

# SUNBLAST 3000 FC

## DMX CONTROL

### BASIC STATIC

MODE 4 Ch	FUNCTION	DMX Value
1	<b>RED</b> 0~100%	000 - 255
2	<b>GREEN</b> 0~100%	000 - 255
3	<b>BLUE</b> 0~100%	000 - 255
4	<b>WHITE</b> 0~100%	000 - 255

### BASIC STROBE

MODE 4 Ch	FUNCTION	DMX Value
1	<b>DIMMER</b> Blackout Min to Max	000 - 005 006 - 255
2	<b>FLASH DURATION</b> 0-990ms	000 - 255
3	<b>FLASH RATE</b> No Flash Strobe slow to fast	000 - 010 011 - 255
4	<b>FLASH FX</b> No effect Static Ramp up Ramp down Ramp up-down Random Lighting Spikes	000 - 002 003 - 005 006 - 042 043 - 085 086 - 128 129 - 171 172 - 214 215 - 255

### BASIC PIXEL

MODE 192 Ch	FUNCTION	DMX Value
1	<b>PIXEL 1 RED</b> 0~100%	000 - 255
2	<b>PIXEL 1 GREEN</b> 0~100%	000 - 255
3	<b>PIXEL 1 BLUE</b> 0~100%	000 - 255
4	<b>PIXEL 1 WHITE</b> 0~100%	000 - 255
	.....	
189	<b>PIXEL 48 RED</b> 0~100%	000 - 255
190	<b>PIXEL 48 GREEN</b> 0~100%	000 - 255
191	<b>PIXEL 48 BLUE</b> 0~100%	000 - 255
192	<b>PIXEL 48 WHITE</b> 0~100%	000 - 255

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## BASIC RGBW STROBE

MODE 8 Ch	FUNCTION	DMX Value
1	<b>RED</b> 0~100%	000 - 255
2	<b>GREEN</b> 0~100%	000 - 255
3	<b>BLUE</b> 0~100%	000 - 255
4	<b>WHITE</b> 0~100%	000 - 255
5	<b>DIMMER</b> Blackout Min to Max	000 - 005 006 - 255
6	<b>FLASH DURATION</b> 0-990ms	000 - 255
7	<b>FLASH RATE</b> No Flash Strobe slow to fast	000 - 005 011 - 255
8	<b>FLASH FX</b> No effect Static Ramp up Ramp down Ramp up-down Random Lighting Spikes	000 - 002 003 - 005 006 - 042 043 - 085 086 - 128 129 - 171 172 - 214 215 - 255

## BASIC 16 STATIC

MODE 8 Ch	FUNCTION	DMX Value
1	<b>RED</b> 0~100%	000 - 255
2	<b>RED FINE</b> 0~100%	000 - 255
3	<b>GREEN</b> 0~100%	000 - 255
4	<b>GREEN FINE</b> 0~100%	000 - 255
5	<b>BLUE</b> 0~100%	000 - 255
6	<b>BLUE FINE</b> 0~100%	000 - 255
7	<b>WHITE</b> 0~100%	000 - 255
8	<b>WHITE FINE</b> 0~100%	000 - 255

## BASIC 16 STROBE

MODE 5 Ch	FUNCTION	DMX Value
1	<b>DIMMER</b> Blackout Min to Max	000 - 005 006 - 255
2	<b>DIMMER FINE</b> Dimmer fine	000 - 255
3	<b>FLASH DURATION</b> 0-990ms	000 - 255
4	<b>FLASH RATE</b> No Flash Strobe slow to fast	000 - 005 011 - 255
5	<b>FLASH FX</b> No effect Static Ramp up Ramp down Ramp up-down Random Lighting Spikes	000 - 002 003 - 005 006 - 042 043 - 085 086 - 128 129 - 171 172 - 214 215 - 255

