

# SUNBLAST3500MAX

## DMX CONTROL

### BASIC - STATIC

MODE 1 Ch	FUNCTION	DMX Value
1	<b>DIMMER</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> 15ms-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 48 Ch	FUNCTION	DMX Value
1	<b>PIXEL 1 WHITE</b> 0~100%	000 - 255
2	<b>PIXEL 2 WHITE</b> 0~100%	000 - 255
3	<b>PIXEL 3 WHITE</b> 0~100%	000 - 255
4	<b>PIXEL 4 WHITE</b> 0~100%	000 - 255
	.....	
45	<b>PIXEL 45 WHITE</b> 0~100%	000 - 255
46	<b>PIXEL 46 WHITE</b> 0~100%	000 - 255
47	<b>PIXEL 47 WHITE</b> 0~100%	000 - 255
48	<b>PIXEL 48 WHITE</b> 0~100%	000 - 255

# SUNBLAST3500MAX

## PIXELS PIXELS

PIXEL MODE	CHANNEL	FUNCTION	DMX Value
1	1	<b>DIMMER</b> Blackout Min to Max	000 - 005 006 - 255
	2	<b>FLASH DURATION</b> 15-990ms	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>PIXEL 1 WHITE</b> 0~100%	000 - 255
2	6	<b>PIXEL 2 WHITE</b> 0~100%	000 - 255
3	7	<b>PIXEL 3 WHITE</b> 0~100%	000 - 255
12	8	<b>PIXEL 4 WHITE</b> 0~100%	000 - 255
	9	<b>PIXEL 5 WHITE</b> 0~100%	000 - 255
	10	<b>PIXEL 6 WHITE</b> 0~100%	000 - 255
	11	<b>PIXEL 7 WHITE</b> 0~100%	000 - 255
	12	<b>PIXEL 8 WHITE</b> 0~100%	000 - 255
	13	<b>PIXEL 9 WHITE</b> 0~100%	000 - 255
	14	<b>PIXEL 10 WHITE</b> 0~100%	000 - 255
	15	<b>PIXEL 11 WHITE</b> 0~100%	000 - 255
	16	<b>PIXEL 12 WHITE</b> 0~100%	000 - 255

## PIXELS PIXELS

PIXEL MODE	CHANNEL	FUNCTION	DMX Value
48	17	<b>PIXEL 13 WHITE</b> 0~100%	000 - 255
	18	<b>PIXEL 14 WHITE</b> 0~100%	000 - 255
	19	<b>PIXEL 15 WHITE</b> 0~100%	000 - 255
	20	<b>PIXEL 16 WHITE</b> 0~100%	000 - 255
	...	.....	...
	49	<b>PIXEL 45 WHITE</b> 0~100%	000 - 255
	50	<b>PIXEL 46 WHITE</b> 0~100%	000 - 255
	51	<b>PIXEL 47 WHITE</b> 0~100%	000 - 255
	52	<b>PIXEL 48 WHITE</b> 0~100%	000 - 255

# SUNBLAST3500MAX

## 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>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>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 1

CHANNEL	FUNCTION	DMX Value
6	<b>FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
7	<b>DIMMER</b> From MENU Mode OFF Mode 1 Mode 2 Mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

# SUNBLAST3500MAX

## ADVANCED ADVANCED 2

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>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>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
6	<b>FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
7	<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

CHANNEL	FUNCTION	DMX Value
8	<b>PIXEL 1 WHITE</b> 0~100%	000 - 255
9	<b>PIXEL 2 WHITE</b> 0~100%	000 - 255
10	<b>PIXEL 2 WHITE</b> 0~100%	000 - 255
11	<b>PIXEL 4 WHITE</b> 0~100%	000 - 255
...	.....	...
52	<b>PIXEL 45 WHITE</b> 0~100%	000 - 255
53	<b>PIXEL 46 WHITE</b> 0~100%	000 - 255
54	<b>PIXEL 47 WHITE</b> 0~100%	000 - 255
55	<b>PIXEL 48 WHITE</b> 0~100%	000 - 255

# SUNBLAST3500MAX

## ADVANCED ADVANCED 3

CHANNEL	BAS FUNCTION	FUNCTION	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>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>LAYER1 DIMMER</b> Strobe dimmer		000 - 255
6	<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
7	<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
8	<b>LAYER1 FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
9	<b>LAYER1 FX OFFSET</b> Continuous start selection Random distribution	000 - 200 201 - 255
10	<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
11	<b>LAYER2 FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
12	<b>LAYER2 FX OFFSET</b> Continuous start selection Random distribution	000 - 200 201 - 255
13	<b>EMPTY</b>	000 - 255
14	<b>EMPTY</b>	000 - 255
15	<b>DIMMER MODE</b> From MENU Mode OFF Mode 1 Mode 2 Mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

# SUNBLAST3500MAX

## ADVANCED ADVANCED 4

CHANNEL	BAS FUNCTION	FUNCTION	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>PIXEL 1 WHITE</b> 0~100%		000 - 255
4	<b>PIXEL 2 WHITE</b> 0~100%		000 - 255
.....	.....		.....
49	<b>PIXEL 47 WHITE</b> 0~100%		000 - 255
50	<b>PIXEL 48 WHITE</b> 0~100%		000 - 255
51	<b>BG DIMMER</b> Strobe dimmer		000 - 255
52	<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
53	<b>LAYER1 DIMMER</b> Strobe dimmer		000 - 255
54	<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
55	<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		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

## ADVANCED ADVANCED 4

CHANNEL	FUNCTION	DMX Value
55	FX 15 FX 16 FX 17 FX 18 FX 19 FX 20 FX 21 FX 22 FX 23 RESERVED (TBD) Random pixel (with density)	081 - 085 086 - 090 091 - 095 096 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 205 206 - 255
56	<b>LAYER1 FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
57	<b>LAYER1 FX OFFSET</b> Continuous start selection Random distribution	000 - 200 201 - 255
58	<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
59	<b>LAYER2 FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
60	<b>LAYER2 FX OFFSET</b> Continuous start selection Random distribution	000 - 200 201 - 255

## ADVANCED ADVANCED 4

CHANNEL	FUNCTION	DMX Value
61	EMPTY	000 - 255
62	EMPTY	000 - 255
63	<b>DIMMER MODE</b> From MENU Mode OFF Mode 1 Mode 2 Mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255