

Valid from firmware version: V2.4

7ch (Mode 1) / 15ch (Mode 2) / 21ch (Mode 3):

CHANNEL			VALUE	FUNCTION
7ch	15ch	21ch		
1	1	1	000-255	RED 0%→100%
2	2	2	000-255	GREEN 0%→100%
3	3	3	000-255	BLUE 0%→100%
4	4		000-255	WHITE 0%→100%
				COLOR MACRO
			000-009	Null
			010-017	Color 1
			018-024	Color 2
			025-032	Color 3
			033-039	Color 4
			040-047	Color 5
			048-054	Color 6
			055-061	Color 7
			062-069	Color 8
			070-076	Color 9
			077-084	Color 10
			085-091	Color 11
			092-099	Color 12
			100-106	Color 13
			107-113	Color 14
			114-121	Color 15
			122-128	Color 16
			129-136	Color 17
			137-143	Color 18
			144-151	Color 19
			152-158	Color 20
			159-165	Color 21
			166-173	Color 22
			174-180	Color 23
			181-188	Color 24
			189-195	Color 25
			196-203	Color 26
			204-210	Color 27
			211-217	Color 28

CHANNEL			VALUE	FUNCTION
			218-225 226-232 233-240 241-247 248-255	Color 29 Color 30 Color 31 Color 32 Color 33
5	6		000-005 006-255	DIMMER Null 0%→100%
6	7		000-255	DIMMER FINE
	8		000-255	STROBE DURATION
	9		000-006 007-255	STROBE RATE Blackout Strobe from Slow to Fast
	10		000-005 006-050 051-100 101-150 151-200 201-255	STROBE Null Ramp up Ramp down Ramp up-down Lightning Random
		5	000-005 006-255	DIMMER (RGB) Null 0%→100%
		6	000-255	DIMMER FINE (RGB)
		7	000-255	STROBE DURATION (RGB)
		8	000-006 007-255	STROBE RATE (RGB) Blackout Strobe from Slow to Fast
		9	000-005 006-050 051-100 101-150 151-200 201-255	STROBE (RGB) Null Ramp up Ramp down Ramp up-down Lightning Random
	11	10	000-023 024-031 032-039 040-047	MACRO (RGB) Null Macro 1 Macro 2 Macro 3

CHANNEL			VALUE	FUNCTION
			048-055	Macro 4
			056-063	Macro 5
			064-071	Macro 6
			072-079	Macro 7
			080-087	Macro 8
			088-095	Macro 9
			096-103	Macro 10
			104-111	Macro 11
			112-119	Macro 12
			120-127	Macro 13
			128-135	Macro 14
			136-143	Macro 15
			144-151	Macro 16
			152-159	Macro 17
			160-167	Macro 18
			168-175	Macro 19
			176-183	Macro 20
			184-191	Macro 21
			192-199	Macro 22
			200-207	Macro 23
			208-215	Macro 24
			216-223	Macro 25
			224-231	Macro 26
			232-239	Macro 27
			240-247	Macro 28
			248-255	Macro 29
		11	000-127 128-255	MACRO SPEED (RGB) Normal, Slow to Fast Inversion, Slow to Fast
		12	000-255	FADE (RGB) 0%→100%
		13	000-005 006-255	DIMMER (W) Null 0%→100%
		14	000-255	DIMMER FINE (W)
		15	000-255	STROBE DURATION (W)
		16	000-006 007-255	STROBE RATE (W) Blackout Strobe from Slow to Fast
		17	000-005	STROBE (W) Null

