

DMX CONTROL

BASIC STATIC

CHANNEL	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

CHANNEL	FUNCTION	DMX Value
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

BASIC PIXEL

CHANNEL	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
	.....	
61	<b>PIXEL 16 RED</b> 0~100%	000 - 255
62	<b>PIXEL 16 GREEN</b> 0~100%	000 - 255
63	<b>PIXEL 16 BLUE</b> 0~100%	000 - 255
64	<b>PIXEL 16 WHITE</b> 0~100%	000 - 255

## BASIC RGBW STROBE

CHANNEL	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> 15-990ms	000 - 255
7	<b>FLASH RATE</b> No Flash Strobe slow to fast	000 - 010 011 - 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

## BASIC16 - STATIC16

CHANNEL	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

## BASIC16 - STROBE16

CHANNEL	FUNCTION	DMX Value
1	<b>DIMMER</b> Blackout Min to Max	000 - 005 006 - 255
2	<b>DIMMER FINE</b> Blackout Min to Max	000 - 005 006 - 255
3	<b>FLASH DURATION</b> 15-990ms	000 - 255
4	<b>FLASH RATE</b> No Flash Strobe slow to fast	000 - 010 011 - 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

## BASIC16 - PIXEL16

CHANNEL	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
	.....	
121	<b>PIXEL 16 RED</b> 0~100%	000 - 255
122	<b>PIXEL 16 RED FINE</b> 0~100%	000 - 255
123	<b>PIXEL 16 GREEN</b> 0~100%	000 - 255
124	<b>PIXEL 16 GREEN FINE</b> 0~100%	000 - 255
125	<b>PIXEL 16 BLUE</b> 0~100%	000 - 255
126	<b>PIXEL 16 BLUE FINE</b> 0~100%	000 - 255
127	<b>PIXEL 16 WHITE</b> 0~100%	000 - 255
128	<b>PIXEL 16 WHITE FINE</b> 0~100%	000 - 255

## BASIC16 - RGBW STROBE16

CHANNEL	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> Blackout Min to Max	000 - 005 006 - 255
11	<b>FLASH DURATION</b> 15-990ms	000 - 255
12	<b>FLASH RATE</b> No Flash Strobe slow to fast	000 - 010 011 - 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 Ch	DMX	Art-net+DMX		FUNCTION	DMX Value
	Artnet	Artnet	DMX		
1	1		1	<b>DIMMER</b> Blackout Min to Max	000 - 005 006 - 255
	2		2	<b>FLASH DURATION</b> 15-990ms	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
4	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	Art-net+DMX		FUNCTION	DMX Value
	Artnet	Artnet	DMX		
4	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
8	21	17		<b>PIXEL 5 RED</b> 0~100%	000 - 255
	22	18		<b>PIXEL 5 GREEN</b> 0~100%	000 - 255
	23	19		<b>PIXEL 5 BLUE</b> 0~100%	000 - 255
	24	20		<b>PIXEL 5 WHITE</b> 0~100%	000 - 255
	...			.....	...
	33	29		<b>PIXEL 8 RED</b> 0~100%	000 - 255
	34	30		<b>PIXEL 8 GREEN</b> 0~100%	000 - 255
	35	31		<b>PIXEL 8 BLUE</b> 0~100%	000 - 255
	36	32		<b>PIXEL 8 WHITE</b> 0~100%	000 - 255

## PIXELS PIXELS

MODE Ch	DMX	Art-net+DMX		FUNCTION	DMX Value
	Artnet	Artnet	DMX		
16	37	33		<b>PIXEL 9 RED</b> 0~100%	000 - 255
	38	34		<b>PIXEL 9 GREEN</b> 0~100%	000 - 255
	39	35		<b>PIXEL 9 BLUE</b> 0~100%	000 - 255
	40	36		<b>PIXEL 9 WHITE</b> 0~100%	000 - 255
	...			.....	...
	65	61		<b>PIXEL 16 RED</b> 0~100%	000 - 255
	66	62		<b>PIXEL 16 GREEN</b> 0~100%	000 - 255
	67	63		<b>PIXEL 16 BLUE</b> 0~100%	000 - 255
	68	64		<b>PIXEL 16 WHITE</b> 0~100%	000 - 255

