



BEAMZ
MADE
EAZY

153.297 V1.1

NUKE3

QUICK START GUIDE

CONTROL MENU

MENU		DESCRIPTION	
DMX ADDR	A001-A512	DMX address setting	
MODE	Protocol	DMX	
		Artnet	
		sACN	
	DMX mode	9 Ch	Select the channel mode for operation
		12 Ch	
		14 Ch	
		25 Ch	
		31 Ch	
		75 Ch	
	98 Ch		
	Slave	Select slave mode	
	Static	000-255	Tilt
		000-255	Tilt Fine
		000-255	Master Dimmer
		000-255	Plate Strobe Dur
		000-255	Plate Strobe
		000-255	Beam Strobe Dur
		000-255	Beam Strobe
		000-255	Plates Red
		000-255	Plates Green
000-255		Platen Blue	
000-255	Beam		
SETTINGS	Display	ON	Display on
		OFF	Display off
	DMX Fail		Hold
			Blackout
			Auto
	Dim Speed		Dim speed mode off
			Dim Speed Mode 1
			Dim Speed Mode 2
			Dim Speed Mode 3
	Pixel Invert	Plate 1 Invert	No/Yes
		Plate 2 Invert	No/Yes
		Tube 1 Invert	No/Yes
		Tube 2 Invert	No/Yes
	LED Array Swap	Plate Swap	No/Yes
		Beam Swap	No/Yes
	Calibrate	000-255	Tilt
	Feedback		On
			Off
	Tilt Rev		On
			Off
Mov Backout		On	
		Off	
Fan Set		Automatic	
		Normal	

		Silent	
LED Frequency		600Hz	
		1200Hz	
		2000Hz	
		4000Hz	
		6000Hz	
White Balance	000-255	Red	
	000-255	Green	
	000-255	Blue	
Test	Function Test	Off	
		On	
Reset		Reset Now	
Factory Reset		Yes	
		No	
Auto Lock		No Lock	
		60 Seconds	
NETWORK SETTING	IP Adress	xxx.xxx.xxx.xxx	
	Subnet Mask	xxx.xxx.xxx.xxx	
	Universe	000-255	ArtNet Universe
		001-255	sACN Universe
SYSTEM INFO	Firmware	Software Version	
		Display: Vxxx	
		CTR-Y: Vxxx	
		CTR1-LED: Vxxx	
		CTR2-LED: Vxxx	
	Fan Speed	xxxRPM	
Error Info		Sensor: Error/OK	
		Tilt Reset: Error/OK	
		LED Sensor: Error/OK	
		Head Fan: Error/OK	
Temperature	LED Temp	LED: xxxC	
	Temp Unit	Fahrenheit	
		Celsius	
Time Info	Power On	XXX (Hours)	
	Last Run Hrs	XXX (Hours)	

DMX CHANNELS

9 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	TILT	000-255	0-100%
2	TILT FINE	000-255	0-100%
3	FROST	000-128	No Function
		129-255	Frost Open
4	MASTER DIMMER	000-255	Master Dimmer 0-100%
		000-009	Open
		010-079	Strobe from slow to fast
		080-149	Pulse from slow to fast
5	STROBE	150-219	Random Strobe from slow to fast
		220-255	Strobe Open
6	RED	000-255	Red 0-100%
7	GREEN	000-255	Green 0-100%
8	BLUE	000-255	Blue 0-100%
9	BEAM DIMMER	000-255	Beam Dimmer 0-100%

12 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	TILT	000-255	0-100%
2	TILT FINE	000-255	0-100%
3	FROST	000-128	No Function
		129-255	Frost Open
4	MASTER DIMMER	000-255	Master Dimmer 0-100%
		000-009	Open
		010-079	Strobe from slow to fast
5	STROBE	080-149	Pulse from slow to fast
		150-219	Random Strobe from slow to fast
6	PIXEL STROBE RED	220-255	Strobe Open
		000-255	Red 0-100%
7	GREEN BLUE BEAM DIMMER	000-255	Green 0-100%
		000-255	Blue 0-100%
		000-255	Beam Dimmer 0-100%
8	BEAM STROBE	000-009	Strobe Open
		010-250	Strobe from slow to fast
		251-255	Strobe Open
9	RED	000-255	Red 0-100%
10	GREEN	000-255	Green 0-100%
11	BLUE	000-255	Blue 0-100%
12	BEAM DIMMER	000-255	Beam Dimmer 0-100%