CHANNEL			VALUE	FUNCTION
			006-050 051-100 101-150 151-200 201-255	Ramp up Ramp down Ramp up-down Lightning Random
	12	18	000-090 091-105 106-120 121-135 136-150 151-165 166-180 181-195 196-210 211-225 226-240 241-255	MACRO (W) Null Macro 1 Macro 2 Macro 3 Macro 4 Macro 5 Macro 6 Macro 7 Macro 8 Macro 9 Macro 10 Macro 11
		19	000-127 128-255	MACRO SPEED (W) Normal, Slow to Fast Inversion, Slow to Fast
		20	000-255	FADE (W) 0%→100%
	13		000-127 128-255	MACRO SPEED Normal, Slow to Fast Inversion, Slow to Fast
	14		000-255	FADE 0%→100%
7	15	21	000-255	FROST 0%→100%

39ch (Mode 4) / 112ch (Mode 5) / 17ch (Mode 6) / 33ch (Mode 7) / 65ch (Mode 8) / 117ch (Mode 10) / 119ch (Mode 13) / 125ch (Mode 14):

CHANNEL								VALUE	FUNCTION
39ch	112ch	17ch	33ch	65ch	117ch	119ch	125ch		
1	1	1	1	1	6	8	14	000-255	RED 1 0%→100%
2	2	2	2	2	7	9	15	000-255	GREEN 1 0%→100%

CHANNEL								VALUE	FUNCTION
3	3	3	3	3	8	10	16	000-255	BLUE 1 0%→100%
4	4	4	4	4	9	11	17	000-255	RED 2 0%→100%
5	5	5	5	5	10	12	18	000-255	GREEN 2 0%→100%
6	6	6	6	6	11	13	19	000-255	BLUE 2 0%→100%
7	7	7	7	7	12	14	20	000-255	RED 3 0%→100%
8	8	8	8	8	13	15	21	000-255	GREEN 3 0%→100%
9	9	9	9	9	14	16	22	000-255	BLUE 3 0%→100%
10	10	10	10	10	15	17	23	000-255	RED 4 0%→100%
11	11	11	11	11	16	18	24	000-255	GREEN 4 0%→100%
12	12	12	12	12	17	19	25	000-255	BLUE 4 0%→100%
13	13		13	13	18	20	26	000-255	RED 5 0%→100%
14	14		14	14	19	21	27	000-255	GREEN 5 0%→100%
15	15		15	15	20	22	28	000-255	BLUE 5 0%→100%
16	16		16	16	21	23	29	000-255	RED 6 0%→100%
17	17		17	17	22	24	30	000-255	GREEN 6 0%→100%
18	18		18	18	23	25	31	000-255	BLUE 6 0%→100%
19	19		19	19	24	26	32	000-255	RED 7 0%→100%
20	20		20	20	25	27	33	000-255	GREEN 7 0%→100%
21	21		21	21	26	28	34	000-255	BLUE 7 0%→100%
22	22		22	22	27	29	35	000-255	RED 8 0%→100%
23	23		23	23	28	30	36	000-255	GREEN 8 0%→100%
24	24		24	24	29	31	37	000-255	BLUE 8 0%→100%

CHANNEL								VALUE	FUNCTION
	25			25	30	32	38	000-255	RED 9 0%→100%
	26			26	31	33	39	000-255	GREEN 9 0%→100%
	27			27	32	34	40	000-255	BLUE 9 0%→100%
	28			28	33	35	41	000-255	RED 10 0%→100%
	29			29	34	36	42	000-255	GREEN 10 0%→100%
	30			30	35	37	43	000-255	BLUE 10 0%→100%
	31			31	36	38	44	000-255	RED 11 0%→100%
	32			32	37	39	45	000-255	GREEN 11 0%→100%
	33			33	38	40	46	000-255	BLUE 11 0%→100%
	34			34	39	41	47	000-255	RED 12 0%→100%
	35			35	40	42	48	000-255	GREEN 12 0%→100%
	36			36	41	43	49	000-255	BLUE 12 0%→100%
	37			37	42	44	50	000-255	RED 13 0%→100%
	38			38	43	45	51	000-255	GREEN 13 0%→100%
	39			39	44	46	52	000-255	BLUE 13 0%→100%
	40			40	45	47	53	000-255	RED 14 0%→100%
	41			41	46	48	54	000-255	GREEN 14 0%→100%
	42			42	47	49	55	000-255	BLUE 14 0%→100%
	43			43	48	50	56	000-255	RED 15 0%→100%
	44			44	49	51	57	000-255	GREEN 15 0%→100%
	45			45	50	52	58	000-255	BLUE 15 0%→100%
	46			46	51	53	59	000-255	RED 16 0%→100%

