115	RGB Panel Center - Green 19	000-255		255	
116	RGB Panel Center - Blue 19	000-255		255	
117	RGB Panel Center - Red 20	000-255		255	
118	RGB Panel Center - Green 20	000-255		255	
119	RGB Panel Center - Blue 20	000-255		255	
120	RGB Panel Center - Red 21	000-255		255	
121	RGB Panel Center - Green 21	000-255		255	
122	RGB Panel Center - Blue 21	000-255		255	
123	RGB Panel Center - Red 22	000-255		255	
124	RGB Panel Center - Green 22	000-255		255	
125	RGB Panel Center - Blue 22	000-255		255	
126	RGB Panel Center - Red 23	000-255		255	
127	RGB Panel Center - Green 23	000-255		255	
128	RGB Panel Center - Blue 23	000-255		255	
129	RGB Panel Center - Red 24	000-255		255	
130	RGB Panel Center - Green 24	000-255		255	
131	RGB Panel Center - Blue 24	000-255		255	
132	RGB Panel Center - Red 25	000-255		255	
133	RGB Panel Center - Green 25	000-255		255	

138CH PURE MODE (Single Pixel 8 bit with Strobfuction)

CH	Function	Value	Setting	Default	Remark
134	RGB Panel Center - Blue 25	000-255		255	
135	RGB Panel Center - Red 26	000-255		255	
136	RGB Panel Center - Green 26	000-255		255	
137	RGB Panel Center - Blue 26	000-255		255	
138	Device Settings (please see remark *1)	000 - 005	No function	0	
		006-010	Display Backlight On (hold 3s)		
		011-015	Display Backlight Off (hold 3s)		
		016-018	No function		
		019-023	DMX Fail Blackout (hold 3s)		
		024-028	DMX Fail Hold (hold 3s)		
		029-033	DMX Fail - Emergency Light (hold 3s)		
		034-036	No function		
		037-041	Linear Dimmer Curve (hold 1,5s)		
		042-046	Exponential Dimmer Curve (hold 1,5s)		
		047-051	Logarithmic Dimmer Curve (hold 1,5s)		
		052-056	S-Curve Dimmer Curve (hold 1,5s)		
		057-061	No function		
		062-066	LED (Fast) Dimmer Response (hold 1,5s)		
		067-071	Medium Dimmer Response (hold 1,5s)		
		072-076	Halogen(Slow) Dimmer Response (hold 1,5s)		
		077-080	No function		
		081-085	Full Calibration (Colors & CCT / hold 3s)		
		086-090	CCT Calibration (RAW Colors / hold 3s)		
		091-093	No function		
		094-098	LED Frequency 800Hz (hold 3s)		
		099-103	LED Frequency 1200Hz (hold 3s)		
		104-108	LED Frequency 2000Hz (hold 3s)		
		109-113	LED Frequency 3600Hz (hold 3s)		
114-118	LED Frequency 12kHz (hold 3s)				
119-123	LED Frequency 25kHz (hold 3s)				
124-126	No function				
127-131	Fan Auto (hold 3s)				
132-136	Fan Silent (hold 3s)				

138CH PURE MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
138	Device Settings (please see remark *1)	137-141	Fan Off (hold 3s)	0	
		142-146	Fan High Power (hold 3s)		
		147-149	No function		
		150-154	Invert RGB Panel Off (hold 1,5s)		
		155-159	Invert RGB Panel On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)		
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)		
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Swap Single Tubes Off (hold 1,5s)		
		185-189	Swap Single Tubes On (hold 1,5s)		
		190-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)		
		230-234	LED Mode - Boost (hold 1,5s)		
		235-237	No function		
	238-242	Factory Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250	
	243-247	User Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250	
	248-255	No function			
	remark *1	After adjustments please set the value back to 000 to avoid any disturbance by endless function call.			

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Master Dimmer fine	000-255		0	
3	Single Tube 1 - Pixel 1 - Intensity	000-255		0	
4	Single Tube 1 - Pixel 1 - Intensity fine	000-255		0	
5	Single Tube 1 - Pixel 2 - Intensity	000-255		0	
6	Single Tube 1 - Pixel 2 - Intensity fine	000-255		0	
7	Single Tube 1 - Pixel 3 - Intensity	000-255		0	
8	Single Tube 1 - Pixel 3 - Intensity fine	000-255		0	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
9	Single Tube 1 - Pixel 4 - Intensity	000-255		0	
10	Single Tube 1 - Pixel 4 - Intensity fine	000-255		0	
11	Single Tube 1 - Pixel 5 - Intensity	000-255		0	
12	Single Tube 1 - Pixel 5 - Intensity fine	000-255		0	
13	Single Tube 1 - Pixel 6 - Intensity	000-255		0	
14	Single Tube 1 - Pixel 6 - Intensity fine	000-255		0	
15	Single Tube 1 - Pixel 7 - Intensity	000-255		0	
16	Single Tube 1 - Pixel 7 - Intensity fine	000-255		0	
17	Single Tube 1 - Pixel 8 - Intensity	000-255		0	
18	Single Tube 1 - Pixel 8 - Intensity fine	000-255		0	
19	Single Tube 1 - Pixel 9 - Intensity	000-255		0	
20	Single Tube 1 - Pixel 9 - Intensity fine	000-255		0	1
21	Single Tube 1 - Pixel 10 - Intensity	000-255		0	
22	Single Tube 1 - Pixel 10 - Intensity fine	000-255		0	
23	Single Tube 1 - Pixel 11 - Intensity	000-255		0	
24	Single Tube 1 - Pixel 11 - Intensity fine	000-255		0	
25	Single Tube 1 - Pixel 12 - Intensity	000-255		0	
26	Single Tube 1 - Pixel 12 - Intensity fine	000-255		0	
27	Single Tube 1 - Pixel 13 - Intensity	000-255		0	
28	Single Tube 1 - Pixel 13 - Intensity fine	000-255		0	
29	Single Tube 1 - Pixel 14 - Intensity	000-255		0	
30	Single Tube 1 - Pixel 14 - Intensity fine	000-255		0	
31	Single Tube 1 - Pixel 15 - Intensity	000-255		0	
32	Single Tube 1 - Pixel 15 - Intensity fine	000-255		0	
33	Single Tube 1 - Pixel 16 - Intensity	000-255		0	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
34	Single Tube 1 - Pixel 16 - Intensity fine	000-255		0	
35	Single Tube 1 - Pixel 17 - Intensity	000-255		0	
36	Single Tube 1 - Pixel 17 - Intensity fine	000-255		0	
37	Single Tube 1 - Pixel 18 - Intensity	000-255		0	
38	Single Tube 1 - Pixel 18 - Intensity fine	000-255		0	
39	Single Tube 1 - Pixel 19 - Intensity	000-255		0	
40	Single Tube 1 - Pixel 19 - Intensity fine	000-255		0	
41	Single Tube 1 - Pixel 20 - Intensity	000-255		0	
42	Single Tube 1 - Pixel 20 - Intensity fine	000-255		0	
43	Single Tube 1 - Pixel 21 - Intensity	000-255		0	
44	Single Tube 1 - Pixel 21 - Intensity fine	000-255		0	
45	Single Tube 1 - Pixel 22 - Intensity	000-255		0	
46	Single Tube 1 - Pixel 22 - Intensity fine	000-255		0	
47	Single Tube 1 - Pixel 23 - Intensity	000-255		0	
48	Single Tube 1 - Pixel 23 - Intensity fine	000-255		0	
49	Single Tube 1 - Pixel 24 - Intensity	000-255		0	
50	Single Tube 1 - Pixel 24 - Intensity fine	000-255		0	
51	Single Tube 1 - Pixel 25 - Intensity	000-255		0	
52	Single Tube 1 - Pixel 25 - Intensity fine	000-255		0	
53	Single Tube 1 - Pixel 26 - Intensity	000-255		0	
54	Single Tube 1 - Pixel 26 - Intensity fine	000-255		0	
55	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		

