

7Ch mode						
Ch	Function	Values				Sub-group
1	Zoom	000	-	255	7-58°	Zoom
2	Dimmer	000	-	255	0%-100%	Dimmer
3	Strobe	000	-	255	Strobe Open	Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
4	Red	000	-	255	Red 0%-100%	Red
5	Green	000	-	255	Green 0%-100%	Green
6	Blue	000	-	255	Blue 0%-100%	Blue
7	White	000	-	255	White 0%-100%	White

12Ch mode						
Ch	Function	Values				Sub-group
1	Zoom	000	-	255	7-58°	Zoom
2	Dimmer	000	-	255	0%-100%	Dimmer
3	Strobe	000	-	255	Strobe Open	Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
4	Red	000	-	255	Red 0%-100%	Red
5	Green	000	-	255	Green 0%-100%	Green
6	Blue	000	-	255	Blue 0%-100%	Blue
7	White	000	-	255	White 0%-100%	White
8	Background Color dimmer	000	-	255	Background Color 0 <--> 100%	Background Color dimmer
9	Background Color Strobe	000	-	255	Strobe Open	
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	

10	Background Red	0	-	255	Red 0-100%	Background Red
11	Background Green	0	-	255	Green 0-100%	Background Green
12	Background blue	0	-	255	Blue 0-100%	Background blue

14Ch mode						
Ch	Function	Values				Sub-group
1	Zoom	000	-	255	7-58°	Zoom
2	Dimmer	000	-	255	0%-100%	Dimmer
3	Strobe	000	-	255	Strobe Open	Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
4	Red	000	-	255	Red 0%-100%	Red
5	Green	000	-	255	Green 0%-100%	Green
6	Blue	000	-	255	Blue 0%-100%	Blue
7	White	000	-	255	White 0%-100%	White
8	Colour Macro (override RGBW)	000	-	005	Color OFF	Colour Macro
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow Amber	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
102	-	109	Warm White			

		110	-	117	White	
		118		125	Cold White	
		126		127	Colour jumping stop	
		128		191	Colour jumping Speed slow->fast/Colour1->12	
		192		255	Colour fading Speed slow->fast/Colour1->12	
9	Background Color dimmer	000	-	255	Background Color 0 <-> 100%	Background Color dimmer
10	Background Color Strobe	000	-	255	Strobe Open	Background Color Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
11	Background Red	0	-	255	Red 0-100%	Background Red
12	Background Green	0	-	255	Green 0-100%	Background Green
13	Background blue	0	-	255	Blue 0-100%	Background blue
14	Background Color Macro(override RGB)	000	-	005	Color OFF	Background Color Macro
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow Amber	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118		125	Cold White	
		126		127	Colour jumping stop	
128		191	Colour jumping Speed slow->fast/Colour1->12			
192		255	Colour fading Speed slow->fast/Colour1->12			

16Ch mode						
Ch	Function	Values				Sub-group
1	Head1 Zoom	000	-	255	7-58°	Head1 Zoom
2	Head1 Red	000	-	255	Head1 Red 0%-100%	Head1 Red
3	Head1 Green	000	-	255	Head1 Green 0%-100%	Head1 Green
4	Head1 Blue	000	-	255	Head1 Blue 0%-100%	Head1 Blue
5	Head1 White	000	-	255	Head1 White 0%-100%	Head1 White
6	Head1 Background Red	0	-	255	Red 0-100%	Head1 Background Red
7	Head1 Background Green	0	-	255	Green 0-100%	Head1 Background Green
8	Head1 Background blue	0	-	255	Blue 0-100%	Head1 Background blue
9	Head2 Zoom	000	-	255	7-58°	Head2 Zoom
10	Head2 Red	000	-	255	Head2 Red 0%-100%	Head2 Red
11	Head2 Green	000	-	255	Head2 Green 0%-100%	Head2 Green
12	Head2 Blue	000	-	255	Head2 Blue 0%-100%	Head2 Blue
13	Head2 White	000	-	255	Head2 White 0%-100%	Head2 White
14	Head2 Background Red	0	-	255	Red 0-100%	Head2 Background Red
15	Head2 Background Green	0	-	255	Green 0-100%	Head2 Background Green
16	Head2 Background blue	0	-	255	Blue 0-100%	Head2 Background blue