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## BASIC16 - PIXELS 16

MODE 384 Ch	FUNCTION	DMX Value
1	<b>PIXEL 1 RED</b> 0~100%	000 - 255
2	<b>PIXEL 1 RED FINE</b> 0~100%	000 - 255
3	<b>PIXEL 1 GREEN</b> 0~100%	000 - 255
4	<b>PIXEL 1 GREEN FINE</b> 0~100%	000 - 255
5	<b>PIXEL 1 BLUE</b> 0~100%	000 - 255
6	<b>PIXEL 1 BLUE FINE</b> 0~100%	000 - 255
7	<b>PIXEL 1 WHITE</b> 0~100%	000 - 255
8	<b>PIXEL 1 WHITE FINE</b> 0~100%	000 - 255
...	.....	...
377	<b>PIXEL 48 RED</b> 0~100%	000 - 255
378	<b>PIXEL 48 RED FINE</b> 0~100%	000 - 255
379	<b>PIXEL 48 GREEN</b> 0~100%	000 - 255
380	<b>PIXEL 48 GREEN FINE</b> 0~100%	000 - 255
381	<b>PIXEL 48 BLUE</b> 0~100%	000 - 255
382	<b>PIXEL 48 BLUE FINE</b> 0~100%	000 - 255
383	<b>PIXEL 48 WHITE</b> 0~100%	000 - 255
384	<b>PIXEL 48 WHITE FINE</b> 0~100%	000 - 255

## BASIC16 - RGBW STROBE

MODE 13 Ch	FUNCTION	DMX Value
1	<b>RED</b> 0~100%	000 - 255
2	<b>RED FINE</b> 0~100%	000 - 255
3	<b>GREEN</b> 0~100%	000 - 255
4	<b>GREEN FINE</b> 0~100%	000 - 255
5	<b>BLUE</b> 0~100%	000 - 255
6	<b>BLUE FINE</b> 0~100%	000 - 255
7	<b>WHITE</b> 0~100%	000 - 255
8	<b>WHITE FINE</b> 0~100%	000 - 255
9	<b>DIMMER</b> Blackout Min to Max	000 - 005 006 - 255
10	<b>DIMMER FINE</b> Dimmer fine	000 - 255
11	<b>FLASH DURATION</b> 0-990ms	000 - 255
12	<b>FLASH RATE</b> No Flash Strobe slow to fast	000 - 005 011 - 255
13	<b>FLASH FX</b> No effect Static Ramp up Ramp down Ramp up-down Random Lighting Spikes	000 - 002 003 - 005 006 - 042 043 - 085 086 - 128 129 - 171 172 - 214 215 - 255

## PIXELS - PIXELS

MODE	DMX	Artnet+DMX		FUNCTION	DMX Value
Ch	Artnet	Artnet	DMX		
1	1	/	1	<b>DIMMER</b> Blackout Min to Max	000 - 005 006 - 255
	2	/	2	<b>FLASH DURATION</b> 0-990ms	000 - 255
	3	/	3	<b>FLASH RATE</b> No Flash Strobe slow to fast	000 - 010 011 - 255
	4	/	4	<b>FLASH FX</b> No effect Static Ramp up Ramp down Ramp up-down Random Lighting Spikes	000 - 002 003 - 005 006 - 042 043 - 085 086 - 128 129 - 171 172 - 214 215 - 255
	5	1	/	<b>PIXEL 1 RED</b> 0~100%	000 - 255
	6	2	/	<b>PIXEL 1 GREEN</b> 0~100%	000 - 255
	7	3	/	<b>PIXEL 1 BLUE</b> 0~100%	000 - 255
	8	4	/	<b>PIXEL 1 WHITE</b> 0~100%	000 - 255
2	9	5	/	<b>PIXEL 2 RED</b> 0~100%	000 - 255
	10	6	/	<b>PIXEL 2 GREEN</b> 0~100%	000 - 255
	11	7	/	<b>PIXEL 2 BLUE</b> 0~100%	000 - 255
	12	8	/	<b>PIXEL 2 WHITE</b> 0~100%	000 - 255
3	13	9	/	<b>PIXEL 3 RED</b> 0~100%	000 - 255
	14	10	/	<b>PIXEL 3 GREEN</b> 0~100%	000 - 255
	15	11		<b>PIXEL 3 BLUE</b> 0~100%	000 - 255
	16	12	/	<b>PIXEL 3 WHITE</b> 0~100%	000 - 255