14 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	TILT	000-255	0-100%
2	TILT FINE	000-255	0-100%
3	FROST	000-128	No Function
		129-255	Frost Open
4	PIXEL DIMMER	000-255	Pixel Dimmer 0-100%
5	BEAM DIMMER	000-255	Beam Dimmer 0-100%

6	PIXEL STROBE DURATION	000-009	Strobe Open
		010-250	Strobe slow to fast (Valid only for Strobe Channel 7)
		251-255	Strobe Open
7	PIXEL STROBE	000-009	Strobe Open
		010-250	Strobe from slow to fast
		251-255	Strobe Open
8	BEAM STROBE DURATION	000-009	Strobe Open
		010-250	Strobe from slow to fast (Valid only for Strobe Channel 9)
		251-255	Strobe Open
9	BEAM STROBE	000-009	Strobe Open
		010-250	Strobe from slow to fast
		251-255	Strobe Open
10	RED	000-255	Red 0-100%
11	GREEN	000-255	Green 0-100%
12	BLUE	000-255	Blue 0-100%
13	BEAM FX SELECT	000-005	No Function
		006-042	Ramp up
		043-085	Ramp down
		086-128	Ramp up-down
		129-172	Random
		173-214	Lighting
		215-255	Spikes
14	DEVICE SETTINGS	000-005	No Function
		006-010	Dimmer speed mode off (hold 5 seconds)
		011-015	Dimmer speed mode 1 (fast) (hold 5 seconds)
		016-020	Dimmer speed mode 2 (middle speed) (hold 5 seconds)
		021-025	Dimmer speed mode 3 (low speed) (hold 5 seconds)
		026-030	LED 600 Hz (hold 5 seconds)
		031-035	LED 1200 Hz (hold 5 seconds)
		036-040	LED 2000 Hz (hold 5 seconds)
		041-045	LED 4000 Hz (hold 5 seconds)
		046-050	LED 6000 Hz (hold 5 seconds)
		051-055	LED 25KHz (hold 5 seconds)
		056-060	Automatic Fan
		061-065	Normal Fan
		066-070	Tilt Reset
		071-075	Pixel 1 invert off
		076-080	Pixel 1 invert on
		081-085	Pixel 2 invert off
		086-090	Pixel 2 invert on
		091-095	Beam 1 invert off
		096-100	Beam 1 invert on
		101-105	Beam 2 invert off
106-110	Beam 2 invert on		
111-115	Pixel swap on		
116-120	Pixel swap off		
121-125	Beam swap on		
126-130	Beam swap off		
131-255	No Function		

25 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	TILT	000-255	0-100%
2	TILT FINE	000-255	0-100%
3	FROST	000-128	No Function
		129-255	Frost Open
4	MASTER DIMMER	000-255	Master Dimmmer 0-100%
5	PIXEL DIMMER	000-255	Pixel Dimmer 0-100%
6	BEAM DIMMER	000-255	Beam Dimmer 0-100%
7	PIXEL STROBE DURATION	000-009	Strobe Open
		010-250	Strobe slow to fast (Valid only for Strobe Channel 8)
		251-255	Strobe Open
8	PIXEL STROBE	000-009	Strobe Open
		010-250	Strobe from slow to fast
		251-255	Strobe Open
9	BEAM STROBE DURATION	000-009	Strobe Open
		010-250	Strobe from slow to fast (Valid only for Strobe Channel 10)
		251-255	Strobe Open
10	BEAM STROBE	000-009	Strobe Open
		010-250	Strobe from slow to fast
		251-255	Strobe Open
11	RED	000-255	Red 0-100%
12	GREEN	000-255	Green 0-100%
13	BLUE	000-255	Blue 0-100%
14	BEAM FX SELECT	000-005	No Function
		006-042	Ramp up
		043-085	Ramp down
		086-128	Ramp up-down
		129-172	Random
		173-214	Lighting
		215-255	Spikes
15	PIXEL FOREGROUND COLOUR MACRO	000-000	No Function
		001-002	White1
		003-004	White2
		005-006	White3
		007-008	White4
		009-010	White5
		011-011	Red:0 Green:0 Blue:255
		012-048	Red:0 Green:+ Blue:255
		049-049	Red:0 Green:255 Blue:255
		050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
		088-124	Red:+ Green:255 Blue:0
		125-125	Red:255 Green:255 Blue:0
		126-162	Red:255 Green:- Blue:0
		163-163	Red:255 Green:0 Blue:0
		164-200	Red:255 Green:0 Blue:+
201-201	Red:255 Green:0 Blue:255		
202-238	Red:- Green:0 Blue:255		
239-239	Red:0 Green:0 Blue:255		