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
55	Single Tube 1 - 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				
56	Single Tube 1 - 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	
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	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
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 2 - Pixel 13 - Intensity	000-255		0	
82	Single Tube 2 - Pixel 13 - Intensity fine	000-255		0	
83	Single Tube 2 - Pixel 14 - Intensity	000-255		0	
84	Single Tube 2 - Pixel 14 - Intensity fine	000-255		0	
85	Single Tube 2 - Pixel 15 - Intensity	000-255		0	
86	Single Tube 2 - Pixel 15 - Intensity fine	000-255		0	
87	Single Tube 2 - Pixel 16 - Intensity	000-255		0	
88	Single Tube 2 - Pixel 16 - Intensity fine	000-255		0	
89	Single Tube 2 - Pixel 17 - Intensity	000-255		0	
90	Single Tube 2 - Pixel 17 - Intensity fine	000-255		0	
91	Single Tube 2 - Pixel 18 - Intensity	000-255		0	
92	Single Tube 2 - Pixel 18 - Intensity fine	000-255		0	
93	Single Tube 2 - Pixel 19 - Intensity	000-255		0	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
94	Single Tube 2 - Pixel 19 - Intensity fine	000-255		0	
95	Single Tube 2 - Pixel 20 - Intensity	000-255		0	
96	Single Tube 2 - Pixel 20 - Intensity fine	000-255		0	
97	Single Tube 2 - Pixel 21 - Intensity	000-255		0	
98	Single Tube 2 - Pixel 21 - Intensity fine	000-255		0	
99	Single Tube 2 - Pixel 22 - Intensity	000-255		0	
100	Single Tube 2 - Pixel 22 - Intensity fine	000-255		0	
101	Single Tube 2 - Pixel 23 - Intensity	000-255		0	
102	Single Tube 2 - Pixel 23 - Intensity fine	000-255		0	
103	Single Tube 2 - Pixel 24 - Intensity	000-255		0	
104	Single Tube 2 - Pixel 24 - Intensity fine	000-255		0	
105	Single Tube 2 - Pixel 25 - Intensity	000-255		0	
106	Single Tube 2 - Pixel 25 - Intensity fine	000-255		0	
107	Single Tube 2 - Pixel 26 - Intensity	000-255		0	
108	Single Tube 2 - Pixel 26 - Intensity fine	000-255		0	
109	Single Tube 2 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)				

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
109	Single Tube 2 Tube - Shutter	165 - 169	Shutter open	22	
		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		
110	Single Tube 2 - Duration	0 - 255		0	only affects to Strobe 1 (025-064)
111	RGB Panel Center - 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				
112	RGB Panel Center - Duration	000-255		0	only affects to Strobe 1 (025-064)
113	RGB Panel Center - Red 1	000-255		255	
114	RGB Panel Center - Red 1 fine	000-255		255	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
115	RGB Panel Center - Green 1	000-255		255	
116	RGB Panel Center - Green 1 fine	000-255		255	
117	RGB Panel Center - Blue 1	000-255		255	
118	RGB Panel Center - Blue 1 fine	000-255		255	
119	RGB Panel Center - Red 2	000-255		255	
120	RGB Panel Center - Red 2 fine	000-255		255	
121	RGB Panel Center - Green 2	000-255		255	
122	RGB Panel Center - Green 2 fine	000-255		255	
123	RGB Panel Center - Blue 2	000-255		255	
124	RGB Panel Center - Blue 2 fine	000-255		255	
125	RGB Panel Center - Red 3	000-255		255	
126	RGB Panel Center - Red 3 fine	000-255		255	
127	RGB Panel Center - Green 3	000-255		255	
128	RGB Panel Center - Green 3 fine	000-255		255	
129	RGB Panel Center - Blue 3	000-255		255	
130	RGB Panel Center - Blue 3 fine	000-255		255	
131	RGB Panel Center - Red 4	000-255		255	
132	RGB Panel Center - Red 4 fine	000-255		255	
133	RGB Panel Center - Green 4	000-255		255	
134	RGB Panel Center - Green 4 fine	000-255		255	
135	RGB Panel Center - Blue 4	000-255		255	
136	RGB Panel Center - Blue 4 fine	000-255		255	
137	RGB Panel Center - Red 5	000-255		255	
138	RGB Panel Center - Red 5 fine	000-255		255	
139	RGB Panel Center - Green 5	000-255		255	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
140	RGB Panel Center - Green 5 fine	000-255		255	
141	RGB Panel Center - Blue 5	000-255		255	
142	RGB Panel Center - Blue 5 fine	000-255		255	
143	RGB Panel Center - Red 6	000-255		255	
144	RGB Panel Center - Red 6 fine	000-255		255	
145	RGB Panel Center - Green 6	000-255		255	
146	RGB Panel Center - Green 6 fine	000-255		255	
147	RGB Panel Center - Blue 6	000-255		255	
148	RGB Panel Center - Blue 6 fine	000-255		255	
149	RGB Panel Center - Red 7	000-255		255	
150	RGB Panel Center - Red 7 fine	000-255		255	
151	RGB Panel Center - Green 7	000-255		255	
152	RGB Panel Center - Green 7 fine	000-255		255	
153	RGB Panel Center - Blue 7	000-255		255	
154	RGB Panel Center - Blue 7 fine	000-255		255	
155	RGB Panel Center - Red 8	000-255		255	
156	RGB Panel Center - Red 8 fine	000-255		255	
157	RGB Panel Center - Green 8	000-255		255	
158	RGB Panel Center - Green 8 fine	000-255		255	
159	RGB Panel Center - Blue 8	000-255		255	
160	RGB Panel Center - Blue 8 fine	000-255		255	
161	RGB Panel Center - Red 9	000-255		255	
162	RGB Panel Center - Red 9 fine	000-255		255	
163	RGB Panel Center - Green 9	000-255		255	
164	RGB Panel Center - Green 9 fine	000-255		255	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
165	RGB Panel Center - Blue 9	000-255		255	
166	RGB Panel Center - Blue 9 fine	000-255		255	
167	RGB Panel Center - Red 10	000-255		255	
168	RGB Panel Center - Red 10 fine	000-255		255	
169	RGB Panel Center - Green 10	000-255		255	
170	RGB Panel Center - Green 10 fine	000-255		255	
171	RGB Panel Center - Blue 10	000-255		255	
172	RGB Panel Center - Blue 10 fine	000-255		255	
173	RGB Panel Center - Red 11	000-255		255	
174	RGB Panel Center - Red 11 fine	000-255		255	
175	RGB Panel Center - Green 11	000-255		255	
176	RGB Panel Center - Green 11 fine	000-255		255	
177	RGB Panel Center - Blue 11	000-255		255	
178	RGB Panel Center - Blue 11 fine	000-255		255	
179	RGB Panel Center - Red 12	000-255		255	
180	RGB Panel Center - Red 12 fine	000-255		255	
181	RGB Panel Center - Green 12	000-255		255	
182	RGB Panel Center - Green 12 fine	000-255		255	
183	RGB Panel Center - Blue 12	000-255		255	
184	RGB Panel Center - Blue 12 fine	000-255		255	
185	RGB Panel Center - Red 13	000-255		255	
186	RGB Panel Center - Red 13 fine	000-255		255	
187	RGB Panel Center - Green 13	000-255		255	
188	RGB Panel Center - Green 13 fine	000-255		255	
189	RGB Panel Center - Blue 13	000-255		255	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
190	RGB Panel Center - Blue 13 fine	000-255		255	
191	RGB Panel Center - Red 14	000-255		255	
192	RGB Panel Center - Red 14 fine	000-255		255	
193	RGB Panel Center - Green 14	000-255		255	
194	RGB Panel Center - Green 14 fine	000-255		255	
195	RGB Panel Center - Blue 14	000-255		255	
196	RGB Panel Center - Blue 14 fine	000-255		255	
197	RGB Panel Center - Red 15	000-255		255	
198	RGB Panel Center - Red 15 fine	000-255		255	
199	RGB Panel Center - Green 15	000-255		255	
200	RGB Panel Center - Green 15 fine	000-255		255	
201	RGB Panel Center - Blue 15	000-255		255	
202	RGB Panel Center - Blue 15 fine	000-255		255	
203	RGB Panel Center - Red 16	000-255		255	
204	RGB Panel Center - Red 16 fine	000-255		255	
205	RGB Panel Center - Green 16	000-255		255	
206	RGB Panel Center - Green 16 fine	000-255		255	
207	RGB Panel Center - Blue 16	000-255		255	
208	RGB Panel Center - Blue 16 fine	000-255		255	
209	RGB Panel Center - Red 17	000-255		255	
210	RGB Panel Center - Red 17 fine	000-255		255	
211	RGB Panel Center - Green 17	000-255		255	
212	RGB Panel Center - Green 17 fine	000-255		255	
213	RGB Panel Center - Blue 17	000-255		255	
214	RGB Panel Center - Blue 17 fine	000-255		255	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
215	RGB Panel Center - Red 18	000-255		255	
216	RGB Panel Center - Red 18 fine	000-255		255	
217	RGB Panel Center - Green 18	000-255		255	
218	RGB Panel Center - Green 18 fine	000-255		255	
219	RGB Panel Center - Blue 18	000-255		255	
220	RGB Panel Center - Blue 18 fine	000-255		255	
221	RGB Panel Center - Red 19	000-255		255	
222	RGB Panel Center - Red 19 fine	000-255		255	
223	RGB Panel Center - Green 19	000-255		255	
224	RGB Panel Center - Green 19 fine	000-255		255	
225	RGB Panel Center - Blue 19	000-255		255	
226	RGB Panel Center - Blue 19 fine	000-255		255	
227	RGB Panel Center - Red 20	000-255		255	
228	RGB Panel Center - Red 20 fine	000-255		255	
229	RGB Panel Center - Green 20	000-255		255	
230	RGB Panel Center - Green 20 fine	000-255		255	
231	RGB Panel Center - Blue 20	000-255		255	
232	RGB Panel Center - Blue 20 fine	000-255		255	
233	RGB Panel Center - Red 21	000-255		255	
234	RGB Panel Center - Red 21 fine	000-255		255	
235	RGB Panel Center - Green 21	000-255		255	
236	RGB Panel Center - Green 21 fine	000-255		255	
237	RGB Panel Center - Blue 21	000-255		255	
238	RGB Panel Center - Blue 21 fine	000-255		255	
239	RGB Panel Center - Red 22	000-255		255	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
240	RGB Panel Center - Red 22 fine	000-255		255	
241	RGB Panel Center - Green 22	000-255		255	
242	RGB Panel Center - Green 22 fine	000-255		255	
243	RGB Panel Center - Blue 22	000-255		255	
244	RGB Panel Center - Blue 22 fine	000-255		255	
245	RGB Panel Center - Red 23	000-255		255	
246	RGB Panel Center - Red 23 fine	000-255		255	
247	RGB Panel Center - Green 23	000-255		255	
248	RGB Panel Center - Green 23 fine	000-255		255	
249	RGB Panel Center - Blue 23	000-255		255	
250	RGB Panel Center - Blue 23 fine	000-255		255	
251	RGB Panel Center - Red 24	000-255		255	
252	RGB Panel Center - Red 24 fine	000-255		255	
253	RGB Panel Center - Green 24	000-255		255	
254	RGB Panel Center - Green 24 fine	000-255		255	
255	RGB Panel Center - Blue 24	000-255		255	
256	RGB Panel Center - Blue 24 fine	000-255		255	
257	RGB Panel Center - Red 25	000-255		255	
258	RGB Panel Center - Red 25 fine	000-255		255	
259	RGB Panel Center - Green 25	000-255		255	
260	RGB Panel Center - Green 25 fine	000-255		255	
261	RGB Panel Center - Blue 25	000-255		255	
262	RGB Panel Center - Blue 25 fine	000-255		255	
263	RGB Panel Center - Red 26	000-255		255	
264	RGB Panel Center - Red 26 fine	000-255		255	