## PIXELS - PIXELS

MODE Ch	DMX Artnet	Artnet+DMX Artnet   DMX		FUNCTION	DMX Value
12	17	13	/	<b>PIXEL 4 RED</b> 0~100%	000 - 255
	18	14		<b>PIXEL 4 GREEN</b> 0~100%	000 - 255
	19	15	/	<b>PIXEL 4 BLUE</b> 0~100%	000 - 255
	20	16	/	<b>PIXEL 4 WHITE</b> 0~100%	000 - 255
	...			.....	...
	49	45	/	<b>PIXEL 12 RED</b> 0~100%	000 - 255
	50	46		<b>PIXEL 12 GREEN</b> 0~100%	000 - 255
	51	47	/	<b>PIXEL 12 BLUE</b> 0~100%	000 - 255
	52	48	/	<b>PIXEL 12 WHITE</b> 0~100%	000 - 255
48	53	49	/	<b>PIXEL 13 RED</b> 0~100%	000 - 255
	54	50	/	<b>PIXEL 13 GREEN</b> 0~100%	000 - 255
	55	51	/	<b>PIXEL 13 BLUE</b> 0~100%	000 - 255
	56	52	/	<b>PIXEL 13 WHITE</b> 0~100%	000 - 255
	...			.....	...
	193	189	/	<b>PIXEL 48 RED</b> 0~100%	000 - 255
	194	190	/	<b>PIXEL 48 GREEN</b> 0~100%	000 - 255
	195	191	/	<b>PIXEL 48 BLUE</b> 0~100%	000 - 255
	196	192	/	<b>PIXEL 48 WHITE</b> 0~100%	000 - 255

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## ADVANCED - ADVANCED 1

CHANNEL	FUNCTION	DMX Value
1	<b>FLASH DIMMER</b> Strobe dimmer	000 - 255
2	<b>FLASH STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	000 - 030 031 - 100 101 - 130 131 - 200 201 - 255
3	<b>FLASH RED</b> 0~100%	000 - 255
4	<b>FLASH GREEN</b> 0~100%	000 - 255
5	<b>FLASH BLUE</b> 0~100%	000 - 255
6	<b>FLASH WHITE</b> 0~100%	000 - 255
7	<b>BG DIMMER</b> Strobe dimmer	000 - 255
8	<b>BG STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	000 - 030 031 - 100 101 - 130 131 - 200 201 - 255
9	<b>BG RED</b> 0~100%	000 - 255
10	<b>BG GREEN</b> 0~100%	000 - 255
11	<b>BG BLUE</b> 0~100%	000 - 255
12	<b>BG WHITE</b> 0~100%	000 - 255

## ADVANCED - ADVANCED 1

CHANNEL	FUNCTION	DMX Value
13	<b>AUTO FX</b> No Function FX 1 FX 2 FX 3 FX 4 FX 5 FX 6 FX 7 FX 8 FX 9 FX 10 FX 11 FX 12 FX 13 FX 14 FX 15 FX 16 FX 17 FX 18 FX 19 FX 20 FX 21 FX 22 FX 23 RESERVED (TBD) Random pixel (with density)	000 - 010 011 - 015 016 - 020 021 - 025 026 - 030 031 - 035 036 - 040 041 - 045 046 - 050 051 - 055 056 - 060 061 - 065 066 - 070 071 - 075 076 - 080 081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 205 206 - 255
14	<b>FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
15	<b>DIMMER</b> From MENU Mode OFF Mode 1 Mode 2 Mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

## ADVANCED - ADVANCED 2

DMX	Artnet+DMX		FUNCTION	DMX Value
	Artnet	DMX		
1	/	1	<b>FLASH DIMMER</b> Strobe dimmer	000 - 255
2		2	<b>FLASH STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	000 - 030 031 - 100 101 - 130 131 - 200 201- 255
3	/	3	<b>BG DIMMER</b> Strobe dimmer	000 - 255
4	/	4	<b>BG STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	000 - 030 031 - 100 101 - 130 131 - 200 201- 255
5	/	5	<b>BG RED</b> 0~100%	000 - 255
6	/	6	<b>BG GREEN</b> 0~100%	000 - 255
7	/	7	<b>BG BLUE</b> 0~100%	000 - 255
8	/	8	<b>BG WHITE</b> 0~100%	000 - 255
9	/	9	<b>AUTO FX</b> No Function FX 1 FX 2 FX 3 FX 4 FX 5 FX 6 FX 7 FX 8 FX 9 FX 10 FX 11 FX 12 FX 13 FX 14 FX 15 FX 16 FX 17 FX 18 FX 19 FX 20 FX 21 FX 22 FX 23 RESERVED (TBD) Random pixel (with density)	000 - 010 011 - 015 016 - 020 021 - 025 026 - 030 031 - 035 036 - 040 041 - 045 046 - 050 051 - 055 056 - 060 061 - 065 066 - 070 071 - 075 076 - 080 081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 205 206 - 255

