

Valid from firmware version: V1.1

10CH/12CH/16CH/18CH/19CH/21CH:

CHANNEL						VALUE	FUNCTION
10 CH	12 CH	16 CH	18 CH	19 CH	21 CH		
1	1	1	1	1	1		SPECIAL FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.)
						000-029	Null
						030-039	Dimmer Curve: Linear
						040-049	Dimmer Curve: Square Law
						050-059	Dimmer Curve: Inv SQ Law
						060-069	Dimmer Curve: S Curve
						070-079	Fan Mode Auto
						080-089	Fan Mode Super Quiet
						090-099	Fan Mode Quiet
						100-109	Led Frequency Setting Enable
						110-119	Led Frequency Setting Disable
						120-122	Null
						123	900Hz
						124	1000Hz
						125	1100Hz
						126	1200Hz
						127	1300Hz
						128	1400Hz
						129	1500Hz
						130	2500Hz
						131	4000Hz
						132	5000Hz
						133	6000Hz
						134	10KHz
						135	15KHz
						136	20KHz
						137	25KHz
						138-139	Null
						140-159	Null
						160-169	Color Calibration: On
						170-179	Color Calibration: Off
						180-189	Null
						190-199	Null
						200-209	Dimmer Speed: Fast
						210-219	Dimmer Speed: Smooth
						220-229	Dimmer Speed: UND

CHANNEL						VALUE	FUNCTION
						230-231 232-233 234-235 236-237 238-239 240-241 242-251 252-255	Standard Mode Boost Mode Invert Pixel Order: Yes Invert Pixel Order: No Dimming Start Mode: High Dimming Start Mode: Low Null Null
2	2	2	2	2	2	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	STROBE Close Open Strobe from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Random Strobe from Slow to Fast Open
3	3	3	3	3	3	000-012 013-255 000-000 001-255	DIMMER No Function Dimmer(High) No Function Dimmer(Low)
4	4	4	4	4	4	000-255	DIMMER FINE
5	5	5	5	5	5	000 001-004 005-009 010-013 014-018 019-022 023-027 028-031 032-036 037-040 041-045 046-049 050-054 055-058 059-063 064-067	CTO Null 8000K 7900K 7800K 7700K 7600K 7500K 7400K 7300K 7200K 7100K 7000K 6900K 6800K 6700K 6600K

CHANNEL						VALUE	FUNCTION
						068-072	6500K
						073-076	6400K
						077-081	6300K
						082-085	6200K
						086-090	6100K
						091-094	6000K
						095-099	5900K
						100-103	5800K
						104-108	5700K
						109-112	5600K
						113-117	5500K
						118-121	5400K
						122-126	5300K
						127-130	5200K
						131-135	5100K
						136-139	5000K
						140-144	4900K
						145-148	4800K
						149-153	4700K
						154-157	4600K
						158-162	4500K
						163-166	4400K
						167-171	4300K
						172-175	4200K
						176-180	4100K
						181-184	4000K
						185-189	3900K
						190-193	3800K
						194-198	3700K
						199-202	3600K
						203-207	3500K
						208-211	3400K
						212-216	3300K
						217-220	3200K
						221-225	3100K
						226-229	3000K
						230-234	2900K
						235-238	2800K
						239-243	2700K
						244-247	2600K
						248-255	2500K
	6		6		6	000	G/M Tint White

CHANNEL						VALUE	FUNCTION
						001-127	Magenta shift
						128	White(default)
						129-255	Green shift
							COLOR MACRO
						000-009	Null
						010-014	Medium Yellow
						015-019	Fire
						020-024	Gold Amber
						025-029	Sunset Red
						030-034	Medium Pink
						035-039	Light Lavender
						040-044	Lavender
						045-049	Sky Blue
						050-054	Just Blue
						055-059	Lime Green
						060-064	Moss Green
						065-069	Dark Yellow Green
						070-073	Spring Yellow
						074-078	Yellow
						079-083	Light Amber
						084-088	Straw
						089-093	Deep Amber
6	7	6	7	6	7	094-098	Orange
						099-103	Dark Pink
						104-108	Peacock Blue
						109-113	Medium Blue-Green
						114-118	Steel Blue
						119-123	Light Blue
						124-128	Deep Blue
						129-132	LEE Green
						133-137	Fern Green
						138-142	Dark Green
						143-147	Mauve
						148-152	Bright Pink
						153-157	Medium Blue
						158-162	Deep Golden Amber
						163-167	Pale Lavender
						168-172	Special Lavender
						173-177	Pale Green
						178-182	Primary Green
						183-187	Bright Blue
						188-192	Apricot
						193-196	Pale Gold