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfuction)

CH	Function	Value	Setting	Default	Remark
265	RGB Panel Center - Green 26	000-255		255	
266	RGB Panel Center - Green 26 fine	000-255		255	
267	RGB Panel Center - Blue 26	000-255		255	
268	RGB Panel Center - Blue 26 fine	000-255		255	
269		000 - 005	No function	0	
		006-010	Display Backlight On (hold 3s)		
		011-015	Display Backlight Off (hold 3s)		
		016-018	No function		
		019-023	DMX Fail Blackout (hold 3s)		
		024-028	DMX Fail Hold (hold 3s)		
		029-033	DMX Fail - Emergency Light (hold 3s)		
		034-036	No function		
		037-041	Linear Dimmer Curve (hold 1,5s)		
		042-046	Exponential Dimmer Curve (hold 1,5s)		
		047-051	Logarithmic Dimmer Curve (hold 1,5s)		
		052-056	S-Curve Dimmer Curve (hold 1,5s)		
		057-061	No function		
		062-066	LED (Fast) Dimmer Response (hold 1,5s)		
		067-071	Medium Dimmer Response (hold 1,5s)		
		072-076	Halogen(Slow) Dimmer Response (hold 1,5s)		
		077-080	No function		
		081-085	Full Calibration (Colors & CCT / hold 3s)		
		086-090	CCT Calibration (RAW Colors / hold 3s)		
		091-093	No function		
		094-098	LED Frequency 800Hz (hold 3s)		
		099-103	LED Frequency 1200Hz (hold 3s)		
		104-108	LED Frequency 2000Hz (hold 3s)		
		109-113	LED Frequency 3600Hz (hold 3s)		
	114-118	LED Frequency 12kHz (hold 3s)			
	119-123	LED Frequency 25kHz (hold 3s)			
	124-126	No function			
	127-131	Fan Auto (hold 3s)			

269CH PURE EXTEND MODE (Single Pixel 8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
269	Device Settings (please see remark *1)	132-136	Fan Silent (hold 3s)	0	
		137-141	Fan Off (hold 3s)		
		142-146	Fan High Power (hold 3s)		
		147-149	No function		
		150-154	Invert RGB Panel Off (hold 1,5s)		
		155-159	Invert RGB Panel On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)		
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)		
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Swap Single Tubes Off (hold 1,5s)		
		185-189	Swap Single Tubes On (hold 1,5s)		
		190-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)		
		230-234	LED Mode - Boost (hold 1,5s)		
		235-237	No function		
	238-242	Factory Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250	
	243-247	User Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250	
	248-255	No function			
	remark *1	After adjustments please set the value back to 000 to avoid any disturbance by endless function call.			

166CH FULL ACCESSS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Single Tube 1 - Pixel 1 - Intensity	000-255		0	
3	Single Tube 1 - Pixel 2 - Intensity	000-255		0	
4	Single Tube 1 - Pixel 3 - Intensity	000-255		0	
5	Single Tube 1 - Pixel 4 - Intensity	000-255		0	
6	Single Tube 1 - Pixel 5 - Intensity	000-255		0	
7	Single Tube 1 - Pixel 6 - Intensity	000-255		0	

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
8	Single Tube 1 - Pixel 7 - Intensity	000-255		0	
9	Single Tube 1 - Pixel 8 - Intensity	000-255		0	
10	Single Tube 1 - Pixel 9 - Intensity	000-255		0	
11	Single Tube 1 - Pixel 10 - Intensity	000-255		0	
12	Single Tube 1 - Pixel 11 - Intensity	000-255		0	
13	Single Tube 1 - Pixel 12 - Intensity	000-255		0	
14	Single Tube 1 - Pixel 13 - Intensity	000-255		0	
15	Single Tube 1 - Pixel 14 - Intensity	000-255		0	
16	Single Tube 1 - Pixel 15 - Intensity	000-255		0	
17	Single Tube 1 - Pixel 16 - Intensity	000-255		0	
18	Single Tube 1 - Pixel 17 - Intensity	000-255		0	
19	Single Tube 1 - Pixel 18 - Intensity	000-255		0	
20	Single Tube 1 - Pixel 19 - Intensity	000-255		0	
21	Single Tube 1 - Pixel 20 - Intensity	000-255		0	
22	Single Tube 1 - Pixel 21 - Intensity	000-255		0	
23	Single Tube 1 - Pixel 22 - Intensity	000-255		0	
24	Single Tube 1 - Pixel 23 - Intensity	000-255		0	
25	Single Tube 1 - Pixel 24 - Intensity	000-255		0	
26	Single Tube 1 - Pixel 25 - Intensity	000-255		0	
27	Single Tube 1 - Pixel 26 - Intensity	000-255		0	
28	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)		

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
28	Single Tube 1 - Shutter	105 - 109	Shutter open	22	
		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		
29	Single Tube 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
30	Single Tube 1 - Pattern Dimmer	000-255		0	
31	Single Tube 1 - Pattern selection	000-255		3	according to Tube Pattern Chart
32	Single Tube 1 - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
33	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		
34	Single Tube 1 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
35	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		
36	Single Tube 2 - Pixel 1 - Intensity	000-255		0	
37	Single Tube 2 - Pixel 2 - Intensity	000-255		0	

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
38	Single Tube 2 - Pixel 3 - Intensity	000-255		0	
39	Single Tube 2 - Pixel 4 - Intensity	000-255		0	
40	Single Tube 2 - Pixel 5 - Intensity	000-255		0	
41	Single Tube 2 - Pixel 6 - Intensity	000-255		0	
42	Single Tube 2 - Pixel 7 - Intensity	000-255		0	
43	Single Tube 2 - Pixel 8 - Intensity	000-255		0	
44	Single Tube 2 - Pixel 9 - Intensity	000-255		0	
45	Single Tube 2 - Pixel 10 - Intensity	000-255		0	
46	Single Tube 2 - Pixel 11 - Intensity	000-255		0	
47	Single Tube 2 - Pixel 12 - Intensity	000-255		0	
48	Single Tube 2 - Pixel 13 - Intensity	000-255		0	
49	Single Tube 2 - Pixel 14 - Intensity	000-255		0	
50	Single Tube 2 - Pixel 15 - Intensity	000-255		0	
51	Single Tube 2 - Pixel 16 - Intensity	000-255		0	
52	Single Tube 2 - Pixel 17 - Intensity	000-255		0	
53	Single Tube 2 - Pixel 18 - Intensity	000-255		0	
54	Single Tube 2 - Pixel 19 - Intensity	000-255		0	
55	Single Tube 2 - Pixel 20 - Intensity	000-255		0	
56	Single Tube 2 - Pixel 21 - Intensity	000-255		0	
57	Single Tube 2 - Pixel 22 - Intensity	000-255		0	
58	Single Tube 2 - Pixel 23 - Intensity	000-255		0	
59	Single Tube 2 - Pixel 24 - Intensity	000-255		0	
60	Single Tube 2 - Pixel 25 - Intensity	000-255		0	
61	Single Tube 2 - Pixel 26 - Intensity	000-255		0	