22Ch mode						
Ch	Function	Values				Sub-group
1	Head1 Zoom	000	-	255	7-58°	Head1 Zoom
2	Head1 Dimmer	000	-	255	0%-100%	Head1 Dimmer
3	Head1 Strobe	000	-	255	Strobe Open	Head1 Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
4	Head1 Red	000	-	255	Head1 Red 0%-100%	Head1 Red
5	Head1 Green	000	-	255	Head1 Green 0%-100%	Head1 Green
6	Head1 Blue	000	-	255	Head1 Blue 0%-100%	Head1 Blue
7	Head1 White	000	-	255	Head1 White 0%-100%	Head1 White
8	Head1 Background Red	0	-	255	Red 0-100%	Head1 Background Red
9	Head1 Background Green	0	-	255	Green 0-100%	Head1 Background Green
10	Head1 Background blue	0	-	255	Blue 0-100%	Head1 Background blue
11	Head1 Device settings	000	-	005	No function	Head1 Device settings
		006	-	037	Preset dimmer speed from display menu	
		038	-	069	Dimmer speed mode off(Hold 5s)	
		070	-	101	Dimmer speed mode1(fast speed)(Hold 5s)	
		102	-	133	Dimmer speed mode2(middle speed)(Hold 5s)	
		134	-	165	Dimmer speed mode3(slow speed)(Hold 5s)	
		166	-	197	Setting Fan High (Hold 5s)	
		198	-	229	Setting Fan Auto (Hold 5s)	
		230	-	255	Reset Zoom motor(Hold 5s)	
12	Head2 Zoom	000	-	255	7-58°	Head2 Zoom
13	Head2 Dimmer	000	-	255	0%-100%	Head2 Dimmer
14	Head2 Strobe	000	-	255	Strobe Open	Head2 Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
15	Head2 Red	000	-	255	Head2 Red 0%-100%	Head2 Red

16	Head2 Green	000	-	255	Head2 Green 0%-100%	Head2 Green
17	Head2 Blue	000	-	255	Head2 Blue 0%-100%	Head2 Blue
18	Head2 White	000	-	255	Head2 White 0%-100%	Head2 White
19	Head2 Background Red	0	-	255	Red 0-100%	Head2 Background Red
20	Head2 Background Green	0	-	255	Green 0-100%	Head2 Background Green
21	Head2 Background blue	0	-	255	Blue 0-100%	Head2 Background blue
22	Head2 Device settings	000	-	005	No function	Head2 Device settings
		006	-	037	Preset dimmer speed from display menu	
		038	-	069	Dimmer speed mode off(Hold 5s)	
		070	-	101	Dimmer speed mode1(fast speed)(Hold 5s)	
		102	-	133	Dimmer speed mode2(middle speed)(Hold 5s)	
		134	-	165	Dimmer speed mode3(slow speed)(Hold 5s)	
		166	-	197	Setting Fan High (Hold 5s)	
		198	-	229	Setting Fan Auto (Hold 5s)	
		230	-	255	Reset Zoom motor(Hold 5s)	

34Ch mode						
Ch	Function	Values				Sub-group
1	Head1 zoom	000	-	255	7-58°	Head1 zoom
2	Head2 zoom	000	-	255	7-58°	Head2 zoom
3	Head1 Dimmer	000	-	255	Dimmer 0%-100%	Head1 Dimmer
4	Head2 Dimmer	000	-	255	Dimmer 0%-100%	Head1 Dimmer
5	Head1 Strobe functions	000	-	005	Strobe open	Head1 Multifunctional -strobe
		006	-	010	Strobe closed	
		011	-	033	Plus Random, slow->fast	
		034	-	056	Ramp up Random, slow -> fast	
		057	-	079	Ramp down Random, slow -> fast	
		080	-	102	Random Strobe Effect, slow -> fast	

		103	-	127	Strobe Break Effect, 5s.....1s (Short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
		251	-	255	Strobe open	
6	Head2 Strobe functions	000	-	005	Strobe open	Head2 Multifunctional -strobe
		006	-	010	Strobe closed	
		011	-	033	Plus Random, slow->fast	
		034	-	056	Ramp up Random, slow -> fast	
		057	-	079	Ramp down Random, slow -> fast	
		080	-	102	Random Strobe Effect, slow -> fast	
		103	-	127	Strobe Break Effect, 5s.....1s (Short burst with break)	
		128	-	250	Strobe slow -> fast <1Hz - 20Hz	
		251	-	255	Strobe open	
7	Head1 Red	000	-	255	Head1 Red 0%-100%	Head1 Red
8	Head1 Green	000	-	255	Head1 Green 0%-100%	Head1 Green
9	Head1 Blue	000	-	255	Head1 Blue 0%-100%	Head1 Blue
10	Head1 White	000	-	255	Head1 White 0%-100%	Head1 White
11	Head2 Red	000	-	255	Head2 Red 0%-100%	Head2 Red
12	Head2 Green	000	-	255	Head2 Green 0%-100%	Head2 Green
13	Head2 Blue	000	-	255	Head2 Blue 0%-100%	Head2Blue
14	Head2 White	000	-	255	Head2 White 0%-100%	Head2 White
15	Head1 Colour Macro (override RGBW)	000	-	005	Color OFF	Head1 Colour Macro
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow Amber	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
110	-	117	White			