		240-247	Colour index from fast to slow
		248-255	Colour snap from fast to slow
16	PIXEL FOREGROUND DIMMER	000-255	Pixel foreground Dimmer 0-100%
		000-000	No Function
		001-002	White1
		003-004	White2
		005-006	White3
		007-008	White4
		009-010	White5
		011-011	Red:0 Green:0 Blue:255
		012-048	Red:0 Green:+ Blue:255
		049-049	Red:0 Green:255 Blue:255
17	COLOUR MACRO BACKGROUND	050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
		088-124	Red:+ Green:255 Blue:0
		125-125	Red:255 Green:255 Blue:0
		126-162	Red:255 Green:- Blue:0
		163-163	Red:255 Green:0 Blue:0
		164-200	Red:255 Green:0 Blue:+
		201-201	Red:255 Green:0 Blue:255
		202-238	Red:- Green:0 Blue:255
		239-239	Red:0 Green:0 Blue:255
		240-247	Colour index from fast to slow
		248-255	Colour snap from fast to slow
18	BACKGROUND DIMMER	000-255	Background Dimmer 0-100%
		000-002	No Function
		003-003	Pattern 1
		004-004	Pattern 2
		005-005	Pattern 3
	
19	PIXEL 1&2 FX PATTERN	077-077	Pattern 75
		078-078	Pattern 76
		079-079	Pattern 77
		080-255	No Function
		000-005	No Function
20	PIXEL 1&2 PATTERN MOVEMENT	006-124	Pattern movement form left to right and fast to slow
		125-130	No Function
		131-249	Pattern movement from right to left and slow to fast
		250-255	No Function
21	PIXEL 1&2 PATTERN FADE	000-002	No Function
		003-255	Pattern fade duration form slow to fast
		000-002	No Function
		003-003	Pattern 1
		004-004	Pattern 2
		005-005	Pattern 3
22	BEAM FX PATTERN
		142-142	Pattern 110
		143-143	Pattern 111
		144-144	Pattern 112
		145-255	No Function

23	BEAM PATTERN MOVEMENT	000-005	No Function
		006-124	Pattern movement form left to right and fast to slow
		125-130	No Function
		131-249	Pattern movement from right to left and slow to fast
		250-255	No Function
24	BEAM PATTERN MOVEMENT	000-002	No Function
		003-255	Pattern fade duration form slow to fast
25	DEVICE SETTINGS	000-005	No Function
		006-010	Dimmer speed mode off (hold 5 seconds)
		011-015	Dimmer speed mode 1 (fast) (hold 5 seconds)
		016-020	Dimmer speed mode 2 (middle speed) (hold 5 seconds)
		021-025	Dimmer speed mode 3 (low speed) (hold 5 seconds)
		026-030	LED 600 Hz (hold 5 seconds)
		031-035	LED 1200 Hz (hold 5 seconds)
		036-040	LED 2000 Hz (hold 5 seconds)
		041-045	LED 4000 Hz (hold 5 seconds)
		046-050	LED 6000 Hz (hold 5 seconds)
		051-055	LED 25KHz (hold 5 seconds)
		056-060	Automatic Fan
		061-065	Normal Fan
		066-070	Tilt Reset
		071-075	Pixel 1 invert off
		076-080	Pixel 1 invert on
		081-085	Pixel 2 invert off
		086-090	Pixel 2 invert on
		091-095	Beam 1 invert off
		096-100	Beam 1 invert on
101-105	Beam 2 invert off		
106-110	Beam 2 invert on		
111-115	Pixel swap on		
116-120	Pixel swap off		
121-125	Beam swap on		
126-130	Beam swap off		
131-255	No Function		