CHANNEL								VALUE	FUNCTION
	47			47	52	54	60	000-255	GREEN 16 0%→100%
	48			48	53	55	61	000-255	BLUE 16 0%→100%
	49				54	56	62	000-255	RED 17 0%→100%
	50				55	57	63	000-255	GREEN 17 0%→100%
	51				56	58	64	000-255	BLUE 17 0%→100%
	52				57	59	65	000-255	RED 18 0%→100%
	53				58	60	66	000-255	GREEN 18 0%→100%
	54				59	61	67	000-255	BLUE 18 0%→100%
	55				60	62	68	000-255	RED 19 0%→100%
	56				61	63	69	000-255	GREEN 19 0%→100%
	57				62	64	70	000-255	BLUE 19 0%→100%
	58				63	65	71	000-255	RED 20 0%→100%
	59				64	66	72	000-255	GREEN 20 0%→100%
	60				65	67	73	000-255	BLUE 20 0%→100%
	61				66	68	74	000-255	RED 21 0%→100%
	62				67	69	75	000-255	GREEN 21 0%→100%
	63				68	70	76	000-255	BLUE 21 0%→100%
	64				69	71	77	000-255	RED 22 0%→100%
	65				70	72	78	000-255	GREEN 22 0%→100%
	66				71	73	79	000-255	BLUE 22 0%→100%
	67				72	74	80	000-255	RED 23 0%→100%
	68				73	75	81	000-255	GREEN 23 0%→100%

CHANNEL								VALUE	FUNCTION
	69				74	76	82	000-255	BLUE 23 0%→100%
	70				75	77	83	000-255	RED 24 0%→100%
	71				76	78	84	000-255	GREEN 24 0%→100%
	72				77	79	85	000-255	BLUE 24 0%→100%
	73				78	80	86	000-255	RED 25 0%→100%
	74				79	81	87	000-255	GREEN 25 0%→100%
	75				80	82	88	000-255	BLUE 25 0%→100%
	76				81	83	89	000-255	RED 26 0%→100%
	77				82	84	90	000-255	GREEN 26 0%→100%
	78				83	85	91	000-255	BLUE 26 0%→100%
	79				84	86	92	000-255	RED 27 0%→100%
	80				85	87	93	000-255	GREEN 27 0%→100%
	81				86	88	94	000-255	BLUE 27 0%→100%
	82				87	89	95	000-255	RED 28 0%→100%
	83				88	90	96	000-255	GREEN 28 0%→100%
	84				89	91	97	000-255	BLUE 28 0%→100%
	85				90	92	98	000-255	RED 29 0%→100%
	86				91	93	99	000-255	GREEN 29 0%→100%
	87				92	94	100	000-255	BLUE 29 0%→100%
	88				93	95	101	000-255	RED 30 0%→100%
	89				94	96	102	000-255	GREEN 30 0%→100%
	90				95	97	103	000-255	BLUE 30 0%→100%