		118		125	Cold White	
		126		127	Colour jumping stop	
		128		191	Colour jumping Speed slow->fast/Colour1->12	
		192		255	Colour fading Speed slow->fast/Colour1->12	
16	Head2 Colour Macro (override RGBW)	000	-	005	Color OFF	Head2 Colour Macro
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow Amber	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118		125	Cold White	
		126		127	Colour jumping stop	
		128		191	Colour jumping Speed slow->fast/Colour1->12	
		192		255	Colour fading Speed slow->fast/Colour1->12	
17	Rainbow	000	-	006	Rainbow off	Rainbow effect
		006	-	021	Rainbow1	
		022	-	037	Rainbow2	
		038	-	053	Rainbow3	
		054	-	069	Rainbow4	
		070	-	085	Rainbow5	
		086	-	101	Rainbow6	
		102	-	117	Rainbow7	
		118	-	133	Rainbow8	
		134	-	149	Rainbow9	
		150	-	165	Rainbow10	
		166	-	181	Rainbow11	

		182	-	197	Rainbow12	
		198	-	213	Rainbow13	
		214	-	229	Rainbow14	
		230	-	255	Rainbow15	
18	Auto	000	-	005	No function	AUTO Program
		006	-	030	Auto Program1	
		031	-	055	Auto Program2	
		056	-	080	Auto Program3	
		081	-	105	Auto Program4	
		106	-	130	Auto Program5	
		131	-	155	Auto Program6	
		156	-	180	Auto Program7	
		181	-	205	Auto Program8	
		206	-	230	Auto Program9	
		231	-	255	Auto Program10	
19	Speed	000	-	255	Auto program speed slow->fast	Speed
20	Fade	000	-	255	Auto Fade	Fade
21	Dimmer Curve	000	-	005	No function	Set dimmer curve
		006	-	063	Linear Dimmer Curve (Hold5s)	
		064	-	127	Exponential Dimmer Curve (Hold5s)	
		128	-	191	Logarithmic Dimmer Curve (Hold5s)	
		192	-	255	S-Curve Dimmer Curve (Hold5s)	
22	Device settings	000	-	005	No function	Device settings
		006	-	037	Preset dimmer speed from display menu	
		038	-	069	Dimmer speed mode off(Hold 5s)	
		070	-	101	Dimmer speed mode1(fast speed)(Hold 5s)	
		102	-	133	Dimmer speed mode2(middle speed)(Hold 5s)	
		134	-	165	Dimmer speed mode3(slow speed)(Hold 5s)	
		166	-	197	Setting Fan High (Hold 5s)	
		198	-	229	Setting Fan Auto (Hold 5s)	
		230	-	255	Reset Zoom motor(Hold 5s)	
23	Head1 Background Color dimmer	000	-	255	Head1 Background Color 0 <--> 100%	Head1 Background Color dimmer
24		000	-	255	Strobe Open	

	Head1 Background Color Strobe	006	-	010	Strobe Close	Head1 Background Color Strobe
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
25	Head1 Background Red	0	-	255	Red 0-100%	Head1 Background Red
26	Head1 Background Green	0	-	255	Green 0-100%	Head1 Background Green
27	Head1 Background blue	0	-	255	Blue 0-100%	Head1 Background blue
28	Head1 Background Color Macro(override RGB)	000	-	005	Color OFF	Head1 Background Color Macro
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow Amber	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118		125	Cold White	
		126		127	Colour jumping stop	
128		191	Colour jumping Speed slow->fast/Colour1->12			
192		255	Colour fading Speed slow->fast/Colour1->12			
29	Head2 Background Color dimmer	000	-	255	Head1 Background Color 0 <--> 100%	Head2 Background Color dimmer
30	Head2 Background Color Strobe	000	-	255	Strobe Open	Head2 Background Color Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	

