

16- DMX PROTOCOL**“EXTENDED” mode: 64 DMX channels**

1	RED DIMMER	60	WHITE 11
2	GREEN DIMMER	61	RED 12
3	BLUE DIMMER	62	GREEN 12
4	WHITE DIMMER	63	BLUE 12
5	SHUTTER	64	WHITE 12
6	DIMMER		
7	DIMMER FINE		
8	LINEAR CTO		
9	MACRO COLOR		
10	TILT		
11	TILT FINE		
12	TILT SPEED		
13	SERVICE		
14	FUNCTIONS		
15	ZOOM		
16	RESET		
17	RED1		
18	GREEN 1		
19	BLUE 1		
20	WHITE 1		
21	RED 2		
22	GREEN 2		
23	BLUE 2		
24	WHITE 2		
25	RED 3		
26	GREEN 3		
27	BLUE 3		
28	WHITE 3		
29	RED 4		
30	GREEN 4		
31	BLUE 4		
32	WHITE 4		
33	RED 5		
34	GREEN 5		
35	BLUE 5		
36	WHITE 5		
37	RED 6		
38	GREEN 6		
39	BLUE 6		
40	WHITE 6		
41	RED 7		
42	GREEN 7		
43	BLUE 7		
44	WHITE 7		
45	RED 8		
46	GREEN 8		
47	BLUE 8		
48	WHITE 8		
49	RED 9		
50	GREEN 9		
51	BLUE 9		
52	WHITE 9		
53	RED 10		
54	GREEN 10		
55	BLUE 10		
56	WHITE 10		
57	RED 11		
58	GREEN 11		
59	BLUE 11		

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
1	RED DIMMER	0..255	RED Master dimmer
2	GREEN DIMMER	0..255	GREEN Master dimmer
3	BLUE DIMMER	0..255	BLUE Master dimmer
4	WHITE DIMMER	0..255	WHITE Master dimmer
5	SHUTTER	0..9	Black-out
		10..19	Open
		20..29	Black-out
		30..119	Strobe (from 3,27 s to 30 ms)
		120..149	Pulse up (from 42,6 s to 120 ms)
		150..179	Pulse down (from 42,6 s to 120 ms)
		180..204	Random strobe
		205..229	Full independent random strobe
		230..255	Open
6	DIMMER	0..255	Proportional master dimmer MSB
7	DIMMER FINE	0..255	Proportional master dimmer LSB
8	LINEAR CTO	0..10	No function
		11..255	Linear control temperature correction (whites from 2700K to 8000K)
9	MACRO COLOR	0..14	No function
		15..24	Fix.Col.1: RED - RGBW=(255,0,0,0)
		25..34	Fix.Col.2: RGBW=(255,85,0,0)
		35..44	Fix.Col.3: RGBW=(255,170,0,0)
		45..54	Fix.Col.4: YELLOW - RGBW=(255,255,0,0)
		55..64	Fix.Col.5: RGBW=(170,255,0,0)
		65..74	Fix.Col.6: RGBW=(85,255,0,0)
		75..84	Fix.Col.7: GREEN - RGBW=(0,255,0,0)
		85..94	Fix.Col.8: RGBW=(0,255,85,0)
		95..104	Fix.Col.9: RGBW=(0,255,170,0)
		105..114	Fix.Col.10: CYAN - RGBW=(0,255,255,0)
		115..124	Fix.Col.11: RGBW=(0,170,255,0)
		125..134	Fix.Col.12: RGBW=(0,85,255,0)
		135..144	Fix.Col.13: BLUE - RGBW=(0,0,255,0)
		145..154	Fix.Col.14: RGBW=(85,0,255,0)
		155..164	Fix.Col.15: RGBW=(170,0,255,0)
		165..174	Fix.Col.16: MAGENTA - RGBW=(255,0,255,0)
		175..184	Rainbow: a new colour every 6 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		185..194	Rainbow: a new colour every 15 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		195..204	Rainbow: a new colour every 30 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		205..214	Rainbow: a new colour every 45 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		215..224	Rainbow: a new colour every 60 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		225..234	Rainbow: a new colour every 120 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		235..244	Rainbow: a new colour every 150 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		245..255	Rainbow: a new colour every 180 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
10	TILT		TILT MSB
11	TILT FINE		TILT LSB
12	TILT SPEED	0..10	Standard
		11..25	Maximum speed
		26..127	From maximum to minimum speed
		128..247	Variable reaction to DMX signal (fast to slow)
		248..255	Slow reaction time to DMX signal
13	SERVICE	0..10	No function
		11..244	reserved
		245..255	Activating "FUNCTIONS" channel