ADVANCED - ADVANCED 2

DMX Artnet	Artnet+DMX		FUNCTION	DMX Value
	Artnet	DMX		
10	/	10	<b>FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
11	/	11	<b>DIMMER</b> From MENU Mode OFF Mode 1 Mode 2 Mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255
12	1	/	<b>PIXEL 1 RED</b> 0~100%	000 - 255
13	2	/	<b>PIXEL 1 GREEN</b> 0~100%	000 - 255
14	3	/	<b>PIXEL 1 BLUE</b> 0~100%	000 - 255
15	4	/	<b>PIXEL 1WHITE</b> 0~100%	000 - 255
...			.....	...
200	189	/	<b>PIXEL 48 RED</b> 0~100%	000 - 255
201	190	/	<b>PIXEL 48 GREEN</b> 0~100%	000 - 255
202	191	/	<b>PIXEL 48 BLUE</b> 0~100%	000 - 255
203	192	/	<b>PIXEL 48 WHITE</b> 0~100%	000 - 255



## ADVANCED - ADVANCED 3

CHANNEL	BASIC FUNCTION	FUNCTION WITH L2 FX	DMX Value
1	<b>FLASH DIMMER</b> Strobe dimmer	<b>LAYER2 DIMMER</b> Strobe dimmer	000 - 255
2	<b>FLASH STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	<b>LAYER2 STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	000 - 030 031 - 100 101 - 130 131 - 200 201- 255
3	<b>FLASH RED</b> 0~100%	<b>LAYER2 RED</b> 0~100%	000 - 255
4	<b>FLASH GREEN</b> 0~100%	<b>LAYER2 GREEN</b> 0~100%	000 - 255
5	<b>FLASH BLUE</b> 0~100%	<b>LAYER2 BLUE</b> 0~100%	000 - 255
6	<b>FLASH WHITE</b> 0~100%	<b>LAYER2 WHITE</b> 0~100%	000 - 255
7	<b>BG DIMMER</b> Strobe dimmer		000 - 255
8	<b>BG STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open		000 - 030 031 - 100 101 - 130 131 - 200 201- 255
9	<b>BG RED</b> 0~100%		000 - 255
10	<b>BG GREEN</b> 0~100%		000 - 255
11	<b>BG BLUE</b> 0~100%		000 - 255
12	<b>BG WHITE</b> 0~100%		000 - 255

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## ADVANCED - ADVANCED 3

CHANNEL	FUNCTION	DMX Value
13	<b>LAYER1 DIMMER</b> Strobe dimmer	000 - 255
14	<b>LAYER1 STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	000 - 030 031 - 100 101 - 130 131 - 200 201 - 255
15	<b>LAYER1 RED</b> 0~100%	000 - 255
16	<b>LAYER1 GREEN</b> 0~100%	000 - 255
17	<b>LAYER1 BLUE</b> 0~100%	000 - 255
18	<b>LAYER1 WHITE</b> 0~100%	000 - 255
19	<b>LAYER1 FX</b> No Function FX 1 FX 2 FX 3 FX 4 FX 5 FX 6 FX 7 FX 8 FX 9 FX 10 FX 11 FX 12 FX 13 FX 14 FX 15 FX 16 FX 17 FX 18 FX 19 FX 20 FX 21 FX 22 FX 23 RESERVED (TBD) Random pixel (with density)	000 - 010 011 - 015 016 - 020 021 - 025 026 - 030 031 - 035 036 - 040 041 - 045 046 - 050 051 - 055 056 - 060 061 - 065 066 - 070 071 - 075 076 - 080 081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 205 206 - 255