31	Head2 Background Red	0	-	255	Red 0-100%	Head2 Background Red
32	Head2 Background Green	0	-	255	Green 0-100%	Head2 Background Green
33	Head2 Background blue	0	-	255	Blue 0-100%	Head2 Background blue
34	Head2 Background Color Macro(override RGB)	000	-	005	Color OFF	Head2 Background Color Macro
		006	-	013	Red	
		014	-	021	Amber	
		022	-	029	Yellow Amber	
		030	-	037	Yellow	
		038	-	045	Green	
		046	-	053	Turquoise	
		054	-	061	Cyan	
		062	-	069	Blue	
		070	-	077	Lavender	
		078	-	085	Mauve	
		086	-	093	Magenta	
		094	-	101	Pink	
		102	-	109	Warm White	
		110	-	117	White	
		118		125	Cold White	
		126		127	Colour jumping stop	
128		191	Colour jumping Speed slow->fast/Colour1->12			
192		255	Colour fading Speed slow->fast/Colour1->12			

48Ch mode						
Ch	Function	Values				Sub-group
1	Head1 Zoom	000	-	255	7-58°	Head1 zoom
2	Head1 dimmer	000	-	255	Head1 Dimmer 0%-100%	Head1 Dimmer
3	Head1 Strobe	000	-	255	Strobe Open	Head1 Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
4	Head1 Cell1 Red	000	-	255	Head1 Cell1 Red 0%-100%	Head1 Cell1 Red
5	Head1 Cell1 Green	000	-	255	Head1 Cell1 Green 0%-100%	Head1 Cell1 Green
6	Head1 Cell1 Blue	000	-	255	Head1 Cell1 Blue 0%-100%	Head1 Cell1 Blue
7	Head1 Cell1 White	000	-	255	Head1 Cell1 White 0%-100%	Head1 Cell1 White
.....	-
16	Head1 Cell4 Red	000	-	255	Head1 Cell4 Red 0%-100%	Head1 Cell4 Red
17	Head1 Cell4 Green	000	-	255	Head1 Cell4 Green 0%-100%	Head1 Cell1 Green
18	Head1 Cell4 Blue	000	-	255	Head1 Cell4 Blue 0%-100%	Head1 Cell4 Blue
19	Head1 Cell4 White	000	-	255	Head1 Cell4 White 0%-100%	Head1 Cell4 White
20	Head1 Background Color dimmer	000	-	255	Head1 Background Color 0 <--> 100%	Head1 Background Color dimmer
21	Head1 Background Color Strobe	000	-	255	Strobe Open	Head1 Background Color Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
22	Head1 Background Red	0	-	255	Red 0-100%	Head1 Background Red
23	Head1 Background Green	0	-	255	Green 0-100%	Head1 Background Green
24	Head1 Background blue	0	-	255	Blue 0-100%	Head1 Background blue
25	Head2 Zoom	000	-	255	7-58°	Head2 zoom
26	Head2 dimmer	000	-	255	Head1 Dimmer 0%-100%	Head2 Dimmer

27	Head2 Strobe	000	-	255	Strobe Open	Head2 Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
28	Head2 Cell1 Red	000	-	255	Head1 Cell1 Red 0%-100%	Head2 Cell1 Red
29	Head1 Cell1 Green	000	-	255	Head1 Cell1 Green 0%-100%	Head2 Cell1 Green
30	Head2 Cell1 Blue	000	-	255	Head1 Cell1 Blue 0%-100%	Head2 Cell1 Blue
31	Head2 Cell1 White	000	-	255	Head1 Cell1 White 0%-100%	Head2 Cell1 White
.....	-
40	Head2 Cell4 Red	000	-	255	Head1 Cell4 Red 0%-100%	Head2 Cell4 Red
41	Head2 Cell4 Green	000	-	255	Head1 Cell4 Green 0%-100%	Head2 Cell1 Green
42	Head2 Cell4 Blue	000	-	255	Head1 Cell4 Blue 0%-100%	Head2 Cell4 Blue
43	Head2 Cell4 White	000	-	255	Head1 Cell4 White 0%-100%	Head2 Cell4 White
44	Head2 Background Color dimmer	000	-	255	Head1 Background Color 0 <-> 100%	Head2 Background Color dimmer
45	Head2 Background Color Strobe	000	-	255	Strobe Open	Head2 Background Color Strobe
		006	-	010	Strobe Close	
		011	-	250	Strobe slow->fast<1Hz-20Hz	
		251	-	255	Strobe Open	
46	Head2 Background Red	0	-	255	Red 0-100%	Head2 Background Red
47	Head2 Background Green	0	-	255	Green 0-100%	Head1 Background Green
48	Head2 Background blue	0	-	255	Blue 0-100%	Head2 Background blue