## 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	Art-net+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	Art-net+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 1 WHITE</b> 0~100%	000 - 255
...			.....	...
72	61		<b>PIXEL 16 RED</b> 0~100%	000 - 255
73	62		<b>PIXEL 16 GREEN</b> 0~100%	000 - 255
74	63		<b>PIXEL 16 BLUE</b> 0~100%	000 - 255
75	64		<b>PIXEL 16 WHITE</b> 0~100%	000 - 255

## 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>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

## 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 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 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

DMX Artnet	Art-net+DMX		BAS FUNCTION	FUNCTION	DMX Value
	Artnet	DMX			
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 1BLUE</b> 0~100%	000 - 255
6	4		<b>FLASH 1 WHITE</b> 0~100%	<b>LAYER2 1 WHITE</b> 0~100%	000 - 255
-			...	...	
63	61		<b>FLASH 16 RED</b> 0~100%	<b>LAYER2 16 RED</b> 0~100%	
64	62		<b>FLASH 16 GREEN</b> 0~100%	<b>LAYER2 16 GREEN</b> 0~100%	
65	63		<b>FLASH 16 BLUE</b> 0~100%	<b>LAYER2 16BLUE</b> 0~100%	
66	64		<b>FLASH 16 WHITE</b> 0~100%	<b>LAYER2 16 WHITE</b> 0~100%	
67		3	<b>BG DIMMER</b> Strobe dimmer		000 - 255
68		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
69		5	<b>BG RED</b> 0~100%		000 - 255
70		6	<b>BG GREEN</b> 0~100%		000 - 255
71		7	<b>BG BLUE</b> 0~100%		000 - 255

## ADVANCED ADVANCED 4

DMX Artnet	Art-net+DMX		FUNCTION	DMX Value
	Artnet	DMX		
72		8	<b>BG WHITE</b> 0~100%	000 - 255
73		9	<b>LAYER1 DIMMER</b> Strobe dimmer	000 - 255
74		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
75		11	<b>LAYER1 RED</b> 0~100%	000 - 255
76		12	<b>LAYER1 GREEN</b> 0~100%	000 - 255
77		13	<b>LAYER1 BLUE</b> 0~100%	000 - 255
78		14	<b>LAYER1 WHITE</b> 0~100%	000 - 255
79		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

DMX Artnet	Art-net+DMX		FUNCTION	DMX Value
	Artnet	DMX		
80		16	<b>LAYER1 FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
81		17	<b>LAYER1 FX OFFSET</b> Continuous start selection Random distribution	000 - 200 201 - 255
82		18	<b>LAYER12 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
83		19	<b>LAYER2 FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
84		20	<b>LAYER2 FX OFFSET</b> Continuous start selection Random distribution	000 - 200 201 - 255
85		21	<b>EMPTY</b>	000 - 255
86		22	<b>EMPTY</b>	000 - 255
87		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

EXPERT	Art/K+DMX		FUNCTION	DMX Value
	Artnet/ Klingnet	DMX		
K1PX		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
	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
K2PX	5		<b>PIXEL 2 RED</b> 0~100%	000 - 255
	6		<b>PIXEL 2 GREEN</b> 0~100%	000 - 255
	7		<b>PIXEL 2 BLUE</b> 0~100%	000 - 255
	8		<b>PIXEL 2 WHITE</b> 0~100%	000 - 255
K4PX	9		<b>PIXEL 3 RED</b> 0~100%	000 - 255
	10		<b>PIXEL 3 GREEN</b> 0~100%	000 - 255
	11		<b>PIXEL 3 BLUE</b> 0~100%	000 - 255
	12		<b>PIXEL 3 WHITE</b> 0~100%	000 - 255