CHANNEL						VALUE	FUNCTION
						197-201 202-206 207-211 212-216 217-221 222-226 227-231 232-236 237-241 242-246 247-251 252-255	Pink Bastard Amber Flame Red Daylight Blue Deep Lavender Congo Blue Surprise Pink Alice Blue Full C.T. Blue (3200K to 5700K) Half C.T. Blue (3200K to 4300K) Lighter Blue Millennium Gold
	8		8		8	000-255	Cross Fade
		7	9	7	9	000-007 008-024 025-041 042-058 059-075 076-092 093-109 110-126 127-143 144-160 161-177 178-194 195-211 212-228 229-245 246-255	MACRO Null Macro 1 Macro 2 Macro 3 Macro 4 Macro 5 Macro 6 Macro 7 Macro 8 Macro 9 Macro 10 Macro 11 Macro 12 Macro 13 Macro 14 Macro Rainbow
		8	10	8	10	000-127 128-255	MACRO SPEED Standard Inverse
		9	11			000-042 043-085 086-127 128-255	FROST No Function Frost 1 Frost 2 0-100%
		10	12	9	11	000-255	RED 0%→100%
		11	13	10	12	000-255	GREEN 0%→100%

CHANNEL						VALUE	FUNCTION
		12	14	11	13	000-255	BLUE 0%→100%
		13	15	12	14	000-255	WHITE 0%→100%
		14	16	13	15	000-255	AMBER 0%→100%
		15	17	14	16	000-255	CYAN 0%→100%
		16	18	15	17	000-255	UV 0%→100%
7	9			16	18	000-042 043-085 086-127 128-255	FROST 1 No Function Frost 1 Frost 2 0%→100%
8	10			17	19	000-042 043-085 086-127 128-255	FROST 2 No Function Frost 1 Frost 2 0%→100%
9	11			18	20	000-042 043-085 086-127 128-255	FROST 3 No Function Frost 1 Frost 2 0%→100%
10	12			19	21	000-042 043-085 086-127 128-255	FROST 4 No Function Frost 1 Frost 2 0%→100%

44CH/47CH:

CHANNEL		VALUE	FUNCTION
44CH	47CH		
1	1	000-029 030-039	SPECIAL FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.) Null Dimmer Curve: Linear

CHANNEL		VALUE	FUNCTION
		040-049	Dimmer Curve: Square Law
		050-059	Dimmer Curve: Inv SQ Law
		060-069	Dimmer Curve: S Curve
		070-079	Fan Mode Auto
		080-089	Fan Mode Super Quiet
		090-099	Fan Mode Quiet
		100-109	Led Frequency Setting Enable
		110-119	Led Frequency Setting Disable
		120-122	Null
		123	900Hz
		124	1000Hz
		125	1100Hz
		126	1200Hz
		127	1300Hz
		128	1400Hz
		129	1500Hz
		130	2500Hz
		131	4000Hz
		132	5000Hz
		133	6000Hz
		134	10KHz
		135	15KHz
		136	20KHz
		137	25KHz
		138-139	Null
		140-159	Null
		160-169	Color Calibration: On
		170-179	Color Calibration: Off
		180-189	Null
		190-199	Null
		200-209	Dimmer Speed: Fast
		210-219	Dimmer Speed: Smooth
		220-229	Dimmer Speed: UND
		230-231	Standard Mode
		232-233	Boost Mode
		234-235	Invert Pixel Order: Yes
		236-237	Invert Pixel Order: No
		238-239	Dimming Start Mode: High
		240-241	Dimming Start Mode: Low
		242-251	Null
		252-255	Null
2	2	000-007	STROBE Close

CHANNEL		VALUE	FUNCTION
		008-015	Open
		016-131	Strobe from Slow to Fast
		132-139	Open
		140-181	Fast Open Slow Close from Slow to Fast
		182-189	Open
		190-231	Slow Open Fast Close from Slow to Fast
		232-239	Open
		240-247	Random Strobe from Slow to Fast
		248-255	Open
3	3	000-012	DIMMER
		013-255	No Function
		000-000	Dimmer(High)
		001-255	No Function
4	4	000-255	Dimmer(Low)
			DIMMER FINE
5	5	000	CTO
		001-004	Null
		005-009	8000K
		010-013	7900K
		014-018	7800K
		019-022	7700K
		023-027	7600K
		028-031	7500K
		032-036	7400K
		037-040	7300K
		041-045	7200K
		046-049	7100K
		050-054	7000K
		055-058	6900K
		059-063	6800K
		064-067	6700K
		068-072	6600K
		073-076	6500K
		077-081	6400K
		082-085	6300K
		086-090	6200K
		091-094	6100K
		095-099	6000K
		100-103	5900K
		104-108	5800K
		109-112	5700K
			5600K