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
14	FUNCTIONS	0..14	No function
	Activated by channel SERVICE at range 245..255 and staying on desired option for 5 seconds	15..24	SMOOTH OFF (DEFAULT)
		25..26	SMOOTH 1
		27..28	SMOOTH 2
		29..30	SMOOTH 3
		31..32	SMOOTH 4
		33..34	SMOOTH 5
		35..36	SMOOTH 6
		37..38	SMOOTH 7
		39..40	SMOOTH 8
		41..42	SMOOTH 9
		43..44	SMOOTH 10
		45..46	SMOOTH 11
		47..48	SMOOTH 12
		49..50	SMOOTH 13
		51..52	SMOOTH 14
		53..54	SMOOTH 15
		55..56	SMOOTH 16
		57..58	SMOOTH 17
		59..60	SMOOTH 18
		61..62	SMOOTH 19
		63..64	SMOOTH 20
		65..74	GAMMA CORRECTION QUADRATIC (DEFAULT)
		75..84	GAMMA CORRECTION LINEAR
		85..104	OUTPUT FREQUENCY 610 Hz (DEFAULT)
		105	OUTPUT FREQUENCY 800 Hz
		106	OUTPUT FREQUENCY 1000 Hz
		107	OUTPUT FREQUENCY 1500 Hz
		108	OUTPUT FREQUENCY 2000 Hz
		109	OUTPUT FREQUENCY 2500 Hz
		110	OUTPUT FREQUENCY 3000 Hz
		111	OUTPUT FREQUENCY 3500 Hz
		112	OUTPUT FREQUENCY 4000 Hz
		113	OUTPUT FREQUENCY 4500 Hz
		114	OUTPUT FREQUENCY 5000 Hz
		115	OUTPUT FREQUENCY 5500 Hz
		116	OUTPUT FREQUENCY 6000 Hz
		117	OUTPUT FREQUENCY 6500 Hz
		118	OUTPUT FREQUENCY 7000 Hz
		119	OUTPUT FREQUENCY 7500 Hz
		120	OUTPUT FREQUENCY 8000 Hz
		121	OUTPUT FREQUENCY 8500 Hz
		122	OUTPUT FREQUENCY 9000 Hz
		123	OUTPUT FREQUENCY 9500 Hz
		124	OUTPUT FREQUENCY 10000 Hz
		125	OUTPUT FREQUENCY 11000 Hz
		126	OUTPUT FREQUENCY 12000 Hz
		127	OUTPUT FREQUENCY 13000 Hz
		128	OUTPUT FREQUENCY 14000 Hz
		129	OUTPUT FREQUENCY 15000 Hz
		130	OUTPUT FREQUENCY 16000 Hz
		131	OUTPUT FREQUENCY 17000 Hz
		132	OUTPUT FREQUENCY 18000 Hz
		133	OUTPUT FREQUENCY 19000 Hz
		134	OUTPUT FREQUENCY 20000 Hz
		135..144	BOOST ON (DEFAULT)
		145..154	BOOST OFF
		155..164	RESERVED