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
62	Single Tube 2 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				
63	Single Tube 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
64	Single Tube 2 - Pattern Dimmer	000-255		0	
65	Single Tube 2 - Pattern selection	000-255		3	according to Tube Pattern Chart
66	Single Tube 2 - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
67	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		
68	Single Tube 2 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
69	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		
70	Single Tube Group (1-2) - Pattern Dimmer	000-255		0	
71	Single Tube Group (1-2) - Pattern selection	000-255		3	according to Tube Group Pattern Chart
72	Single Tube Group (1-2) - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
73	Single Tube 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		
74	Single Tube Group (1-2) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
75	Single Tube 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		
76	RGB Panel Center - 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		

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
76	RGB Panel Center - 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		
77	RGB Panel Center - Duration	000-255		0	only affects to Strobe 1 (025-064)
78	RGB Panel Center - Pattern Dimmer	000-255		0	
79	RGB Panel Center - Pattern selection	000-255		3	according to RGB Panel Pattern Chart
80	RGB Panel Center - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
81	RGB Panel Center - 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		
82	RGB Panel Center - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
83	RGB Panel Center - 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		
84	RGB Panel Center - Pattern Red	000-255		255	
85	RGB Panel Center - Pattern Green	000-255		255	
86	RGB Panel Center - Pattern Blue	000-255		255	
87	RGB Panel Center - 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		

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
87	RGB Panel Center - CTC	226-226	6500K	2	according to CTC chart
		227-255	6621K-10.000K linear in 120-121K steps (please see detailed CTC chart)		
88	RGB Panel Center - Red 1	000-255		255	
89	RGB Panel Center - Green 1	000-255		255	
90	RGB Panel Center - Blue 1	000-255		255	
91	RGB Panel Center - Red 2	000-255		255	
92	RGB Panel Center - Green 2	000-255		255	
93	RGB Panel Center - Blue 2	000-255		255	
94	RGB Panel Center - Red 3	000-255		255	
95	RGB Panel Center - Green 3	000-255		255	
96	RGB Panel Center - Blue 3	000-255		255	
97	RGB Panel Center - Red 4	000-255		255	
98	RGB Panel Center - Green 4	000-255		255	
99	RGB Panel Center - Blue 4	000-255		255	
100	RGB Panel Center - Red 5	000-255		255	
101	RGB Panel Center - Green 5	000-255		255	
102	RGB Panel Center - Blue 5	000-255		255	
103	RGB Panel Center - Red 6	000-255		255	
104	RGB Panel Center - Green 6	000-255		255	
105	RGB Panel Center - Blue 6	000-255		255	
106	RGB Panel Center - Red 7	000-255		255	
107	RGB Panel Center - Green 7	000-255		255	
108	RGB Panel Center - Blue 7	000-255		255	
109	RGB Panel Center - Red 8	000-255		255	
110	RGB Panel Center - Green 8	000-255		255	

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
111	RGB Panel Center - Blue 8	000-255		255	
112	RGB Panel Center - Red 9	000-255		255	
113	RGB Panel Center - Green 9	000-255		255	
114	RGB Panel Center - Blue 9	000-255		255	
115	RGB Panel Center - Red 10	000-255		255	
116	RGB Panel Center - Green 10	000-255		255	
117	RGB Panel Center - Blue 10	000-255		255	
118	RGB Panel Center - Red 11	000-255		255	
119	RGB Panel Center - Green 11	000-255		255	
120	RGB Panel Center - Blue 11	000-255		255	
121	RGB Panel Center - Red 12	000-255		255	
122	RGB Panel Center - Green 12	000-255		255	
123	RGB Panel Center - Blue 12	000-255		255	
124	RGB Panel Center - Red 13	000-255		255	
125	RGB Panel Center - Green 13	000-255		255	
126	RGB Panel Center - Blue 13	000-255		255	
127	RGB Panel Center - Red 14	000-255		255	
128	RGB Panel Center - Green 14	000-255		255	
129	RGB Panel Center - Blue 14	000-255		255	
130	RGB Panel Center - Red 15	000-255		255	
131	RGB Panel Center - Green 15	000-255		255	
132	RGB Panel Center - Blue 15	000-255		255	
133	RGB Panel Center - Red 16	000-255		255	
134	RGB Panel Center - Green 16	000-255		255	
135	RGB Panel Center - Blue 16	000-255		255	

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
136	RGB Panel Center - Red 17	000-255		255	
137	RGB Panel Center - Green 17	000-255		255	
138	RGB Panel Center - Blue 17	000-255		255	
139	RGB Panel Center - Red 18	000-255		255	
140	RGB Panel Center - Green 18	000-255		255	
141	RGB Panel Center - Blue 18	000-255		255	
142	RGB Panel Center - Red 19	000-255		255	
143	RGB Panel Center - Green 19	000-255		255	
144	RGB Panel Center - Blue 19	000-255		255	
145	RGB Panel Center - Red 20	000-255		255	
146	RGB Panel Center - Green 20	000-255		255	
147	RGB Panel Center - Blue 20	000-255		255	
148	RGB Panel Center - Red 21	000-255		255	
149	RGB Panel Center - Green 21	000-255		255	
150	RGB Panel Center - Blue 21	000-255		255	
151	RGB Panel Center - Red 22	000-255		255	
152	RGB Panel Center - Green 22	000-255		255	
153	RGB Panel Center - Blue 22	000-255		255	
154	RGB Panel Center - Red 23	000-255		255	
155	RGB Panel Center - Green 23	000-255		255	
156	RGB Panel Center - Blue 23	000-255		255	
157	RGB Panel Center - Red 24	000-255		255	
158	RGB Panel Center - Green 24	000-255		255	
159	RGB Panel Center - Blue 24	000-255		255	
160	RGB Panel Center - Red 25	000-255		255	

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
161	RGB Panel Center - Green 25	000-255		255	
162	RGB Panel Center - Blue 25	000-255		255	
163	RGB Panel Center - Red 26	000-255		255	
164	RGB Panel Center - Green 26	000-255		255	
165	RGB Panel Center - Blue 26	000-255		255	
166	Device Settings (please see remark *1)	000 - 005	No function	0	
		006-010	Display Backlight On (hold 3s)		
		011-015	Display Backlight Off (hold 3s)		
		016-018	No function		
		019-023	DMX Fail Blackout (hold 3s)		
		024-028	DMX Fail Hold (hold 3s)		
		029-033	DMX Fail - Emergency Light (hold 3s)		
		034-036	No function		
		037-041	Linear Dimmer Curve (hold 1,5s)		
		042-046	Exponential Dimmer Curve (hold 1,5s)		
		047-051	Logarithmic Dimmer Curve (hold 1,5s)		
		052-056	S-Curve Dimmer Curve (hold 1,5s)		
		057-061	No function		
		062-066	LED (Fast) Dimmer Response (hold 1,5s)		
		067-071	Medium Dimmer Response (hold 1,5s)		
		072-076	Halogen(Slow) Dimmer Response (hold 1,5s)		
		077-080	No function		
		081-085	Full Calibration (Colors & CCT / hold 3s)		
		086-090	CCT Calibration (RAW Colors / hold 3s)		
		091-093	No function		
		094-098	LED Frequency 800Hz (hold 3s)		
		099-103	LED Frequency 1200Hz (hold 3s)		
		104-108	LED Frequency 2000Hz (hold 3s)		
		109-113	LED Frequency 3600Hz (hold 3s)		
114-118	LED Frequency 12kHz (hold 3s)				
119-123	LED Frequency 25kHz (hold 3s)				
124-126	No function				
127-131	Fan Auto (hold 3s)				

166CH FULL ACCESS MODE (Single Pixel 8 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
166	Device Settings (please see remark *1)	132-136	Fan Silent (hold 3s)	0	
		137-141	Fan Off (hold 3s)		
		142-146	Fan High Power (hold 3s)		
		147-149	No function		
		150-154	Invert RGB Panel Off (hold 1,5s)		
		155-159	Invert RGB Panel On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)		
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)		
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Swap Single Tubes Off (hold 1,5s)		
		185-189	Swap Single Tubes On (hold 1,5s)		
		190-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)		
		230-234	LED Mode - Boost (hold 1,5s)		
		235-237	No function		
			238-242		
	243-247	User Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250	
	248-255	No function			
	remark *1	After adjustments please set the value back to 000 to avoid any disturbance by endless function call.			