31 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	TILT	000-255	0-100%
2	TILT FINE	000-255	0-100%
3	FROST	000-128	No Function
		129-255	Frost Open
4	MASTER DIMMER	000-255	Master Dimmmer 0-100%
5	PIXEL DIMMER	000-255	Pixel Dimmer 0-100%
6	BEAM DIMMER	000-255	Beam Dimmer 0-100%
7	PIXEL STROBE DURATION	000-009	Strobe Open
		010-250	Strobe slow to fast (Valid only for Strobe Channel 8)
		251-255	Strobe Open
8	PIXEL STROBE	000-009	Strobe Open
		010-250	Strobe from slow to fast
		251-255	Strobe Open
9	BEAM STROBE	000-009	Strobe Open

	DURATION	010-250	Strobe from slow to fast (Valid only for Strobe Channel 10)
		251-255	Strobe Open
10	BEAM STROBE	000-009	Strobe Open
		010-250	Strobe from slow to fast
		251-255	Strobe Open
11	RED	000-255	Red 0-100%
12	GREEN	000-255	Green 0-100%
13	BLUE	000-255	Blue 0-100%
14	BEAM FX SELECT	000-005	No Function
		006-042	Ramp up
		043-085	Ramp down
		086-128	Ramp up-down
		129-172	Random
		173-214	Lighting
		215-255	Spikes
15	PIXEL FOREGROUND COLOUR MACRO	000-000	No Function
		001-002	White1
		003-004	White2
		005-006	White3
		007-008	White4
		009-010	White5
		011-011	Red:0 Green:0 Blue:255
		012-048	Red:0 Green:+ Blue:255
		049-049	Red:0 Green:255 Blue:255
		050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
		088-124	Red:+ Green:255 Blue:0
		125-125	Red:255 Green:255 Blue:0
		126-162	Red:255 Green:- Blue:0
		163-163	Red:255 Green:0 Blue:0
		164-200	Red:255 Green:0 Blue:+
		201-201	Red:255 Green:0 Blue:255
		202-238	Red:- Green:0 Blue:255
		239-239	Red:0 Green:0 Blue:255
		240-247	Colour index from fast to slow
		248-255	Colour snap from fast to slow
16	PIXEL FOREGROUND DIMMER	000-255	Pixel foreground Dimmer 0-100%
17	COLOUR MACRO BACKGROUND	000-000	No Function
		001-002	White1
		003-004	White2
		005-006	White3
		007-008	White4
		009-010	White5
		011-011	Red:0 Green:0 Blue:255
		012-048	Red:0 Green:+ Blue:255
		049-049	Red:0 Green:255 Blue:255
		050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
		088-124	Red:+ Green:255 Blue:0
		125-125	Red:255 Green:255 Blue:0

126-162	Red:255 Green:- Blue:0
163-163	Red:255 Green:0 Blue:0
164-200	Red:255 Green:0 Blue:+
201-201	Red:255 Green:0 Blue:255
202-238	Red:- Green:0 Blue:255
239-239	Red:0 Green:0 Blue:255
240-247	Colour index from fast to slow
248-255	Colour snap from fast to slow

18	** Pixel and Beam pattern can be found at the end of the manual.	BACKGROUND DIMMER	000-255	Background Dimmer 0-100%
19	PIXEL FX PLATE 1		000-002	No Function
			003-003	Pattern 1
			004-004	Pattern 2
			005-005	Pattern 3
		
			077-077	Pattern 75
			078-078	Pattern 76
			079-079	Pattern 77
			080-255	No Function
		20	PIXEL PATTERN MOVEMENT	
	006-124			Pattern movement plate 1 form left to right and fast to slow
	125-130			No Function
	131-249			Pattern movement plate 1 from right to left and slow to fast
	250-255			No Function
21	PIXEL PATTERN FADE		000-002	No Function
			003-255	Pattern fade plate 1 duration form slow to fast
22	PIXEL FX PLATE 2		000-002	No Function
			003-003	Pattern 1
			004-004	Pattern 2
			005-005	Pattern 3
		