CHANNEL								VALUE	FUNCTION
	91				96	98	104	000-255	RED 31 0%→100%
	92				97	99	105	000-255	GREEN 31 0%→100%
	93				98	100	106	000-255	BLUE 31 0%→100%
	94				99	101	107	000-255	RED 32 0%→100%
	95				100	102	108	000-255	GREEN 32 0%→100%
	96				101	103	109	000-255	BLUE 32 0%→100%
					1	1	1	000-005 006-255	DIMMER Null 0%→100%
						2	2	000-255	DIMMER FINE 0%→100%
					2	3	3	000-255	STROBE DURATION
					3	4	4	000-006 007-255	STROBE RATE Blackout Strobe from Slow to Fast
					4	5	5	000-005 006-050 051-100 101-150 151-200 201-255	STROBE Null Ramp up Ramp down Ramp up-down Lightning Random
25								000-005 006-255	DIMMER (RGB) Null 0%→100%
26								000-255	DIMMER FINE (RGB)
27							10	000-255	STROBE DURATION (RGB)
28							11	000-006 007-255	STROBE RATE (RGB) Blackout Strobe from Slow to Fast
29							9	000-005 006-050 051-100 101-150 151-200 201-255	STROBE (RGB) Null Ramp up Ramp down Ramp up-down Lightning Random
30	97	13	25	49	102	104	110		WHITE 1

CHANNEL								VALUE	FUNCTION
								000-255	0%→100%
31	98	14	26	50	103	105	111	000-255	WHITE 2 0%→100%
32	99	15	27	51	104	106	112	000-255	WHITE 3 0%→100%
33	100	16	28	52	105	107	113	000-255	WHITE 4 0%→100%
	101		29	53	106	108	114	000-255	WHITE 5 0%→100%
	102		30	54	107	109	115	000-255	WHITE 6 0%→100%
	103		31	55	108	110	116	000-255	WHITE 7 0%→100%
	104		32	56	109	111	117	000-255	WHITE 8 0%→100%
	105			57	110	112	118	000-255	WHITE 9 0%→100%
	106			58	111	113	119	000-255	WHITE 10 0%→100%
	107			59	112	114	120	000-255	WHITE 11 0%→100%
	108			60	113	115	121	000-255	WHITE 12 0%→100%
	109			61	114	116	122	000-255	WHITE 13 0%→100%
	110			62	115	117	123	000-255	WHITE 14 0%→100%
	111			63	116	118	124	000-255	WHITE 15 0%→100%
	112			64	117	119	125	000-255	WHITE 16 0%→100%
34								000-005 006-255	DIMMER (W) Null 0%→100%
35								000-255	DIMMER FINE (W)
36							7	000-255	STROBE DURATION (W)
37							8	000-006 007-255	STROBE RATE (W) Blackout Strobe from Slow to Fast
38							6	000-005 006-050 051-100 101-150	STROBE (W) Null Ramp up Ramp down Ramp up-down

CHANNEL								VALUE	FUNCTION
								151-200 201-255	Lightning Random
39		17	33	65	5	6	12	000-255	FROST 0%→100%
						7	13	000-029 030-039 040-049 050-059 060-069 070-233 234-235 236-237 238-255	SPECIAL FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.) Null Dimmer Curve: Linear Dimmer Curve: Square Law Dimmer Curve: Inv SQ Law Dimmer Curve: S Curve Null Invert Pixel Order: Enable Invert Pixel Order: Disable Null

68ch (Mode 9) / 70ch (Mode 11) / 70Nch (Mode 12) /:

CHANNEL			VALUE	FUNCTION
68ch	70ch	70Nch		
1	1	1	000-005 006-255	DIMMER Null 0%→100%
		2	000-255	DIMMER FINE 0%→100%
2	2	3	000-007 008-127 128-130 131-250 251-255	STROBE (RGB) Null Strobe from Slow to Fast Null Random Null
3	3	4	000-007 008-127 128-130 131-250 251-255	STROBE (W) Null Strobe from Slow to Fast Null Random Null
4	4	5	000-255	FROST 0%→100%