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer	000-255		0	
2	Master Dimmer fine	000-255		0	
3	Single Tube 1 - Pixel 1 - Intensity	000-255		0	
4	Single Tube 1 - Pixel 1 - Intensity fine	000-255		0	
5	Single Tube 1 - Pixel 2 - Intensity	000-255		0	
6	Single Tube 1 - Pixel 2 - Intensity fine	000-255		0	
7	Single Tube 1 - Pixel 3 - Intensity	000-255		0	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
8	Single Tube 1 - Pixel 3 - Intensity fine	000-255		0	
9	Single Tube 1 - Pixel 4 - Intensity	000-255		0	
10	Single Tube 1 - Pixel 4 - Intensity fine	000-255		0	
11	Single Tube 1 - Pixel 5 - Intensity	000-255		0	
12	Single Tube 1 - Pixel 5 - Intensity fine	000-255		0	
13	Single Tube 1 - Pixel 6 - Intensity	000-255		0	
14	Single Tube 1 - Pixel 6 - Intensity fine	000-255		0	
15	Single Tube 1 - Pixel 7 - Intensity	000-255		0	
16	Single Tube 1 - Pixel 7 - Intensity fine	000-255		0	
17	Single Tube 1 - Pixel 8 - Intensity	000-255		0	
18	Single Tube 1 - Pixel 8 - Intensity fine	000-255		0	
19	Single Tube 1 - Pixel 9 - Intensity	000-255		0	
20	Single Tube 1 - Pixel 9 - Intensity fine	000-255		0	1
21	Single Tube 1 - Pixel 10 - Intensity	000-255		0	
22	Single Tube 1 - Pixel 10 - Intensity fine	000-255		0	
23	Single Tube 1 - Pixel 11 - Intensity	000-255		0	
24	Single Tube 1 - Pixel 11 - Intensity fine	000-255		0	
25	Single Tube 1 - Pixel 12 - Intensity	000-255		0	
26	Single Tube 1 - Pixel 12 - Intensity fine	000-255		0	
27	Single Tube 1 - Pixel 13 - Intensity	000-255		0	
28	Single Tube 1 - Pixel 13 - Intensity fine	000-255		0	
29	Single Tube 1 - Pixel 14 - Intensity	000-255		0	
30	Single Tube 1 - Pixel 14 - Intensity fine	000-255		0	
31	Single Tube 1 - Pixel 15 - Intensity	000-255		0	
32	Single Tube 1 - Pixel 15 - Intensity fine	000-255		0	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
33	Single Tube 1 - Pixel 16 - Intensity	000-255		0	
34	Single Tube 1 - Pixel 16 - Intensity fine	000-255		0	
35	Single Tube 1 - Pixel 17 - Intensity	000-255		0	
36	Single Tube 1 - Pixel 17 - Intensity fine	000-255		0	
37	Single Tube 1 - Pixel 18 - Intensity	000-255		0	
38	Single Tube 1 - Pixel 18 - Intensity fine	000-255		0	
39	Single Tube 1 - Pixel 19 - Intensity	000-255		0	
40	Single Tube 1 - Pixel 19 - Intensity fine	000-255		0	
41	Single Tube 1 - Pixel 20 - Intensity	000-255		0	
42	Single Tube 1 - Pixel 20 - Intensity fine	000-255		0	
43	Single Tube 1 - Pixel 21 - Intensity	000-255		0	
44	Single Tube 1 - Pixel 21 - Intensity fine	000-255		0	
45	Single Tube 1 - Pixel 22 - Intensity	000-255		0	
46	Single Tube 1 - Pixel 22 - Intensity fine	000-255		0	
47	Single Tube 1 - Pixel 23 - Intensity	000-255		0	
48	Single Tube 1 - Pixel 23 - Intensity fine	000-255		0	
49	Single Tube 1 - Pixel 24 - Intensity	000-255		0	
50	Single Tube 1 - Pixel 24 - Intensity fine	000-255		0	
51	Single Tube 1 - Pixel 25 - Intensity	000-255		0	
52	Single Tube 1 - Pixel 25 - Intensity fine	000-255		0	
53	Single Tube 1 - Pixel 26 - Intensity	000-255		0	
54	Single Tube 1 - Pixel 26 - Intensity fine	000-255		0	
55	Single Tube 1 - Shutter	000 - 019	Shutter close	22	
		020 - 024	Shutter open		
		025 - 064	Strobe 1 (fast ⊕ slow)		
		065 - 069	Shutter open		

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
55	Single Tube 1 - 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				
56	Single Tube 1 - Duration	000-255		0	only affects to Strobe 1 (025-064)
57	Single Tube 1 - Pattern Dimmer	000-255		0	
58	Single Tube 1 - Pattern selection	000-255		3	according to Tube Pattern Chart
59	Single Tube 1 - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
60	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				
61	Single Tube 1 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
62	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		

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
63	Single Tube 2 - Pixel 1 - Intensity	000-255		0	
64	Single Tube 2 - Pixel 1 - Intensity fine	000-255		0	
65	Single Tube 2 - Pixel 2 - Intensity	000-255		0	
66	Single Tube 2 - Pixel 2 - Intensity fine	000-255		0	
67	Single Tube 2 - Pixel 3 - Intensity	000-255		0	
68	Single Tube 2 - Pixel 3 - Intensity fine	000-255		0	
69	Single Tube 2 - Pixel 4 - Intensity	000-255		0	
70	Single Tube 2 - Pixel 4 - Intensity fine	000-255		0	
71	Single Tube 2 - Pixel 5 - Intensity	000-255		0	
72	Single Tube 2 - Pixel 5 - Intensity fine	000-255		0	
73	Single Tube 2 - Pixel 6 - Intensity	000-255		0	
74	Single Tube 2 - Pixel 6 - Intensity fine	000-255		0	
75	Single Tube 2 - Pixel 7 - Intensity	000-255		0	
76	Single Tube 2 - Pixel 7 - Intensity fine	000-255		0	
77	Single Tube 2 - Pixel 8 - Intensity	000-255		0	
78	Single Tube 2 - Pixel 8 - Intensity fine	000-255		0	
79	Single Tube 2 - Pixel 9 - Intensity	000-255		0	
80	Single Tube 2 - Pixel 9 - Intensity fine	000-255		0	
81	Single Tube 2 - Pixel 10 - Intensity	000-255		0	
82	Single Tube 2 - Pixel 10 - Intensity fine	000-255		0	
83	Single Tube 2 - Pixel 11 - Intensity	000-255		0	
84	Single Tube 2 - Pixel 11 - Intensity fine	000-255		0	
85	Single Tube 2 - Pixel 12 - Intensity	000-255		0	
86	Single Tube 2 - Pixel 12 - Intensity fine	000-255		0	
87	Single Tube 2 - Pixel 13 - Intensity	000-255		0	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
88	Single Tube 2 - Pixel 13 - Intensity fine	000-255		0	
89	Single Tube 2 - Pixel 14 - Intensity	000-255		0	
90	Single Tube 2 - Pixel 14 - Intensity fine	000-255		0	
91	Single Tube 2 - Pixel 15 - Intensity	000-255		0	
92	Single Tube 2 - Pixel 15 - Intensity fine	000-255		0	
93	Single Tube 2 - Pixel 16 - Intensity	000-255		0	
94	Single Tube 2 - Pixel 16 - Intensity fine	000-255		0	
95	Single Tube 2 - Pixel 17 - Intensity	000-255		0	
96	Single Tube 2 - Pixel 17 - Intensity fine	000-255		0	
97	Single Tube 2 - Pixel 18 - Intensity	000-255		0	
98	Single Tube 2 - Pixel 18 - Intensity fine	000-255		0	
99	Single Tube 2 - Pixel 19 - Intensity	000-255		0	
100	Single Tube 2 - Pixel 19 - Intensity fine	000-255		0	
101	Single Tube 2 - Pixel 20 - Intensity	000-255		0	
102	Single Tube 2 - Pixel 20 - Intensity fine	000-255		0	
103	Single Tube 2 - Pixel 21 - Intensity	000-255		0	
104	Single Tube 2 - Pixel 21 - Intensity fine	000-255		0	
105	Single Tube 2 - Pixel 22 - Intensity	000-255		0	
106	Single Tube 2 - Pixel 22 - Intensity fine	000-255		0	
107	Single Tube 2 - Pixel 23 - Intensity	000-255		0	
108	Single Tube 2 - Pixel 23 - Intensity fine	000-255		0	
109	Single Tube 2 - Pixel 24 - Intensity	000-255		0	
110	Single Tube 2 - Pixel 24 - Intensity fine	000-255		0	
111	Single Tube 2 - Pixel 25 - Intensity	000-255		0	
112	Single Tube 2 - Pixel 25 - Intensity fine	000-255		0	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
113	Single Tube 2 - Pixel 26 - Intensity	000-255		0	
114	Single Tube 2 - Pixel 26 - Intensity fine	000-255		0	
115	Single Tube 2 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				
116	Single Tube 2 - Duration	000-255		0	only affects to Strobe 1 (025-064)
117	Single Tube 2 - Pattern Dimmer	000-255		0	
118	Single Tube 2 - Pattern selection	000-255		3	according to Tube Pattern Chart
119	Single Tube 2 - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
120	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		