## ADVANCED - ADVANCED 3

CHANNEL	FUNCTION	DMX Value
20	<b>LAYER1 FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
21	<b>LAYER1 FX OFFSET</b> Continuous start selection Random distribution	000 - 200 201 - 255
22	<b>LAYER2 FX</b> No Function FX 1 FX 2 FX 3 FX 4 FX 5 FX 6 FX 7 FX 8 FX 9 FX 10 FX 11 FX 12 FX 13 FX 14 FX 15 FX 16 FX 17 FX 18 FX 19 FX 20 FX 21 FX 22 FX 23 RESERVED (TBD) Random pixel (with density)	000 - 010 011 - 015 016 - 020 021 - 025 026 - 030 031 - 035 036 - 040 041 - 045 046 - 050 051 - 055 056 - 060 061 - 065 066 - 070 071 - 075 076 - 080 081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 205 206 - 255
23	<b>LAYER2 FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
24	<b>LAYER2 FX OFFSET</b> Continuous start selection Random distribution	000 - 200 201 - 255
25	<b>EMPTY</b>	000 - 255
26	<b>EMPTY</b>	000 - 255
27	<b>DIMMER MODE</b> From MENU Mode OFF Mode 1 Mode 2 Mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

## ADVANCED - ADVANCED 4

Artnet DMX	Artnet+DMX Artnet	DMX	BASIC FUNCTION	FUNCTION WITH L2 FX	DMX Value
1	/	1	<b>FLASH DIMMER</b> Strobe dimmer	<b>LAYER2 DIMMER</b> Strobe dimmer	000 - 255
2	/	2	<b>FLASH STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	<b>LAYER2 STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	000 - 030 031 - 100 101 - 130 131 - 200 201- 255
3	1		<b>FLASH 1 RED</b> 0~100%	<b>LAYER2 1 RED</b> 0~100%	000 - 255
4	2		<b>FLASH 1 GREEN</b> 0~100%	<b>LAYER2 1 GREEN</b> 0~100%	000 - 255
5	3		<b>FLASH 1 BLUE</b> 0~100%	<b>LAYER2 1 BLUE</b> 0~100%	000 - 255
6	4		<b>FLASH 1 WHITE</b> 0~100%	<b>LAYER2 1 WHITE</b> 0~100%	000 - 255
...	...		.....	.....	
191	189		<b>FLASH 48 RED</b> 0~100%	<b>LAYER2 48 RED</b> 0~100%	000 - 255
192	190		<b>FLASH 48 GREEN</b> 0~100%	<b>LAYER2 48 GREEN</b> 0~100%	000 - 255
193	191		<b>FLASH 48 BLUE</b> 0~100%	<b>LAYER2 48 BLUE</b> 0~100%	000 - 255
194	192		<b>FLASH 48 WHITE</b> 0~100%	<b>LAYER2 48 WHITE</b> 0~100%	000 - 255
195	/	3	<b>BG DIMMER</b> Strobe dimmer		000 - 255
196	/	4	<b>BG STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open		000 - 030 031 - 100 101 - 130 131 - 200 201- 255
197	/	5	<b>BG RED</b> 0~100%		000 - 255
198	/	6	<b>BG GREEN</b> 0~100%		000 - 255
199	/	7	<b>BG BLUE</b> 0~100%		000 - 255

## ADVANCED - ADVANCED 4

Artnet DMX	Artnet+DMX Artnet	DMX	BASIC FUNCTION	FUNCTION WITH L2 FX	DMX Value
200		8	<b>BG WHITE</b> 0~100%		000 - 255
201	/	9	<b>LAYER1 DIMMER</b> Strobe dimmer		000 - 255
202	/	10	<b>LAYER1 STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open		000 - 030 031 - 100 101 - 130 131 - 200 201 - 255
203	/	11	<b>LAYER1 RED</b> 0~100%		000 - 255
204	/	12	<b>LAYER1 GREEN</b> 0~100%		000 - 255
205	/	13	<b>LAYER1 BLUE</b> 0~100%		000 - 255
206	/	14	<b>LAYER1 WHITE</b> 0~100%		000 - 255
207	/	15	<b>LAYER1 FX</b> No Function FX 1 FX 2 FX 3 FX 4 FX 5 FX 6 FX 7 FX 8 FX 9 FX 10 FX 11 FX 12 FX 13 FX 14 FX 15 FX 16 FX 17 FX 18 FX 19 FX 20 FX 21 FX 22 FX 23 RESERVED (TBD) Random pixel (with density)		000 - 010 011 - 015 016 - 020 021 - 025 026 - 030 031 - 035 036 - 040 041 - 045 046 - 050 051 - 055 056 - 060 061 - 065 066 - 070 071 - 075 076 - 080 081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 205 206 - 255