			077-077	Pattern 75
			078-078	Pattern 76
			079-079	Pattern 77
			080-255	No Function
		23	PIXEL PATTERN MOVEMENT	
	006-124			Pattern movement plate 2 form left to right and fast to slow
	125-130			No Function
	131-249			Pattern movement plate 2 from right to left and slow to fast
24	PIXEL PATTERN FADE		000-002	No Function
			003-255	Pattern fade plate 2 duration form slow to fast
25	BEAM1 FX PATTERN		000-002	No Function
			003-003	Pattern 1
			004-004	Pattern 2
			005-005	Pattern 3
		
			142-142	Pattern 110

		143-143	Pattern 111
		144-144	Pattern 112
		145-255	No Function
26	BEAM 1 PATTERN MOVEMENT	000-005	No Function
		006-124	Pattern movement form left to right and fast to slow
		125-130	No Function
		131-249	Pattern movement from right to left and slow to fast
		250-255	No Function
27	BEAM 1 PATTERN FADE	000-002	No Function
		003-255	Pattern fade duration form slow to fast
28	BEAM 2 FX PATTERN	000-002	No Function
		003-003	Pattern 1
		004-004	Pattern 2
		005-005	Pattern 3
	
28	BEAM 2 FX PATTERN	142-142	Pattern 110
		143-143	Pattern 111
		144-144	Pattern 112
		145-255	No Function
29	BEAM 2 PATTERN MOVEMENT	000-005	No Function
		006-124	Pattern movement form left to right and fast to slow
		125-130	No Function
		131-249	Pattern movement from right to left and slow to fast
		250-255	No Function
30	BEAM 2 PATTERN FADE	000-002	No Function
		003-255	Pattern fade duration form slow to fast
31	DEVICE SETTINGS	000-005	No Function
		006-010	Dimmer speed mode off (hold 5 seconds)
		011-015	Dimmer speed mode 1 (fast) (hold 5 seconds)
		016-020	Dimmer speed mode 2 (middle speed) (hold 5 seconds)
		021-025	Dimmer speed mode 3 (low speed) (hold 5 seconds)
		026-030	LED 600 Hz (hold 5 seconds)
		031-035	LED 1200 Hz (hold 5 seconds)
		036-040	LED 2000 Hz (hold 5 seconds)
		041-045	LED 4000 Hz (hold 5 seconds)
		046-050	LED 6000 Hz (hold 5 seconds)
		051-055	LED 25KHz (hold 5 seconds)
		056-060	Automatic Fan
		061-065	Normal Fan
		066-070	Tilt Reset
		071-075	Pixel 1 invert off
		076-080	Pixel 1 invert on
		081-085	Pixel 2 invert off
086-090	Pixel 2 invert on		
091-095	Beam 1 invert off		
096-100	Beam 1 invert on		
101-105	Beam 2 invert off		
106-110	Beam 2 invert on		
111-115	Pixel swap on		
116-120	Pixel swap off		

121-125	Beam swap on
126-130	Beam swap off
131-255	No Function

75 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	TILT	000-255	0-100%
2	TILT FINE	000-255	0-100%
3	FROST	000-128	No Function
		129-255	Frost Open
4	MASTER DIMMER	000-255	Master Dimmer 0-100%
5	STROBE	000-009	Open
		010-079	Strobe from slow to fast
		080-149	Pulse from slow to fast
		150-219	Random Strobe from slow to fast
6	PIXEL RED	000-255	Segment 1 Dimmer Red (0-100%)
7	PIXEL GREEN	000-255	Segment 1 Dimmer Green (0-100%)
8	PIXEL BLUE	000-255	Segment 1 Dimmer Blue (0-100%)
9	PIXEL RED	000-255	Segment 2 Dimmer Red (0-100%)
10	PIXEL GREEN	000-255	Segment 2 Dimmer Green (0-100%)
11	PIXEL BLUE	000-255	Segment 2 Dimmer Blue (0-100%)
12	PIXEL RED	000-255	Segment 3 Dimmer Red (0-100%)
13	PIXEL GREEN	000-255	Segment 3 Dimmer Green (0-100%)
14	PIXEL BLUE	000-255	Segment 3 Dimmer Blue (0-100%)
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39	PIXEL RED	000-255	Segment 12 Dimmer Red (0-100%)
40	PIXEL GREEN	000-255	Segment 12 Dimmer Green (0-100%)
41	PIXEL BLUE	000-255	Segment 12 Dimmer Blue (0-100%)
42	PIXEL RED	000-255	Segment 13 Dimmer Red (0-100%)
43	PIXEL GREEN	000-255	Segment 13 Dimmer Green (0-100%)
44	PIXEL BLUE	000-255	Segment 13 Dimmer Blue (0-100%)
45	PIXEL RED	000-255	Segment 14 Dimmer Red (0-100%)
46	PIXEL GREEN	000-255	Segment 14 Dimmer Green (0-100%)
47	PIXEL BLUE	000-255	Segment 14 Dimmer Blue (0-100%)
48	BEAM WHITE	000-255	Segment 1 Dimmer White (0-100)
49	BEAM WHITE	000-255	Segment 2 Dimmer White (0-100)
50	BEAM WHITE	000-255	Segment 3 Dimmer White (0-100)
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73	BEAM WHITE	000-255	Segment 26 Dimmer White (0-100)
74	BEAM WHITE	000-255	Segment 27 Dimmer White (0-100)
75	BEAM WHITE	000-255	Segment 28 Dimmer White (0-100)