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
		165..174	RESERVED
		175..184	RESERVED
		185..194	RESERVED
		195..204	RESERVED
		205..214	TILT NORMAL (DEFAULT)
		215..224	TILT REVERSE
		225..234	RESERVED
		235..244	FAN SPEED STUDIO MODE
		245..255	FAN SPEED LIVE MODE (DEFAULT)
15	ZOOM	0..255	Linear zoom from narrow to wide
16	RESET	0..15	No function
		16..75	PAN TILT reset
		76..239	ZOOM reset
		240..255	TOTAL Unit reset
17	RED1	0..255	Proportional colour
18	GREEN1	0..255	Proportional colour
19	BLUE1	0..255	Proportional colour
20	WHITE1	0..255	Proportional colour
21	RED2	0..255	Proportional colour
22	GREEN2	0..255	Proportional colour
23	BLUE2	0..255	Proportional colour
24	WHITE2	0..255	Proportional colour
25	RED3	0..255	Proportional colour
26	GREEN3	0..255	Proportional colour
27	BLUE3	0..255	Proportional colour
28	WHITE3	0..255	Proportional colour
29	RED4	0..255	Proportional colour
30	GREEN4	0..255	Proportional colour
31	BLUE4	0..255	Proportional colour
32	WHITE4	0..255	Proportional colour
33	RED5	0..255	Proportional colour
34	GREEN5	0..255	Proportional colour
35	BLUE5	0..255	Proportional colour
36	WHITE5	0..255	Proportional colour
37	RED6	0..255	Proportional colour
38	GREEN6	0..255	Proportional colour
39	BLUE6	0..255	Proportional colour
40	WHITE6	0..255	Proportional colour
41	RED7	0..255	Proportional colour
42	GREEN7	0..255	Proportional colour
43	BLUE7	0..255	Proportional colour
44	WHITE7	0..255	Proportional colour
45	RED8	0..255	Proportional colour
46	GREEN8	0..255	Proportional colour
47	BLUE8	0..255	Proportional colour
48	WHITE8	0..255	Proportional colour
49	RED9	0..255	Proportional colour
50	GREEN9	0..255	Proportional colour
51	BLUE9	0..255	Proportional colour
52	WHITE9	0..255	Proportional colour
53	RED10	0..255	Proportional colour
54	GREEN10	0..255	Proportional colour
55	BLUE10	0..255	Proportional colour
56	WHITE10	0..255	Proportional colour
57	RED11	0..255	Proportional colour
58	GREEN11	0..255	Proportional colour
59	BLUE11	0..255	Proportional colour
60	WHITE11	0..255	Proportional colour

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
61	RED12	0..255	Proportional colour
62	GREEN12	0..255	Proportional colour
63	BLUE12	0..255	Proportional colour
64	WHITE12	0..255	Proportional colour

16- DMX PROTOCOL

“STANDARD” mode: 16 DMX channels

1	RED DIMMER
2	GREEN DIMMER
3	BLUE DIMMER
4	WHITE DIMMER
5	SHUTTER
6	DIMMER
7	DIMMER FINE
8	LINEAR CTO
9	MACRO COLOR
10	TILT
11	TILT FINE
12	TILT SPEED
13	SERVICE
14	FUNCTIONS
15	ZOOM
16	RESET