## ADVANCED - ADVANCED 4

Artnet DMX	Artnet+DMX Artnet	DMX	BASIC FUNCTION	FUNCTION WITH L2 FX	DMX Value
208	/	16	<b>LAYER1 FX SPEED</b> Static indexing From slow to fast		000 - 050 051 - 255
209	/	17	<b>LAYER1 FX OFFSET</b> Continuous start selection Random distribution		000 - 200 201 - 255
210	/	18	<b>LAYER1 STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open		000 - 030 031 - 100 101 - 130 131 - 200 201 - 255
203	/	11	<b>LAYER2 FX</b> No Function FX 1 FX 2 FX 3 FX 4 FX 5 FX 6 FX 7 FX 8 FX 9 FX 10 FX 11 FX 12 FX 13 FX 14 FX 15 FX 16 FX 17 FX 18 FX 19 FX 20 FX 21 FX 22 FX 23 RESERVED (TBD) Random pixel (with density)		000 - 010 011 - 015 016 - 020 021 - 025 026 - 030 031 - 035 036 - 040 041 - 045 046 - 050 051 - 055 056 - 060 061 - 065 066 - 070 071 - 075 076 - 080 081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 205 206 - 255
211	/	19	<b>LAYER2 FX SPEED</b> Static indexing From slow to fast		000 - 050 051 - 255
212	/	20	<b>LAYER2 FX OFFSET</b> Continuous start selection Random distribution		000 - 200 201 - 255
213	/	21	<b>EMPTY</b>		
214	/	22	<b>EMPTY</b>		

## ADVANCED - ADVANCED 4

Artnet DMX	Artnet+DMX Artnet	DMX	BASIC FUNCTION	FUNCTION WITH L2 FX	DMX Value
215	/	23	<b>DIMMER MODE</b> From MENU Mode OFF Mode 1 Mode 2 Mode 3		000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

## EXPERT - PIXELS

MODE Ch	A/K+DMX A/K	DMX	FUNCTION	DMX Value
1	/	1	<b>DIMMER</b> Blackout Min to Max	000 - 005 006 - 255
	/	2	<b>FLASH DURATION</b> 0-990ms	000 - 255
	/	3	<b>FLASH RATE</b> No Flash Strobe slow to fast	000 - 010 011 - 255
	/	4	<b>FLASH FX</b> No effect Static Ramp up Ramp down Ramp up-down Random Lighting Spikes	000 - 002 003 - 005 006 - 042 043 - 085 086 - 128 129 - 171 172 - 214 215 - 255
		5	<b>CONTROL MODE</b> ArtNet KlingNet	000 - 127 128 - 255
	1	/	<b>PIXEL 1 RED</b> 0~100%	000 - 255
	2	/	<b>PIXEL 1 GREEN</b> 0~100%	000 - 255
	3	/	<b>PIXEL 1 BLUE</b> 0~100%	000 - 255
	4	/	<b>PIXEL 1 WHITE</b> 0~100%	000 - 255

EXPERT - PIXELS

MODE Ch	A/K+DMX		FUNCTION	DMX Value
	A/K	DMX		
2	5	/	PIXEL 2 RED 0~100%	000 - 255
	6	/	PIXEL 2 GREEN 0~100%	000 - 255
	7	/	PIXEL 2 BLUE 0~100%	000 - 255
	8	/	PIXEL 2 WHITE 0~100%	000 - 255
3	9	/	PIXEL 3 RED 0~100%	000 - 255
	10	/	PIXEL 3 GREEN 0~100%	000 - 255
	11		PIXEL 3 BLUE 0~100%	000 - 255
	12	/	PIXEL 3 WHITE 0~100%	000 - 255
12	13	/	PIXEL 4 RED 0~100%	000 - 255
	14		PIXEL 4 GREEN 0~100%	000 - 255
	15	/	PIXEL 4 BLUE 0~100%	000 - 255
	16	/	PIXEL 4 WHITE 0~100%	000 - 255
	...		.....	...
	45	/	PIXEL 12 RED 0~100%	000 - 255
	46	/	PIXEL 12 GREEN 0~100%	000 - 255
	47	/	PIXEL 12 BLUE 0~100%	000 - 255
	48	/	PIXEL 12 WHITE 0~100%	000 - 255