98 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	TILT	000-255	0-100%
2	TILT FINE	000-255	0-100%
3	FROST	000-128	No Function
		129-255	Frost Open
4	MASTER DIMMER	000-255	Master Dimmer 0-100%
5	PIXEL DIMMER	000-255	Pixel Dimmer 0-100%
6	BEAM DIMMER	000-255	Beam Dimmer 0-100%

7	PIXEL STROBE DURATION	000-009	Strobe Open
		010-250	Strobe slow to fast (Valid only for Strobe Channel 8)
		251-255	Strobe Open
8	PIXEL STROBE	000-009	Strobe Open
		010-250	Strobe from slow to fast
		251-255	Strobe Open
9	BEAM STROBE DURATION	000-009	Strobe Open
		010-250	Strobe from slow to fast (Valid only for Strobe Channel 10)
		251-255	Strobe Open
10	BEAM STROBE	000-009	Strobe Open
		010-250	Strobe from slow to fast
		251-255	Strobe Open
11	PIXEL RED	000-255	Segment 1 Dimmer Red (0-100%)
12	PIXEL GREEN	000-255	Segment 1 Dimmer Green (0-100%)
13	PIXEL BLUE	000-255	Segment 1 Dimmer Blue (0-100%)
14	PIXEL RED	000-255	Segment 2 Dimmer Red (0-100%)
15	PIXEL GREEN	000-255	Segment 2 Dimmer Green (0-100%)
16	PIXEL BLUE	000-255	Segment 2 Dimmer Blue (0-100%)
17	PIXEL RED	000-255	Segment 3 Dimmer Red (0-100%)
18	PIXEL GREEN	000-255	Segment 3 Dimmer Green (0-100%)
19	PIXEL BLUE	000-255	Segment 3 Dimmer Blue (0-100%)
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44	PIXEL RED	000-255	Segment 12 Dimmer Red (0-100%)
45	PIXEL GREEN	000-255	Segment 12 Dimmer Green (0-100%)
46	PIXEL BLUE	000-255	Segment 12 Dimmer Blue (0-100%)
47	PIXEL RED	000-255	Segment 13 Dimmer Red (0-100%)
48	PIXEL GREEN	000-255	Segment 13 Dimmer Green (0-100%)
49	PIXEL BLUE	000-255	Segment 13 Dimmer Blue (0-100%)
50	PIXEL RED	000-255	Segment 14 Dimmer Red (0-100%)
51	PIXEL GREEN	000-255	Segment 14 Dimmer Green (0-100%)
52	PIXEL BLUE	000-255	Segment 14 Dimmer Blue (0-100%)
53	BEAM WHITE	000-255	Segment 1 Dimmer White (0-100)
54	BEAM WHITE	000-255	Segment 2 Dimmer White (0-100)
55	BEAM WHITE	000-255	Segment 3 Dimmer White (0-100)
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78	BEAM WHITE	000-255	Segment 26 Dimmer White (0-100)
79	BEAM WHITE	000-255	Segment 27 Dimmer White (0-100)
80	BEAM WHITE	000-255	Segment 28 Dimmer White (0-100)
81	BEAM FX SELECT	000-005	No Function
		006-042	Ramp up
		043-085	Ramp down
		086-128	Ramp up-down
		129-172	Random
		173-214	Lighting
		215-255	Spikes
82	PIXEL FOREGROUND COLOUR MACRO	000-000	No Function
		001-002	White1
		003-004	White2
		005-006	White3
		007-008	White4