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
121	Single Tube 2 - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
122	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		
123	Single Tube Group (1-2) - Pattern Dimmer	000-255		0	
124	Single Tube Group (1-2) - Pattern selection	000-255		3	according to Tube Group Pattern Chart
125	Single Tube Group (1-2) - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
126	Single Tube 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		
127	Single Tube Group (1-2) - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
128	Single Tube 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		
129	RGB Panel Center - 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		

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
129	RGB Panel Center - Shutter	130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)	22	
		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		
130	RGB Panel Center - Duration	000-255		0	only affects to Strobe 1 (025-064)
131	RGB Panel Center - Pattern Dimmer	000-255		0	
132	RGB Panel Center - Pattern selection	000-255		3	according to RGB Panel Pattern Chart
133	RGB Panel Center - Pattern selection X-fade	000 - 005	no function	0	
		006-255	1s - 250s (1s steps)		
134	RGB Panel Center - 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		
135	RGB Panel Center - Pattern X-fade	000-005	Snap from cell to cell	3	
		006-255	Fade Duration short to long		
136	RGB Panel Center - 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		
137	RGB Panel Center - Pattern Red	000-255		255	
138	RGB Panel Center - Pattern Green	000-255		255	
139	RGB Panel Center - Pattern Blue	000-255		255	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
140	RGB Panel Center - 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)		
141	RGB Panel Center - Red 1	000-255		255	
142	RGB Panel Center - Red 1 fine	000-255		255	
143	RGB Panel Center - Green 1	000-255		255	
144	RGB Panel Center - Green 1 fine	000-255		255	
145	RGB Panel Center - Blue 1	000-255		255	
146	RGB Panel Center - Blue 1 fine	000-255		255	
147	RGB Panel Center - Red 2	000-255		255	
148	RGB Panel Center - Red 2 fine	000-255		255	
149	RGB Panel Center - Green 2	000-255		255	
150	RGB Panel Center - Green 2 fine	000-255		255	
151	RGB Panel Center - Blue 2	000-255		255	
152	RGB Panel Center - Blue 2 fine	000-255		255	
153	RGB Panel Center - Red 3	000-255		255	
154	RGB Panel Center - Red 3 fine	000-255		255	
155	RGB Panel Center - Green 3	000-255		255	
156	RGB Panel Center - Green 3 fine	000-255		255	
157	RGB Panel Center - Blue 3	000-255		255	
158	RGB Panel Center - Blue 3 fine	000-255		255	
159	RGB Panel Center - Red 4	000-255		255	
160	RGB Panel Center - Red 4 fine	000-255		255	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
161	RGB Panel Center - Green 4	000-255		255	
162	RGB Panel Center - Green 4 fine	000-255		255	
163	RGB Panel Center - Blue 4	000-255		255	
164	RGB Panel Center - Blue 4 fine	000-255		255	
165	RGB Panel Center - Red 5	000-255		255	
166	RGB Panel Center - Red 5 fine	000-255		255	
167	RGB Panel Center - Green 5	000-255		255	
168	RGB Panel Center - Green 5 fine	000-255		255	
169	RGB Panel Center - Blue 5	000-255		255	
170	RGB Panel Center - Blue 5 fine	000-255		255	
171	RGB Panel Center - Red 6	000-255		255	
172	RGB Panel Center - Red 6 fine	000-255		255	
173	RGB Panel Center - Green 6	000-255		255	
174	RGB Panel Center - Green 6 fine	000-255		255	
175	RGB Panel Center - Blue 6	000-255		255	
176	RGB Panel Center - Blue 6 fine	000-255		255	
177	RGB Panel Center - Red 7	000-255		255	
178	RGB Panel Center - Red 7 fine	000-255		255	
179	RGB Panel Center - Green 7	000-255		255	
180	RGB Panel Center - Green 7 fine	000-255		255	
181	RGB Panel Center - Blue 7	000-255		255	
182	RGB Panel Center - Blue 7 fine	000-255		255	
183	RGB Panel Center - Red 8	000-255		255	
184	RGB Panel Center - Red 8 fine	000-255		255	
185	RGB Panel Center - Green 8	000-255		255	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
186	RGB Panel Center - Green 8 fine	000-255		255	
187	RGB Panel Center - Blue 8	000-255		255	
188	RGB Panel Center - Blue 8 fine	000-255		255	
189	RGB Panel Center - Red 9	000-255		255	
190	RGB Panel Center - Red 9 fine	000-255		255	
191	RGB Panel Center - Green 9	000-255		255	
192	RGB Panel Center - Green 9 fine	000-255		255	
193	RGB Panel Center - Blue 9	000-255		255	
194	RGB Panel Center - Blue 9 fine	000-255		255	
195	RGB Panel Center - Red 10	000-255		255	
196	RGB Panel Center - Red 10 fine	000-255		255	
197	RGB Panel Center - Green 10	000-255		255	
198	RGB Panel Center - Green 10 fine	000-255		255	
199	RGB Panel Center - Blue 10	000-255		255	
200	RGB Panel Center - Blue 10 fine	000-255		255	
201	RGB Panel Center - Red 11	000-255		255	
202	RGB Panel Center - Red 11 fine	000-255		255	
203	RGB Panel Center - Green 11	000-255		255	
204	RGB Panel Center - Green 11 fine	000-255		255	
205	RGB Panel Center - Blue 11	000-255		255	
206	RGB Panel Center - Blue 11 fine	000-255		255	
207	RGB Panel Center - Red 12	000-255		255	
208	RGB Panel Center - Red 12 fine	000-255		255	
209	RGB Panel Center - Green 12	000-255		255	
210	RGB Panel Center - Green 12 fine	000-255		255	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
211	RGB Panel Center - Blue 12	000-255		255	
212	RGB Panel Center - Blue 12 fine	000-255		255	
213	RGB Panel Center - Red 13	000-255		255	
214	RGB Panel Center - Red 13 fine	000-255		255	
215	RGB Panel Center - Green 13	000-255		255	
216	RGB Panel Center - Green 13 fine	000-255		255	
217	RGB Panel Center - Blue 13	000-255		255	
218	RGB Panel Center - Blue 13 fine	000-255		255	
219	RGB Panel Center - Red 14	000-255		255	
220	RGB Panel Center - Red 14 fine	000-255		255	
221	RGB Panel Center - Green 14	000-255		255	
222	RGB Panel Center - Green 14 fine	000-255		255	
223	RGB Panel Center - Blue 14	000-255		255	
224	RGB Panel Center - Blue 14 fine	000-255		255	
225	RGB Panel Center - Red 15	000-255		255	
226	RGB Panel Center - Red 15 fine	000-255		255	
227	RGB Panel Center - Green 15	000-255		255	
228	RGB Panel Center - Green 15 fine	000-255		255	
229	RGB Panel Center - Blue 15	000-255		255	
230	RGB Panel Center - Blue 15 fine	000-255		255	
231	RGB Panel Center - Red 16	000-255		255	
232	RGB Panel Center - Red 16 fine	000-255		255	
233	RGB Panel Center - Green 16	000-255		255	
234	RGB Panel Center - Green 16 fine	000-255		255	
235	RGB Panel Center - Blue 16	000-255		255	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
236	RGB Panel Center - Blue 16 fine	000-255		255	
237	RGB Panel Center - Red 17	000-255		255	
238	RGB Panel Center - Red 17 fine	000-255		255	
239	RGB Panel Center - Green 17	000-255		255	
240	RGB Panel Center - Green 17 fine	000-255		255	
241	RGB Panel Center - Blue 17	000-255		255	
242	RGB Panel Center - Blue 17 fine	000-255		255	
243	RGB Panel Center - Red 18	000-255		255	
244	RGB Panel Center - Red 18 fine	000-255		255	
245	RGB Panel Center - Green 18	000-255		255	
246	RGB Panel Center - Green 18 fine	000-255		255	
247	RGB Panel Center - Blue 18	000-255		255	
248	RGB Panel Center - Blue 18 fine	000-255		255	
249	RGB Panel Center - Red 19	000-255		255	
250	RGB Panel Center - Red 19 fine	000-255		255	
251	RGB Panel Center - Green 19	000-255		255	
252	RGB Panel Center - Green 19 fine	000-255		255	
253	RGB Panel Center - Blue 19	000-255		255	
254	RGB Panel Center - Blue 19 fine	000-255		255	
255	RGB Panel Center - Red 20	000-255		255	
256	RGB Panel Center - Red 20 fine	000-255		255	
257	RGB Panel Center - Green 20	000-255		255	
258	RGB Panel Center - Green 20 fine	000-255		255	
259	RGB Panel Center - Blue 20	000-255		255	
260	RGB Panel Center - Blue 20 fine	000-255		255	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
261	RGB Panel Center - Red 21	000-255		255	
262	RGB Panel Center - Red 21 fine	000-255		255	
263	RGB Panel Center - Green 21	000-255		255	
264	RGB Panel Center - Green 21 fine	000-255		255	
265	RGB Panel Center - Blue 21	000-255		255	
266	RGB Panel Center - Blue 21 fine	000-255		255	
267	RGB Panel Center - Red 22	000-255		255	
268	RGB Panel Center - Red 22 fine	000-255		255	
269	RGB Panel Center - Green 22	000-255		255	
270	RGB Panel Center - Green 22 fine	000-255		255	
271	RGB Panel Center - Blue 22	000-255		255	
272	RGB Panel Center - Blue 22 fine	000-255		255	
273	RGB Panel Center - Red 23	000-255		255	
274	RGB Panel Center - Red 23 fine	000-255		255	
275	RGB Panel Center - Green 23	000-255		255	
276	RGB Panel Center - Green 23 fine	000-255		255	
277	RGB Panel Center - Blue 23	000-255		255	
278	RGB Panel Center - Blue 23 fine	000-255		255	
279	RGB Panel Center - Red 24	000-255		255	
280	RGB Panel Center - Red 24 fine	000-255		255	
281	RGB Panel Center - Green 24	000-255		255	
282	RGB Panel Center - Green 24 fine	000-255		255	
283	RGB Panel Center - Blue 24	000-255		255	
284	RGB Panel Center - Blue 24 fine	000-255		255	
285	RGB Panel Center - Red 25	000-255		255	