EXPERT - PIXELS

MODE Ch	A/K+DMX		FUNCTION	DMX Value
	A/K	DMX		
48	49	/	<b>PIXEL 13 RED</b> 0~100%	000 - 255
	50		<b>PIXEL 13 GREEN</b> 0~100%	000 - 255
	51	/	<b>PIXEL 13 BLUE</b> 0~100%	000 - 255
	52	/	<b>PIXEL 13 WHITE</b> 0~100%	000 - 255
	...		.....	...
	189	/	<b>PIXEL 48 RED</b> 0~100%	000 - 255
	190	/	<b>PIXEL 48 GREEN</b> 0~100%	000 - 255
	191	/	<b>PIXEL 48 BLUE</b> 0~100%	000 - 255
	192	/	<b>PIXEL 48 WHITE</b> 0~100%	000 - 255



# SUNBLAST 3000 FC

## EXPERT - K ADVANCED 2

	A/K+DMX		BASIC FUNCTION	DMX Value
A/K	DMX			
/	1		<b>FLASH DIMMER</b> Strobe dimmer	000 - 255
/	2		<b>FLASH STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	000 - 030 031 - 100 101 - 130 131 - 200 201 - 255
/	3		<b>BG DIMMER</b> Strobe dimmer	000 - 255
/	4		<b>BG STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	000 - 030 031 - 100 101 - 130 131 - 200 201 - 255
/	5		<b>BG RED</b> 0~100%	000 - 255
/	6		<b>BG GREEN</b> 0~100%	000 - 255
/	7		<b>BG BLUE</b> 0~100%	000 - 255
/	8		<b>BG WHITE</b> 0~100%	000 - 255
/	9		<b>LAYER2 FX</b> No Function FX 1 FX 2 FX 3 FX 4 FX 5 FX 6 FX 7 FX 8 FX 9 FX 10 FX 11 FX 12 FX 13 FX 14 FX 15 FX 16 FX 17 FX 18 FX 19	000 - 010 011 - 015 016 - 020 021 - 025 026 - 030 031 - 035 036 - 040 041 - 045 046 - 050 051 - 055 056 - 060 061 - 065 066 - 070 071 - 075 076 - 080 081 - 085 086 - 090 091 - 095 096 - 100 101 - 105

## EXPERT - K ADVANCED 2

	A/K+DMX		BASIC FUNCTION	DMX Value
A/K	DMX			
/	9		FX 20 FX 21 FX 22 FX 23 RESERVED (TBD) Random pixel (with density)	106 - 110 111 - 115 116 - 120 121 - 125 126 - 205 206 - 255
/	10		<b>FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
/	11		<b>DIMMER MODE</b> From MENU Mode OFF Mode 1 Mode 2 Mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255
	12		<b>CONTROL MODE</b> ArtNet KlingNet	000 - 127 128 - 255
1	/		<b>PIXEL 1 RED</b> 0~100%	000 - 255
2	/		<b>PIXEL 1 GREEN</b> 0~100%	000 - 255
3	/		<b>PIXEL 1 BLUE</b> 0~100%	000 - 255
4	/		<b>PIXEL 1 WHITE</b> 0~100%	000 - 255
...			.....	...
189	/		<b>PIXEL 48 RED</b> 0~100%	000 - 255
190	/		<b>PIXEL 48 GREEN</b> 0~100%	000 - 255
191	/		<b>PIXEL 48 BLUE</b> 0~100%	000 - 255
192	/		<b>PIXEL 48 WHITE</b> 0~100%	000 - 255