		009-010	White5
		011-011	Red:0 Green:0 Blue:255
		012-048	Red:0 Green:+ Blue:255
		049-049	Red:0 Green:255 Blue:255
		050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
		088-124	Red:+ Green:255 Blue:0
		125-125	Red:255 Green:255 Blue:0
		126-162	Red:255 Green:- Blue:0
		163-163	Red:255 Green:0 Blue:0
		164-200	Red:255 Green:0 Blue:+
		201-201	Red:255 Green:0 Blue:255
		202-238	Red:- Green:0 Blue:255
		239-239	Red:0 Green:0 Blue:255
		240-247	Colour index from fast to slow
		248-255	Colour snap from fast to slow
83	PIXEL FOREGROUND DIMMER	000-255	Pixel foreground Dimmer 0-100%
		000-000	No Function
		001-002	White1
		003-004	White2
		005-006	White3
		007-008	White4
		009-010	White5
		011-011	Red:0 Green:0 Blue:255
		012-048	Red:0 Green:+ Blue:255
		049-049	Red:0 Green:255 Blue:255
		050-086	Red:0 Green:255 Blue:-
		087-087	Red:0 Green:255 Blue:0
		088-124	Red:+ Green:255 Blue:0
		125-125	Red:255 Green:255 Blue:0
		126-162	Red:255 Green:- Blue:0
		163-163	Red:255 Green:0 Blue:0
		164-200	Red:255 Green:0 Blue:+
		201-201	Red:255 Green:0 Blue:255
		202-238	Red:- Green:0 Blue:255
		239-239	Red:0 Green:0 Blue:255
		240-247	Colour index from fast to slow
		248-255	Colour snap from fast to slow
84	COLOUR MACRO BACKGROUND	000-255	Background Dimmer 0-100%
		000-002	No Function
		003-003	Pattern 1
		004-004	Pattern 2
		005-005	Pattern 3
	
		077-077	Pattern 75
		078-078	Pattern 76
		079-079	Pattern 77
		080-255	No Function
85	BACKGROUND DIMMER	000-255	Background Dimmer 0-100%
		000-002	No Function
		003-003	Pattern 1
		004-004	Pattern 2
		005-005	Pattern 3
86	PIXEL FX PLATE 1
		077-077	Pattern 75
		078-078	Pattern 76
		079-079	Pattern 77
		080-255	No Function
87	PIXEL PATTERN MOVEMENT	000-005	No Function
		006-124	Pattern movement plate 1 form left to right and fast to slow

		125-130	No Function
		131-249	Pattern movement plate 1 from right to left and slow to fast
88	PIXEL PATTERN FADE	000-002	No Function
		003-255	Pattern fade plate 1 duration form slow to fast
89	PIXEL FX PLATE 2	000-002	No Function
		003-003	Pattern 1
		004-004	Pattern 2
		005-005	Pattern 3
	
		077-077	Pattern 75
		078-078	Pattern 76
		079-079	Pattern 77
90	PIXEL PATTERN MOVEMENT	000-005	No Function
		006-124	Pattern movement plate 2 form left to right and fast to slow
		125-130	No Function
		131-249	Pattern movement plate 2 from right to left and slow to fast
91	PIXEL PATTERN FADE	000-002	No Function
		003-255	Pattern fade plate 2 duration form slow to fast
92	BEAM 1 FX PATTERN	000-002	No Function
		003-003	Pattern 1
		004-004	Pattern 2
		005-005	Pattern 3
	
		142-142	Pattern 110
		143-143	Pattern 111
		144-144	Pattern 112
93	BEAM 1 PATTERN MOVEMENT	000-005	No Function
		006-124	Pattern movement form left to right and fast to slow
		125-130	No Function
		131-249	Pattern movement from right to left and slow to fast
		250-255	No Function
94	BEAM 1 PATTERN FADE	000-002	No Function
		003-255	Pattern fade duration form slow to fast
95	BEAM 2 FX PATTERN	000-002	No Function
		003-003	Pattern 1
		004-004	Pattern 2
		005-005	Pattern 3
	