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
286	RGB Panel Center - Red 25 fine	000-255		255	
287	RGB Panel Center - Green 25	000-255		255	
288	RGB Panel Center - Green 25 fine	000-255		255	
289	RGB Panel Center - Blue 25	000-255		255	
290	RGB Panel Center - Blue 25 fine	000-255		255	
291	RGB Panel Center - Red 26	000-255		255	
292	RGB Panel Center - Red 26 fine	000-255		255	
293	RGB Panel Center - Green 26	000-255		255	
294	RGB Panel Center - Green 26 fine	000-255		255	
295	RGB Panel Center - Blue 26	000-255		255	
296	RGB Panel Center - Blue 26 fine	000-255		255	
297	Device Settings (please see remark *1)	000 - 005	No function	0	
		006-010	Display Backlight On (hold 3s)		
		011-015	Display Backlight Off (hold 3s)		
		016-018	No function		
		019-023	DMX Fail Blackout (hold 3s)		
		024-028	DMX Fail Hold (hold 3s)		
		029-033	DMX Fail - Emergency Light (hold 3s)		
		034-036	No function		
		037-041	Linear Dimmer Curve (hold 1,5s)		
		042-046	Exponential Dimmer Curve (hold 1,5s)		
		047-051	Logarithmic Dimmer Curve (hold 1,5s)		
		052-056	S-Curve Dimmer Curve (hold 1,5s)		
		057-061	No function		
		062-066	LED (Fast) Dimmer Response (hold 1,5s)		
		067-071	Medium Dimmer Response (hold 1,5s)		
072-076	Halogen(Slow) Dimmer Response (hold 1,5s)				
077-080	No function				
081-085	Full Calibration (Colors & CCT / hold 3s)				

297CH FULL ACCESS EXTEND MODE (Single Pixel 16 bit with Pattern)

CH	Function	Value	Setting	Default	Remark
297	Device Settings (please see remark *1)	086-090	CCT Calibration (RAW Colors / hold 3s)	0	
		091-093	No function		
		094-098	LED Frequency 800Hz (hold 3s)		
		099-103	LED Frequency 1200Hz (hold 3s)		
		104-108	LED Frequency 2000Hz (hold 3s)		
		109-113	LED Frequency 3600Hz (hold 3s)		
		114-118	LED Frequency 12kHz (hold 3s)		
		119-123	LED Frequency 25kHz (hold 3s)		
		124-126	No function		
		127-131	Fan Auto (hold 3s)		
		132-136	Fan Silent (hold 3s)		
		137-141	Fan Off (hold 3s)		
		142-146	Fan High Power (hold 3s)		
		147-149	No function		
		150-154	Invert RGB Panel Off (hold 1,5s)		
		155-159	Invert RGB Panel On (hold 1,5s)		
		160-164	Invert Single Tube 1 Off (hold 1,5s)		
		165-169	Invert Single Tube 1 On (hold 1,5s)		
		170-174	Invert Single Tube 2 Off (hold 1,5s)		
		175-179	Invert Single Tube 2 On (hold 1,5s)		
		180-184	Swap Single Tubes Off (hold 1,5s)		
		185-189	Swap Single Tubes On (hold 1,5s)		
		190-224	No function		
		225-229	LED Mode - Illumination (hold 1,5s)		
230-234	LED Mode - Boost (hold 1,5s)				
235-237	No function				
238-242	Factory Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250		
243-247	User Reset (hold 3s)		No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250		
248-255	No function				
	remark *1	After adjustments please set the value back to 000 to avoid any disturbance by endless function call.			

100CH S2 PURE MODE (8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
1	Master Dimmer Section 1-12	000-255		0	
2	Single Tube 1 - Pixel 1 - Intensity	000-255		0	
3	Single Tube 1 - Pixel 2 - Intensity	000-255		0	
4	Single Tube 1 - Pixel 3 - Intensity	000-255		0	
5	Single Tube 1 - Pixel 4 - Intensity	000-255		0	
6	Single Tube 1 - Pixel 5 - Intensity	000-255		0	
7	Single Tube 1 - Pixel 6 - Intensity	000-255		0	
8	Single Tube 1 - Pixel 7 - Intensity	000-255		0	
9	Single Tube 1 - Pixel 8 - Intensity	000-255		0	
10	Single Tube 1 - Pixel 9 - Intensity	000-255		0	
11	Single Tube 1 - Pixel 10 - Intensity	000-255		0	
12	Single Tube 1 - Pixel 11 - Intensity	000-255		0	
13	Single Tube 1 - Pixel 12 - Intensity	000-255		0	
14	Single Tube 1 only Pixel 1-12 - 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				

100CH S2 PURE MODE (8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
14	Single Tube 1 only Pixel 1-12 - 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		
15	Single Tube 1 only Pixel 1-12 - Duration	000-255		0	only affects to Strobe 1 (025-064)
16	Single Tube 2 - Pixel 1 - Intensity	000-255		0	
17	Single Tube 2 - Pixel 2 - Intensity	000-255		0	
18	Single Tube 2 - Pixel 3 - Intensity	000-255		0	
19	Single Tube 2 - Pixel 4 - Intensity	000-255		0	
20	Single Tube 2 - Pixel 5 - Intensity	000-255		0	
21	Single Tube 2 - Pixel 6 - Intensity	000-255		0	
22	Single Tube 2 - Pixel 7 - Intensity	000-255		0	
23	Single Tube 2 - Pixel 8 - Intensity	000-255		0	
24	Single Tube 2 - Pixel 9 - Intensity	000-255		0	
25	Single Tube 2 - Pixel 10 - Intensity	000-255		0	
26	Single Tube 2 - Pixel 11 - Intensity	000-255		0	
27	Single Tube 2 - Pixel 12 - Intensity	000-255		0	
28	Single Tube 2 only Pixel 1 -12 - 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		

100CH S2 PURE MODE (8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
28	Single Tube 2 only Pixel 1 -12 - Shutter	130 - 144	Strobe 5: random opening pulse (fast ⊕ slow)	22	
		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		
29	Single Tube 2 only Pixel 1 -12 - Duration	000-255		0	only affects to Strobe 1 (025-064)
30	RGB Panel Center - Pixel 1-12(Pixel 1/2 a pair 3/4 up to Pixel 11/12) - 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				

100CH S2 PURE MODE (8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
31	RGB Panel Center - Pixel 1-12(Pixel 1/2 a pair 3/4 up to Pixel 11/12)- Duration	000-255		0	only affects to Strobe 1 (025-064)
32	RGB Panel Center - Red 1-2 (S2 Pixel 1)	000-255		255	
33	RGB Panel Center - Green 1-2 (S2 Pixel 1)	000-255		255	
34	RGB Panel Center - Blue 1-2 (S2 Pixel 1)	000-255		255	
35	RGB Panel Center - Red 3-4 (S2 Pixel 2)	000-255		255	
36	RGB Panel Center - Green 3-4 (S2 Pixel 2)	000-255		255	
37	RGB Panel Center - Blue 3-4 (S2 Pixel 2)	000-255		255	
38	RGB Panel Center - Red 5-6 (S2 Pixel 3)	000-255		255	
39	RGB Panel Center - Green 5-6 (S2 Pixel 3)	000-255		255	
40	RGB Panel Center - Blue 5-6 (S2 Pixel 3)	000-255		255	
41	RGB Panel Center - Red 7-8 (S2 Pixel 4)	000-255		255	
42	RGB Panel Center - Green 7-8 (S2 Pixel 4)	000-255		255	
43	RGB Panel Center - Blue 7-8 (S2 Pixel 4)	000-255		255	
44	RGB Panel Center - Red 9-10 (S2 Pixel 5)	000-255		255	
45	RGB Panel Center - Green 9-10 (S2 Pixel 5)	000-255		255	
46	RGB Panel Center - Blue 9-10 (S2 Pixel 5)	000-255		255	
47	RGB Panel Center - Red 11-12 (S2 Pixel 6)	000-255		255	
48	RGB Panel Center - Green 11-12 (S2 Pixel 6)	000-255		255	
49	RGB Panel Center - Blue 11-12 (S2 Pixel 6)	000-255		255	