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
1	RED DIMMER	0..255	RED Master dimmer
2	GREEN DIMMER	0..255	GREEN Master dimmer
3	BLUE DIMMER	0..255	BLUE Master dimmer
4	WHITE DIMMER	0..255	WHITE Master dimmer
5	SHUTTER	0..9	Black-out
		10..19	Open
		20..29	Black-out
		30..119	Strobe (from 3,27 s to 30 ms)
		120..149	Pulse up (from 42,6 s to 120 ms)
		150..179	Pulse down (from 42,6 s to 120 ms)
		180..204	Random strobe
		205..229	Full independent random strobe
		230..255	Open
6	DIMMER	0..255	Proportional master dimmer MSB
7	DIMMER FINE	0..255	Proportional master dimmer LSB
8	LINEAR CTO	0..10	No function
		11..255	Linear control temperature correction (whites from 2700K to 8000K)
9	MACRO COLOR	0..14	No function
		15..24	Fix.Col.1: RED - RGBW=(255,0,0,0)
		25..34	Fix.Col.2: RGBW=(255,85,0,0)
		35..44	Fix.Col.3: RGBW=(255,170,0,0)
		45..54	Fix.Col.4: YELLOW - RGBW=(255,255,0,0)
		55..64	Fix.Col.5: RGBW=(170,255,0,0)
		65..74	Fix.Col.6: RGBW=(85,255,0,0)
		75..84	Fix.Col.7: GREEN - RGBW=(0,255,0,0)
		85..94	Fix.Col.8: RGBW=(0,255,85,0)
		95..104	Fix.Col.9: RGBW=(0,255,170,0)
		105..114	Fix.Col.10: CYAN - RGBW=(0,255,255,0)
		115..124	Fix.Col.11: RGBW=(0,170,255,0)
		125..134	Fix.Col.12: RGBW=(0,85,255,0)
		135..144	Fix.Col.13: BLUE - RGBW=(0,0,255,0)
		145..154	Fix.Col.14: RGBW=(85,0,255,0)
		155..164	Fix.Col.15: RGBW=(170,0,255,0)
		165..174	Fix.Col.16: MAGENTA - RGBW=(255,0,255,0)
		175..184	Rainbow: a new colour every 6 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		185..194	Rainbow: a new colour every 15 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		195..204	Rainbow: a new colour every 30 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
		205..214	Rainbow: a new colour every 45 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		215..224	Rainbow: a new colour every 60 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		225..234	Rainbow: a new colour every 120 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		235..244	Rainbow: a new colour every 150 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		245..255	Rainbow: a new colour every 180 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
10	TILT		TILT MSB
11	TILT FINE		TILT LSB
12	TILT SPEED	0..10	Standard
		11..25	Maximum speed
		26..127	From maximum to minimum speed
		128..247	Variable reaction to DMX signal (fast to slow)
		248..255	Slow reaction time to DMX signal
13	SERVICE	0..10	No function
		11..244	reserved
		245..255	Activating "FUNCTIONS" channel
14	FUNCTIONS	0..14	No function
	Activated by channel SERVICE at range 245..255 and staying on desired option for 5 seconds	15..24	SMOOTH OFF (DEFAULT)
		25..26	SMOOTH 1
		27..28	SMOOTH 2
		29..30	SMOOTH 3
		31..32	SMOOTH 4
		33..34	SMOOTH 5
		35..36	SMOOTH 6
		37..38	SMOOTH 7
		39..40	SMOOTH 8
		41..42	SMOOTH 9
		43..44	SMOOTH 10
		45..46	SMOOTH 11
		47..48	SMOOTH 12
		49..50	SMOOTH 13
		51..52	SMOOTH 14
		53..54	SMOOTH 15
		55..56	SMOOTH 16
		57..58	SMOOTH 17
		59..60	SMOOTH 18
		61..62	SMOOTH 19
		63..64	SMOOTH 20
		65..74	GAMMA CORRECTION QUADRATIC (DEFAULT)
		75..84	GAMMA CORRECTION LINEAR
		85..104	OUTPUT FREQUENCY 610 Hz (DEFAULT)
		105	OUTPUT FREQUENCY 800 Hz
		106	OUTPUT FREQUENCY 1000 Hz
		107	OUTPUT FREQUENCY 1500 Hz
		108	OUTPUT FREQUENCY 2000 Hz
		109	OUTPUT FREQUENCY 2500 Hz
		110	OUTPUT FREQUENCY 3000 Hz
		111	OUTPUT FREQUENCY 3500 Hz
		112	OUTPUT FREQUENCY 4000 Hz
		113	OUTPUT FREQUENCY 4500 Hz
		114	OUTPUT FREQUENCY 5000 Hz
		115	OUTPUT FREQUENCY 5500 Hz
		116	OUTPUT FREQUENCY 6000 Hz
		117	OUTPUT FREQUENCY 6500 Hz
		118	OUTPUT FREQUENCY 7000 Hz
		119	OUTPUT FREQUENCY 7500 Hz
		120	OUTPUT FREQUENCY 8000 Hz

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
		121	OUTPUT FREQUENCY 8500 Hz
		122	OUTPUT FREQUENCY 9000 Hz
		123	OUTPUT FREQUENCY 9500 Hz
		124	OUTPUT FREQUENCY 10000 Hz
		125	OUTPUT FREQUENCY 11000 Hz
		126	OUTPUT FREQUENCY 12000 Hz
		127	OUTPUT FREQUENCY 13000 Hz
		128	OUTPUT FREQUENCY 14000 Hz
		129	OUTPUT FREQUENCY 15000 Hz
		130	OUTPUT FREQUENCY 16000 Hz
		131	OUTPUT FREQUENCY 17000 Hz
		132	OUTPUT FREQUENCY 18000 Hz
		133	OUTPUT FREQUENCY 19000 Hz
		134	OUTPUT FREQUENCY 20000 Hz
		135..144	BOOST ON (DEFAULT)
		145..154	BOOST OFF
		155..164	RESERVED
		165..174	RESERVED
		175..184	RESERVED
		185..194	RESERVED
		195..204	RESERVED
		205..214	TILT NORMAL (DEFAULT)
		215..224	TILT REVERSE
		225..234	RESERVED
		235..244	FAN SPEED STUDIO MODE
		245..255	FAN SPEED LIVE MODE (DEFAULT)
15	ZOOM	0..255	Linear zoom from narrow to wide
16	RESET	0..15	No function
		16..75	PAN TILT reset
		76..239	ZOOM reset
		240..255	TOTAL Unit reset