## EXPERT - K ADVANCED 4

	A/K+DMX		BASIC FUNCTION	FUNCTION WITH L2 FX	DMX Value
	A/K	DMX			
	/	1	<b>FLASH DIMMER</b> 0~100%	<b>LAYER2 DIMMER</b> Layer2 dimmer	000 - 255
	/	2	<b>FLASH STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	<b>LAYER2 STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open	000 - 030 031 - 100 101 - 130 131 - 200 201- 255
	1		<b>FLASH 1 RED</b> 0~100%	<b>LAYER2 1 RED</b> 0~100%	000 - 255
	2		<b>FLASH 1 GREEN</b> 0~100%	<b>LAYER2 1 GREEN</b> 0~100%	000 - 255
	3		<b>FLASH 1 BLUE</b> 0~100%	<b>LAYER2 1 BLUE</b> 0~100%	000 - 255
	4		<b>FLASH 1 WHITE</b> 0~100%	<b>LAYER2 1 WHITE</b> 0~100%	000 - 255
...	...		.....	.....	
	189		<b>FLASH 48 RED</b> 0~100%	<b>LAYER2 48 RED</b> 0~100%	000 - 255
	190		<b>FLASH 48 GREEN</b> 0~100%	<b>LAYER2 48 GREEN</b> 0~100%	000 - 255
	191		<b>FLASH 48 BLUE</b> 0~100%	<b>LAYER2 48 BLUE</b> 0~100%	000 - 255
	192		<b>FLASH 48 WHITE</b> 0~100%	<b>LAYER2 48 WHITE</b> 0~100%	000 - 255
	/	3	<b>BG DIMMER</b> Strobe dimmer		000 - 255
	/	4	<b>BG STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open		000 - 030 031 - 100 101 - 130 131 - 200 201- 255
	/	5	<b>BG RED</b> 0~100%		000 - 255
	/	6	<b>BG GREEN</b> 0~100%		000 - 255
	/	7	<b>BG BLUE</b> 0~100%		000 - 255

## EXPERT - K ADVANCED 4

	A/K+DMX		BASIC FUNCTION	FUNCTION WITH L2 FX	DMX Value
	A/K	DMX			
		8	<b>BG WHITE</b> 0~100%		000 - 255
	/	9	<b>LAYER1 DIMMER</b> Strobe dimmer		000 - 255
	/	10	<b>LAYER1 STROBE</b> No flash/Closed Strobe slow to fast Open Random strobe slow to fast Open		000 - 030 031 - 100 101 - 130 131 - 200 201 - 255
	/	11	<b>LAYER1 RED</b> 0~100%		000 - 255
	/	12	<b>LAYER1 GREEN</b> 0~100%		000 - 255
	/	13	<b>LAYER1 BLUE</b> 0~100%		000 - 255
	/	14	<b>LAYER1 WHITE</b> 0~100%		000 - 255
	/	15	<b>LAYER1 FX</b> No Function FX 1 FX 2 FX 3 FX 4 FX 5 FX 6 FX 7 FX 8 FX 9 FX 10 FX 11 FX 12 FX 13 FX 14 FX 15 FX 16 FX 17 FX 18 FX 19 FX 20 FX 21 FX 22 FX 23 RESERVED (TBD) Random pixel (with density)		000 - 010 011 - 015 016 - 020 021 - 025 026 - 030 031 - 035 036 - 040 041 - 045 046 - 050 051 - 055 056 - 060 061 - 065 066 - 070 071 - 075 076 - 080 081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 205 206 - 255

## EXPERT - K ADVANCED 4

	A/K+DMX		BASIC FUNCTION	FUNCTION WITH L2 FX	DMX Value
	A/K	DMX			
	/	16	<b>LAYER1 FX SPEED</b> Static indexing From slow to fast		000 - 050 051 - 255
	/	17	<b>LAYER1 FX OFFSET</b> Continuous start selection Random distribution		000 - 200 201 - 255
	/	18	<b>LAYER2 FX</b> No Function FX 1 FX 2 FX 3 FX 4 FX 5 FX 6 FX 7 FX 8 FX 9 FX 10 FX 11 FX 12 FX 13 FX 14 FX 15 FX 16 FX 17 FX 18 FX 19 FX 20 FX 21 FX 22 FX 23 RESERVED (TBD) Random pixel (with density)		000 - 010 011 - 015 016 - 020 021 - 025 026 - 030 031 - 035 036 - 040 041 - 045 046 - 050 051 - 055 056 - 060 061 - 065 066 - 070 071 - 075 076 - 080 081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 205 206 - 255
	/	19	<b>LAYER2 FX SPEED</b> Static indexing From slow to fast		000 - 050 051 - 255
	/	20	<b>LAYER2 FX OFFSET</b> Continuous start selection Random distribution		000 - 200 201 - 255
	/	21	<b>EMPTY</b>		
	/	22	<b>EMPTY</b>		
	/	23	<b>DIMMER MODE</b> From MENU Mode OFF Mode 1 Mode 2 Mode 3		000 - 051 052 - 101 102 - 152 153 - 203 204 - 255
		24	<b>CONTROL MODE</b> ArtNet KlingNet		000 - 127 128 - 255