		142-142	Pattern 110
		143-143	Pattern 111
		144-144	Pattern 112
96	BEAM 2 PATTERN MOVEMENT	000-005	No Function
		006-124	Pattern movement form left to right and fast to slow
		125-130	No Function
		131-249	Pattern movement from right to left and slow to fast
97	BEAM 2 PATTERN FADE	000-002	No Function
		003-255	Pattern fade duration form slow to fast

98

DEVICE SETTINGS

000-005	No Function
006-010	Dimmer speed mode off (hold 5 seconds)
011-015	Dimmer speed mode 1 (fast) (hold 5 seconds)
016-020	Dimmer speed mode 2 (middle speed) (hold 5 seconds)
021-025	Dimmer speed mode 3 (low speed) (hold 5 seconds)
026-030	LED 600 Hz (hold 5 seconds)
031-035	LED 1200 Hz (hold 5 seconds)
036-040	LED 2000 Hz (hold 5 seconds)
041-045	LED 4000 Hz (hold 5 seconds)
046-050	LED 6000 Hz (hold 5 seconds)
051-055	LED 25KHz (hold 5 seconds)
056-060	Automatic Fan
061-065	Normal Fan
066-070	Tilt Reset
071-075	Pixel 1 invert off
076-080	Pixel 1 invert on
081-085	Pixel 2 invert off
086-090	Pixel 2 invert on
091-095	Beam 1 invert off
096-100	Beam 1 invert on
101-105	Beam 2 invert off
106-110	Beam 2 invert on
111-115	Pixel swap on
116-120	Pixel swap off
121-125	Beam swap on
126-130	Beam swap off
131-255	No Function

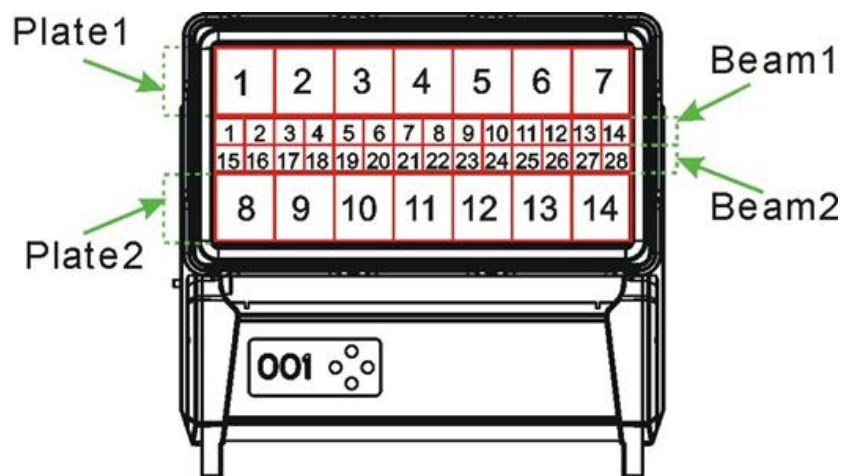


Plate Patterns

000- 002		022		042		062	
003		023		043		063	
004		024		044		064	
005		025		045		065	
006		026		046		066	
007		027		047		067	
008		028		048		068	
009		029		049		069	
010		030		050		070	
011		031		051		071	
012		032		052		072	
013		033		053		073	
014		034		054		074	
015		035		055		075	
016		036		056		076	
017		037		057		077	
018		038		058		078	
019		039		059		079	
020		040		060		080- 255	
021		041		061			

Beam Patterns

000 002		031		060		089		118	
003		032		061		090		119	
004		033		062		091		120	
005		034		063		092		121	
006		035		064		093		122	
007		036		065		094		123	
008		037		066		095		124	
009		038		067		096		125	
010		039		068		097		126	
011		040		069		098		127	
012		041		070		099		128	
013		042		071		100		129	
014		043		072		101		130	
015		044		073		102		131	
016		045		074		103		132	
017		046		075		104		133	
018		047		076		105		134	
019		048		077		106		135	
020		049		078		107		136	
021		050		079		108		137	
022		051		080		109		138	
023		052		081		110		139	
024		053		082		111		140	
025		054		083		112		141	
026		055		084		113		142	
027		056		085		114		143	
028		057		086		115		144	
029		058		087		116		145 255	
030		059		088		117			





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