CHANNEL			VALUE	FUNCTION
		6	000-029 030-039 040-049 050-059 060-069 070-233 234-235 236-237 238-255	SPECIAL FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.) Null Dimmer Curve: Linear Dimmer Curve: Square Law Dimmer Curve: Inv SQ Law Dimmer Curve: S Curve Null Invert Pixel Order: Enable Invert Pixel Order: Disable Null
5	5	7	000-255	RED 1 0%→100%
6	6	8	000-255	GREEN 1 0%→100%
7	7	9	000-255	BLUE 1 0%→100%
8	8	10	000-255	RED 2 0%→100%
9	9	11	000-255	GREEN 2 0%→100%
10	10	12	000-255	BLUE 2 0%→100%
11	11	13	000-255	RED 3 0%→100%
12	12	14	000-255	GREEN 3 0%→100%
13	13	15	000-255	BLUE 3 0%→100%
14	14	16	000-255	RED 4 0%→100%
15	15	17	000-255	GREEN 4 0%→100%
16	16	18	000-255	BLUE 4 0%→100%
17	17	19	000-255	RED 5 0%→100%
18	18	20	000-255	GREEN 5 0%→100%

CHANNEL			VALUE	FUNCTION
19	19	21	000-255	BLUE 5 0%→100%
20	20	22	000-255	RED 6 0%→100%
21	21	23	000-255	GREEN 6 0%→100%
22	22	24	000-255	BLUE 6 0%→100%
23	23	25	000-255	RED 7 0%→100%
24	24	26	000-255	GREEN 7 0%→100%
25	25	27	000-255	BLUE 7 0%→100%
26	26	28	000-255	RED 8 0%→100%
27	27	29	000-255	GREEN 8 0%→100%
28	28	30	000-255	BLUE 8 0%→100%
29	29	31	000-255	RED 9 0%→100%
30	30	32	000-255	GREEN 9 0%→100%
31	31	33	000-255	BLUE 9 0%→100%
32	32	34	000-255	RED 10 0%→100%
33	33	35	000-255	GREEN 10 0%→100%
34	34	36	000-255	BLUE 10 0%→100%
35	35	37	000-255	RED 11 0%→100%
36	36	38	000-255	GREEN 11 0%→100%
37	37	39	000-255	BLUE 11 0%→100%
38	38	40	000-255	RED 12 0%→100%

CHANNEL			VALUE	FUNCTION
39	39	41	000-255	GREEN 12 0%→100%
40	40	42	000-255	BLUE 12 0%→100%
41	41	43	000-255	RED 13 0%→100%
42	42	44	000-255	GREEN 13 0%→100%
43	43	45	000-255	BLUE 13 0%→100%
44	44	46	000-255	RED 14 0%→100%
45	45	47	000-255	GREEN 14 0%→100%
46	46	48	000-255	BLUE 14 0%→100%
47	47	49	000-255	RED 15 0%→100%
48	48	50	000-255	GREEN 15 0%→100%
49	49	51	000-255	BLUE 15 0%→100%
50	50	52	000-255	RED 16 0%→100%
51	51	53	000-255	GREEN 16 0%→100%
52	52	54	000-255	BLUE 16 0%→100%
53	53	55	000-255	WHITE 1 0%→100%
54	54	56	000-255	WHITE 2 0%→100%
55	55	57	000-255	WHITE 3 0%→100%
56	56	58	000-255	WHITE 4 0%→100%
57	57	59	000-255	WHITE 5 0%→100%
58	58	60	000-255	WHITE 6 0%→100%

CHANNEL			VALUE	FUNCTION
59	59	61	000-255	WHITE 7 0%→100%
60	60	62	000-255	WHITE 8 0%→100%
61	61	63	000-255	WHITE 9 0%→100%
62	62	64	000-255	WHITE 10 0%→100%
63	63	65	000-255	WHITE 11 0%→100%
64	64	66	000-255	WHITE 12 0%→100%
65	65	67	000-255	WHITE 13 0%→100%
66	66	68	000-255	WHITE 14 0%→100%
67	67	69	000-255	WHITE 15 0%→100%
68	68	70	000-255	WHITE 16 0%→100%
	69		000-255	FADE (RGB) 0%→100%
	70		000-255	FADE (W) 0%→100%