EXPERT-PIXELS

EXPERT	Art/K+DMX		FUNCTION	DMX Value
	Artnet/ Klingnet	DMX		
K4PX	13		<b>PIXEL 4 RED</b> 0~100%	000 - 255
	14		<b>PIXEL 4 GREEN</b> 0~100%	000 - 255
	15		<b>PIXEL 4 BLUE</b> 0~100%	000 - 255
	16		<b>PIXEL 4 WHITE</b> 0~100%	000 - 255
K8PX	17		<b>PIXEL 5 RED</b> 0~100%	000 - 255
	18		<b>PIXEL 5 GREEN</b> 0~100%	000 - 255
	19		<b>PIXEL 5 BLUE</b> 0~100%	000 - 255
	20		<b>PIXEL 5 WHITE</b> 0~100%	000 - 255
			.....	...
	29		<b>PIXEL 8 RED</b> 0~100%	000 - 255
	30		<b>PIXEL 8 GREEN</b> 0~100%	000 - 255
	31		<b>PIXEL 8 BLUE</b> 0~100%	000 - 255
	32		<b>PIXEL 8 WHITE</b> 0~100%	000 - 255



## EXPERT-PIXELS

EXPERT	Art/K+DMX		FUNCTION	DMX Value
	Artnet/ Klingnet	DMX		
K16PX	33		<b>PIXEL 9 RED</b> 0~100%	000 - 255
	34		<b>PIXEL 9 GREEN</b> 0~100%	000 - 255
	35		<b>PIXEL 9 BLUE</b> 0~100%	000 - 255
	36		<b>PIXEL 9 WHITE</b> 0~100%	000 - 255
			.....	...
	61		<b>PIXEL 16 RED</b> 0~100%	000 - 255
	62		<b>PIXEL 16 GREEN</b> 0~100%	000 - 255
	63		<b>PIXEL 16 BLUE</b> 0~100%	000 - 255
	64		<b>PIXEL 16 WHITE</b> 0~100%	000 - 255
		5	<b>CONTROL MODE</b> ArtNet KlingNet	000 - 127 128 - 255

## EXPERT-KADVANCED 2

Art/K+DMX		FUNCTION	DMX Value
Artnet/ Klingnet	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>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

## EXPERT-KADVANCED 2

Art/K+DMX		FUNCTION	DMX Value
Artnet/ Klingnet	DMX		
	10	<b>FX SPEED</b> Static indexing From slow to fast	000 - 050 051 - 255
	11	<b>DIMMER</b> From MENU Mode OFF Mode 1 Mode 2 Mode 3	000 - 051 052 - 101 102 - 152 153 - 203 204 - 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
		.....	...
61		<b>PIXEL 16 RED</b> 0~100%	000 - 255
62		<b>PIXEL 16 GREEN</b> 0~100%	000 - 255
63		<b>PIXEL 16 BLUE</b> 0~100%	000 - 255
64		<b>PIXEL 16 WHITE</b> 0~100%	000 - 255
	12	<b>CONTROL MODE</b> ArtNet KlingNet	000 - 127 128 - 255

## EXPERT- KADVANCED 4

Art/K+DMX		BAS FUNCTION	FUNCTION WITH L2 FX	DMX Value
Artnet/ Klingnet	DMX			
	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
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 1BLUE</b> 0~100%	000 - 255
4		<b>FLASH 1 WHITE</b> 0~100%	<b>LAYER2 1 WHITE</b> 0~100%	000 - 255
		...	...	
61		<b>FLASH 16 RED</b> 0~100%	<b>LAYER2 16 RED</b> 0~100%	
62		<b>FLASH 16 GREEN</b> 0~100%	<b>LAYER2 16 GREEN</b> 0~100%	
63		<b>FLASH 16 BLUE</b> 0~100%	<b>LAYER2 16BLUE</b> 0~100%	
64		<b>FLASH 16 WHITE</b> 0~100%	<b>LAYER2 16 WHITE</b> 0~100%	
	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- KADVANCED 4

Art/K+DMX		FUNCTION	DMX Value
Artnet/ Klingnet	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- KADVANCED 4

Art/K+DMX		FUNCTION	DMX Value
Artnet/ Klingnet	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>	000 - 255
	22	<b>EMPTY</b>	000 - 255
	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

## PIXEL LAYOUTS

								1									1
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			1							2							2
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		1				2				3					4			4
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1	2	3	4	5	6	7	8											8
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				16
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