16- DMX PROTOCOL**“CHASE” mode: 24 DMX channels (default)**

1	RED DIMMER
2	GREEN DIMMER
3	BLUE DIMMER
4	WHITE DIMMER
5	SHUTTER
6	DIMMER
7	DIMMER FINE
8	LINEAR CTO
9	MACRO COLOR
10	TILT
11	TILT FINE
12	TILT SPEED
13	SERVICE
14	FUNCTIONS
15	ZOOM
16	RESET
17	CHASE 1 SELECTION
18	CHASE 1 COLOUR
19	CHASE 1 SIZE/SPEED
20	CHASE 1 DIMMER
21	CHASE 2 SELECTION
22	CHASE 2 COLOUR
23	CHASE 2 SIZE/SPEED
24	CHASE 2 DIMMER

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
1	RED DIMMER	0..255	RED Master dimmer
2	GREEN DIMMER	0..255	GREEN Master dimmer
3	BLUE DIMMER	0..255	BLUE Master dimmer
4	WHITE DIMMER	0..255	WHITE Master dimmer
5	SHUTTER	0..9	Black-out
		10..19	Open
		20..29	Black-out
		30..119	Strobe (from 3,27 s to 30 ms)
		120..149	Pulse up (from 42,6 s to 120 ms)
		150..179	Pulse down (from 42,6 s to 120 ms)
		180..204	Random strobe
		205..229	Full independent random strobe
		230..255	Open
6	DIMMER	0..255	Proportional master dimmer MSB
7	DIMMER FINE	0..255	Proportional master dimmer LSB
8	LINEAR CTO	0..10	No function
		11..255	Linear control temperature correction (whites from 2700K to 8000K)
9	MACRO COLOR	0..14	No function
		15..24	Fix.Col.1: RED - RGBW=(255,0,0,0)
		25..34	Fix.Col.2: RGBW=(255,85,0,0)
		35..44	Fix.Col.3: RGBW=(255,170,0,0)
		45..54	Fix.Col.4: YELLOW - RGBW=(255,255,0,0)
		55..64	Fix.Col.5: RGBW=(170,255,0,0)
		65..74	Fix.Col.6: RGBW=(85,255,0,0)
		75..84	Fix.Col.7: GREEN - RGBW=(0,255,0,0)
		85..94	Fix.Col.8: RGBW=(0,255,85,0)
		95..104	Fix.Col.9: RGBW=(0,255,170,0)
		105..114	Fix.Col.10: CYAN - RGBW=(0,255,255,0)

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
		115..124	Fix.Col.11: RGBW=(0,170,255,0)
		125..134	Fix.Col.12: RGBW=(0,85,255,0)
		135..144	Fix.Col.13: BLUE – RGBW(0,0,255,0)
		145..154	Fix.Col.14: RGBW=(85,0,255,0)
		155..164	Fix.Col.15: RGBW=(170,0,255,0)
		165..174	Fix.Col.16: MAGENTA – RGBW=(255,0,255,0)
		175..184	Rainbow: a new colour every 6 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		185..194	Rainbow: a new colour every 15 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		195..204	Rainbow: a new colour every 30 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		205..214	Rainbow: a new colour every 45 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		215..224	Rainbow: a new colour every 60 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		225..234	Rainbow: a new colour every 120 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		235..244	Rainbow: a new colour every 150 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
		245..255	Rainbow: a new colour every 180 s (RED, YELLOW, GREEN, CYAN, BLUE, MAGENTA, WHITE)
10	TILT		TILT MSB
11	TILT FINE		TILT LSB
12	TILT SPEED	0..10	Standard
		11..25	Maximum speed
		26..127	From maximum to minimum speed
		128..247	Variable reaction to DMX signal (fast to slow)
		248..255	Slow reaction time to DMX signal
13	SERVICE	0..10	No function
		11..244	reserved
		245..255	Activating "FUNCTIONS" channel
14	FUNCTIONS	0..14	No function
	Activated by channel SERVICE at range 245..255 and staying on desired option for 5 seconds	15..24	SMOOTH OFF (DEFAULT)
		25..26	SMOOTH 1
		27..28	SMOOTH 2
		29..30	SMOOTH 3
		31..32	SMOOTH 4
		33..34	SMOOTH 5
		35..36	SMOOTH 6
		37..38	SMOOTH 7
		39..40	SMOOTH 8
		41..42	SMOOTH 9
		43..44	SMOOTH 10
		45..46	SMOOTH 11
		47..48	SMOOTH 12
		49..50	SMOOTH 13
		51..52	SMOOTH 14
		53..54	SMOOTH 15
		55..56	SMOOTH 16
		57..58	SMOOTH 17
		59..60	SMOOTH 18
		61..62	SMOOTH 19
		63..64	SMOOTH 20
		65..74	GAMMA CORRECTION QUADRATIC (DEFAULT)
		75..84	GAMMA CORRECTION LINEAR
		85..104	OUTPUT FREQUENCY 610 Hz (DEFAULT)
		105	OUTPUT FREQUENCY 800 Hz
		106	OUTPUT FREQUENCY 1000 Hz
		107	OUTPUT FREQUENCY 1500 Hz
		108	OUTPUT FREQUENCY 2000 Hz
		109	OUTPUT FREQUENCY 2500 Hz
		110	OUTPUT FREQUENCY 3000 Hz
		111	OUTPUT FREQUENCY 3500 Hz
		112	OUTPUT FREQUENCY 4000 Hz
		113	OUTPUT FREQUENCY 4500 Hz