CHANNEL		VALUE	FUNCTION
		113-117	5500K
		118-121	5400K
		122-126	5300K
		127-130	5200K
		131-135	5100K
		136-139	5000K
		140-144	4900K
		145-148	4800K
		149-153	4700K
		154-157	4600K
		158-162	4500K
		163-166	4400K
		167-171	4300K
		172-175	4200K
		176-180	4100K
		181-184	4000K
		185-189	3900K
		190-193	3800K
		194-198	3700K
		199-202	3600K
		203-207	3500K
		208-211	3400K
		212-216	3300K
		217-220	3200K
		221-225	3100K
		226-229	3000K
		230-234	2900K
		235-238	2800K
		239-243	2700K
		244-247	2600K
		248-255	2500K
	6	000	G/M Tint
		000-127	White
		128	Magenta shift
		129-255	White(default)
			Green shift
	7	000-009	COLOR MACRO
		010-014	Null
		015-019	Medium Yellow
		020-024	Fire
		025-029	Gold Amber
		030-034	Sunset Red
			Medium Pink

CHANNEL		VALUE	FUNCTION
		035-039	Light Lavender
		040-044	Lavender
		045-049	Sky Blue
		050-054	Just Blue
		055-059	Lime Green
		060-064	Moss Green
		065-069	Dark Yellow Green
		070-073	Spring Yellow
		074-078	Yellow
		079-083	Light Amber
		084-088	Straw
		089-093	Deep Amber
		094-098	Orange
		099-103	Dark Pink
		104-108	Peacock Blue
		109-113	Medium Blue-Green
		114-118	Steel Blue
		119-123	Light Blue
		124-128	Deep Blue
		129-132	LEE Green
		133-137	Fern Green
		138-142	Dark Green
		143-147	Mauve
		148-152	Bright Pink
		153-157	Medium Blue
		158-162	Deep Golden Amber
		163-167	Pale Lavender
		168-172	Special Lavender
		173-177	Pale Green
		178-182	Primary Green
		183-187	Bright Blue
		188-192	Apricot
		193-196	Pale Gold
		197-201	Pink
		202-206	Bastard Amber
		207-211	Flame Red
		212-216	Daylight Blue
		217-221	Deep Lavender
		222-226	Congo Blue
		227-231	Surprise Pink
		232-236	Alice Blue
		237-241	Full C.T. Blue (3200K to 5700K)
		242-246	Half C.T. Blue (3200K to 4300K)

CHANNEL		VALUE	FUNCTION
		247-251 252-255	Lighter Blue Millennium Gold
	8	000-255	Cross Fade
6	9	000-042 043-085 086-127 128-255	FROST 1 No Function Frost 1 Frost 2 0%→100%
7	10	000-042 043-085 086-127 128-255	FROST 2 No Function Frost 1 Frost 2 0%→100%
8	11	000-042 043-085 086-127 128-255	FROST 3 No Function Frost 1 Frost 2 0%→100%
9	12	000-042 043-085 086-127 128-255	FROST 4 No Function Frost 1 Frost 2 0%→100%
10	13	000-255	RED 1 0%→100%
11	14	000-255	GREEN 1 0%→100%
12	15	000-255	BLUE 1 0%→100%
13	16	000-255	WHITE 1 0%→100%
14	17	000-255	AMBER 1 0%→100%
15	18	000-255	CYAN 1 0%→100%
16	19	000-255	UV 1 0%→100%
17	20	000-255	RED 2 0%→100%
18	21		GREEN 2

CHANNEL		VALUE	FUNCTION
		000-255	0%→100%
19	22	000-255	BLUE 2 0%→100%
20	23	000-255	WHITE 2 0%→100%
21	24	000-255	AMBER 2 0%→100%
22	25	000-255	CYAN 2 0%→100%
23	26	000-255	UV 2 0%→100%
24	27	000-255	RED 3 0%→100%
25	28	000-255	GREEN 3 0%→100%
26	29	000-255	BLUE 3 0%→100%
27	30	000-255	WHITE 3 0%→100%
28	31	000-255	AMBER 3 0%→100%
29	32	000-255	CYAN 3 0%→100%
30	33	000-255	UV 3 0%→100%
31	34	000-255	RED 4 0%→100%
32	35	000-255	GREEN 4 0%→100%
33	36	000-255	BLUE 4 0%→100%
34	37	000-255	WHITE 4 0%→100%
35	38	000-255	AMBER 4 0%→100%
36	39	000-255	CYAN 4 0%→100%
37	40	000-255	UV 4 0%→100%

CHANNEL		VALUE	FUNCTION
38	41	000-255	RED 5 0%→100%
39	42	000-255	GREEN 5 0%→100%
40	43	000-255	BLUE 5 0%→100%
41	44	000-255	WHITE 5 0%→100%
42	45	000-255	AMBER 5 0%→100%
43	46	000-255	CYAN 5 0%→100%
44	47	000-255	UV 5 0%→100%