100CH S2 PURE MODE (8 bit with Strobfuction)

CH	Function	Value	Setting	Default	Remark
50		000 - 005	No function		
		006-010	Display Backlight On (hold 3s)		
		011-015	Display Backlight Off (hold 3s)		
		016-018	No function		
		019-023	DMX Fail Blackout (hold 3s)		
		024-028	DMX Fail Hold (hold 3s)		
		029-033	DMX Fail - Emergency Light (hold 3s)		
		034-036	No function		
		037-041	Linear Dimmer Curve (hold 1,5s)		
		042-046	Exponential Dimmer Curve (hold 1,5s)		
		047-051	Logarithmic Dimmer Curve (hold 1,5s)		
		052-056	S-Curve Dimmer Curve (hold 1,5s)		
		057-061	No function		
		062-066	LED (Fast) Dimmer Response (hold 1,5s)		
		067-071	Medium Dimmer Response (hold 1,5s)		
		072-076	Halogen(Slow) Dimmer Response (hold 1,5s)		
		077-080	No function		
		081-085	Full Calibration (Colors & CCT / hold 3s)		
		086-090	CCT Calibration (RAW Colors / hold 3s)		
		091-093	No function		
		094-098	LED Frequency 800Hz (hold 3s)		
		099-103	LED Frequency 1200Hz (hold 3s)		
		104-108	LED Frequency 2000Hz (hold 3s)		
		109-113	LED Frequency 3600Hz (hold 3s)		
		114-118	LED Frequency 12kHz (hold 3s)		
		119-123	LED Frequency 25kHz (hold 3s)		
		124-126	No function		
		127-131	Fan Auto (hold 3s)		
		132-136	Fan Silent (hold 3s)		
		137-141	Fan Off (hold 3s)		
		142-146	Fan High Power (hold 3s)		
		147-149	No function		
		150-154	Invert RGB Panel Off (hold 1,5s)		
		155-159	Invert RGB Panel On (hold 1,5s)		
	160-164	Invert Single Tube 1 Off (hold 1,5s)			
	165-169	Invert Single Tube 1 On (hold 1,5s)			

100CH S2 PURE MODE (8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark	
50		170-174	Invert Single Tube 2 Off (hold 1,5s)			
		175-179	Invert Single Tube 2 On (hold 1,5s)			
		180-184	Swap RGB Panel Off (hold 1,5s)			
		185-189	Swap RGB Panel On (hold 1,5s)			
		190-194	Swap Single Tubes Off (hold 1,5s)			
		195-199	Swap Single Tubes On (hold 1,5s)			
		200-224	No function			
		225-229	LED Mode - Illumination (hold 1,5s)			
		230-234	LED Mode - Boost (hold 1,5s)			
		235-237	No function			
		238-242	Factory Reset (hold 3s)			No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250
		243-247	User Reset (hold 3s)			No Change of DMX Address and Mode! / Reset only starts if Single Tube 1 Shutter is set to DMX 250
248-255	No function					
51	Master Dimmer Section 15-26	000-255		0		
52	Single Tube 1 - Pixel 15 - Intensity (S2 Pixel 1)	000-255		0		
53	Single Tube 1 - Pixel 16 - Intensity (S2 Pixel 2)	000-255		0		
54	Single Tube 1 - Pixel 17 - Intensity (S2 Pixel 3)	000-255		0		
55	Single Tube 1 - Pixel 18 - Intensity (S2 Pixel 4)	000-255		0		
56	Single Tube 1 - Pixel 19 - Intensity (S2 Pixel 5)	000-255		0		
57	Single Tube 1 - Pixel 20 - Intensity (S2 Pixel 6)	000-255		0		
58	Single Tube 1 - Pixel 21 - Intensity (S2 Pixel 7)	000-255		0		
59	Single Tube 1 - Pixel 22 - Intensity (S2 Pixel 8)	000-255		0		
60	Single Tube 1 - Pixel 23 - Intensity (S2 Pixel 9)	000-255		0		

100CH S2 PURE MODE (8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
61	Single Tube 1 - Pixel 24 - Intensity (S2 Pixel 10)	000-255		0	
62	Single Tube 1 - Pixel 25 - Intensity (S2 Pixel 11)	000-255		0	
63	Single Tube 1 - Pixel 26 - Intensity (S2 Pixel 12)	000-255		0	
64	Single Tube 1 only Pixel 15-26 - Shutter (S2 Pixel 1-12)	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				
65	Single Tube 1 only Pixel 15-26 - Duration (S2 Pixel 1-12)	000-255		0	
66	Single Tube 2 - Pixel 15 - Intensity (S2 Pixel 1)	000-255		0	
67	Single Tube 2 - Pixel 16 - Intensity (S2 Pixel 2)	000-255		0	

68	Single Tube 2 - Pixel 17 - Intensity (S2 Pixel 3)	000-255		0	
69	Single Tube 2 - Pixel 18 - Intensity (S2 Pixel 4)	000-255		0	
70	Single Tube 2 - Pixel 19 - Intensity (S2 Pixel 5)	000-255		0	
71	Single Tube 2 - Pixel 20 - Intensity (S2 Pixel 6)	000-255		0	
72	Single Tube 2 - Pixel 21 - Intensity (S2 Pixel 7)	000-255		0	
73	Single Tube 2 - Pixel 22 - Intensity (S2 Pixel 8)	000-255		0	
74	Single Tube 2 - Pixel 23 - Intensity (S2 Pixel 9)	000-255		0	
75	Single Tube 2 - Pixel 24 - Intensity (S2 Pixel 10)	000-255		0	
76	Single Tube 2 - Pixel 25 - Intensity (S2 Pixel 11)	000-255		0	
77	Single Tube 2 - Pixel 26 - Intensity (S2 Pixel 12)	000-255		0	
78	Single Tube 2 only Pixel 15-26 - Shut- ter (S2 Pixel 1-12)	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)				

100CH S2 PURE MODE (8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
78	Single Tube 2 only Pixel 15-26 - Shutter (S2 Pixel 1-12)	205 - 209	Shutter open	22	
		210 - 224	Strobe 9:sine wave (fast ⊕ slow)		
		225 - 229	Shutter open		
		230 - 244	Strobe 10: burst (fast ⊕ slow)		
		245 - 255	Shutter open		
79	Single Tube 2 only Pixel 15-26 - Duration (S2 Pixel 1-12)	000-255		0	
80	RGB Panel Center - Pixel 15-26(Pixel 15/16 a pair 17/18 up to Pixel 25/26) - 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				
81	RGB Panel Center - Pixel 1-12(Pixel 1/2 a pair 3/4 up to Pixel 11/12)- Duration	000-255		0	
82	RGB Panel Center - Red 15-16 (S2 Pixel 1)	000-255		255	
83	RGB Panel Center - Green 15-16 (S2 Pixel 1)	000-255		255	

100CH S2 PURE MODE (8 bit with Strobfunction)

CH	Function	Value	Setting	Default	Remark
84	RGB Panel Center - Blue 15-16 (S2 Pixel 1)	000-255		255	
85	RGB Panel Center - Red 17-18 (S2 Pixel 2)	000-255		255	
86	RGB Panel Center - Green 17-18 (S2 Pixel 2)	000-255		255	
87	RGB Panel Center - Blue 17-18 (S2 Pixel 2)	000-255		255	
88	RGB Panel Center - Red 19-20 (S2 Pixel 3)	000-255		255	
89	RGB Panel Center - Green 19-20 (S2 Pixel 3)	000-255		255	
90	RGB Panel Center - Blue 19-20 (S2 Pixel 3)	000-255		255	
91	RGB Panel Center - Red 21-22 (S2 Pixel 4)	000-255		255	
92	RGB Panel Center - Green 21-22 (S2 Pixel 4)	000-255		255	
93	RGB Panel Center - Blue 21-22 (S2 Pixel 4)	000-255		255	
94	RGB Panel Center - Red 23-24 (S2 Pixel 5)	000-255		255	
95	RGB Panel Center - Green 23-24 (S2 Pixel 5)	000-255		255	
96	RGB Panel Center - Blue 23-24 (S2 Pixel 5)	000-255		255	
97	RGB Panel Center - Red 25-26 (S2 Pixel 6)	000-255		255	
98	RGB Panel Center - Green 25-26 (S2 Pixel 6)	000-255		255	
99	RGB Panel Center - Blue 25-26 (S2 Pixel 6)	000-255		255	
100	EMPTY CHANNEL WITH Nothing Important for patching)!!!!	000 - 255	No function		



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