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
		114	OUTPUT FREQUENCY 5000 Hz
		115	OUTPUT FREQUENCY 5500 Hz
		116	OUTPUT FREQUENCY 6000 Hz
		117	OUTPUT FREQUENCY 6500 Hz
		118	OUTPUT FREQUENCY 7000 Hz
		119	OUTPUT FREQUENCY 7500 Hz
		120	OUTPUT FREQUENCY 8000 Hz
		121	OUTPUT FREQUENCY 8500 Hz
		122	OUTPUT FREQUENCY 9000 Hz
		123	OUTPUT FREQUENCY 9500 Hz
		124	OUTPUT FREQUENCY 10000 Hz
		125	OUTPUT FREQUENCY 11000 Hz
		126	OUTPUT FREQUENCY 12000 Hz
		127	OUTPUT FREQUENCY 13000 Hz
		128	OUTPUT FREQUENCY 14000 Hz
		129	OUTPUT FREQUENCY 15000 Hz
		130	OUTPUT FREQUENCY 16000 Hz
		131	OUTPUT FREQUENCY 17000 Hz
		132	OUTPUT FREQUENCY 18000 Hz
		133	OUTPUT FREQUENCY 19000 Hz
		134	OUTPUT FREQUENCY 20000 Hz
		135..144	BOOST ON (DEFAULT)
		145..154	BOOST OFF
		155..164	RESERVED
		165..174	RESERVED
		175..184	RESERVED
		185..194	RESERVED
		195..204	RESERVED
		205..214	TILT NORMAL (DEFAULT)
		215..224	TILT REVERSE
		225..234	RESERVED
		235..244	FAN SPEED STUDIO MODE
		245..255	FAN SPEED LIVE MODE (DEFAULT)
15	ZOOM	0..255	Linear zoom from narrow to wide
16	RESET	0..15	No function
		16..75	PAN TILT reset
		76..239	ZOOM reset
		240..255	TOTAL Unit reset
17	CHASE1 SELECT.	0..47	No Effect
		48..63	Background
		64..79	Hystogram Left
		80..95	Hystogram Right
		96..111	Hystogram Multicolour Left
		112..127	Hystogram Multicolour Right
		128..143	Continous Shift Right
		144..159	Continous Shift Left
		160..175	Wave Right
		176..191	Wave Left
		192..207	Random Strobe
		208..223	Random Strobe Random Colour
		224..239	Pulse
		240..255	Random Pick
18	CHASE1 COLOUR	0..255	Chase colour selection
19	CHASE1 SIZE/SPD	0..255	Chase speed size tuning
20	CHASE1 DIMMER	0..255	Chase Level

<i>Ch</i>	<i>Name</i>	<i>DMX levels</i>	
21	CHASE2 SELECT.	0..47	No Effect
		48..63	Background
		64..79	Hystogram Left
		80..95	Hystogram Right
		96..111	Hystogram Multicolour Left
		112..127	Hystogram Multicolour Right
		128..143	Continous Shift Right
		144..159	Continous Shift Left
		160..175	Wave Right
		176..191	Wave Left
		192..207	Random Strobo
		208..223	Random Strobo Random Colour
		224..239	Pulse
		240..255	Random Pick
22	CHASE2 COLOUR	0..255	Chase colour selection
23	CHASE2 SIZE/SPD	0..255	Chase speed size tuning
24	CHASE2 DIMMER	0..255	Chase Level