

Valid from firmware version: V1.0

9 CH / 11 CH:

CHANNEL		VALUE	FUNCTION
9ch	11ch		
1	1	000-255	RED 0%→100%
2	2	000-255	GREEN 0%→100%
3	3	000-255	BLUE 0%→100%
4	4	000-255	AMBER 0%→100%
5	5	000-255	WARM WHITE 0%→100%
			COLOR MACRO
		000-009	Null
		010-016	Color 1
		017-023	Color 2
		024-030	Color 3
		031-037	Color 4
		038-044	Color 5
		045-051	Color 6
		052-058	Color 7
		059-065	Color 8
		066-072	Color 9
		073-079	Color 10
		080-086	Color 11
		087-093	Color 12
		094-100	Color 13
		101-107	Color 14
		108-114	Color 15
		115-121	Color 16
		122-128	Color 17
		129-135	Color 18
		136-142	Color 19
		143-149	Color 20
		150-156	Color 21
		157-163	Color 22
		164-170	Color 23
		171-177	Color 24
		178-184	Color 25

		185-191 192-198 199-205 206-212 213-219 220-226 227-233 234-255	Color 26 Color 27 Color 28 Color 29 Color 30 Color 31 Color 32 Color 33
	7	000 001-004 005-009 010-013 014-018 019-022 023-027 028-031 032-036 037-040 041-045 046-049 050-054 055-058 059-063 064-067 068-072 073-076 077-081 082-085 086-090 091-094 095-099 100-103 104-108 109-112 113-117 118-121 122-126 127-130 131-135 136-139 140-144 145-148 149-153	CTO Null 8000K 7900K 7800K 7700K 7600K 7500K 7400K 7300K 7200K 7100K 7000K 6900K 6800K 6700K 6600K 6500K 6400K 6300K 6200K 6100K 6000K 5900K 5800K 5700K 5600K 5500K 5400K 5300K 5200K 5100K 5000K 4900K 4800K 4700K

		154-157 158-162 163-166 167-171 172-175 176-180 181-184 185-189 190-193 194-198 199-202 203-207 208-211 212-216 217-220 221-225 226-229 230-234 235-238 239-243 244-247 248-255	4600K 4500K 4400K 4300K 4200K 4100K 4000K 3900K 3800K 3700K 3600K 3500K 3400K 3300K 3200K 3100K 3000K 2900K 2800K 2700K 2600K 2500K
6	8	000-255	DIMMER 0%→100%
7	9	000-255	DIMMER FINE
8	10	000-005 006-123 124-127 128-185 186-190 191-249 250-255	STROBE Open Flash Rate, Slow to Fast Open 2 LEDs Random Strobe at the same time, Slow to Fast Open 2 LEDs Random Strobe respectively, Slow to Fast Open
9	11	000-029 030-039 040-049 050-059 060-069	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

		070-099	Null
		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
		140-209	Null
		210-219	Dimmer Speed: Fast
		220-229	Dimmer Speed: Smooth
		230-239	Dimmer Speed: Tungsten
		240-249	Dimmer Speed: All Tungsten
		250-255	Null

14 CH / 16 CH:

CHANNEL		VALUE	FUNCTION
14ch	16ch		
1	1	000-255	RED 1 0%→100%
2	2	000-255	GREEN 1 0%→100%
3	3	000-255	BLUE 1 0%→100%
4	4	000-255	AMBER 1 0%→100%
5	5	000-255	WARM WHITE 1 0%→100%
6	6	000-255	RED 2 0%→100%
7	7	000-255	GREEN 2 0%→100%
8	8	000-255	BLUE 2 0%→100%
9	9	000-255	AMBER 2 0%→100%
10	10	000-255	WARM WHITE 2 0%→100%
	11	000-009 010-016 017-023 024-030 031-037 038-044 045-051 052-058 059-065 066-072 073-079 080-086 087-093 094-100 101-107 108-114 115-121	COLOR MACRO Null Color 1 Color 2 Color 3 Color 4 Color 5 Color 6 Color 7 Color 8 Color 9 Color 10 Color 11 Color 12 Color 13 Color 14 Color 15 Color 16

		122-128 129-135 136-142 143-149 150-156 157-163 164-170 171-177 178-184 185-191 192-198 199-205 206-212 213-219 220-226 227-233 234-255	Color 17 Color 18 Color 19 Color 20 Color 21 Color 22 Color 23 Color 24 Color 25 Color 26 Color 27 Color 28 Color 29 Color 30 Color 31 Color 32 Color 33
	12	000 001-004 005-009 010-013 014-018 019-022 023-027 028-031 032-036 037-040 041-045 046-049 050-054 055-058 059-063 064-067 068-072 073-076 077-081 082-085 086-090 091-094 095-099 100-103 104-108 109-112	CTO Null 8000K 7900K 7800K 7700K 7600K 7500K 7400K 7300K 7200K 7100K 7000K 6900K 6800K 6700K 6600K 6500K 6400K 6300K 6200K 6100K 6000K 5900K 5800K 5700K 5600K

		113-117 118-121 122-126 127-130 131-135 136-139 140-144 145-148 149-153 154-157 158-162 163-166 167-171 172-175 176-180 181-184 185-189 190-193 194-198 199-202 203-207 208-211 212-216 217-220 221-225 226-229 230-234 235-238 239-243 244-247 248-255	5500K 5400K 5300K 5200K 5100K 5000K 4900K 4800K 4700K 4600K 4500K 4400K 4300K 4200K 4100K 4000K 3900K 3800K 3700K 3600K 3500K 3400K 3300K 3200K 3100K 3000K 2900K 2800K 2700K 2600K 2500K
11	13	000-255	DIMMER 0%→100%
12	14	000-255	DIMMER FINE
13	15	000-005 006-123 124-127 128-185 186-190 191-249 250-255	STROBE Open Flash Rate, Slow to Fast Open 2 LEDs Random Strobe at the same time, Slow to Fast Open 2 LEDs Random Strobe respectively, Slow to Fast Open

		SPECIAL FUNCTION (To activate following functions, stop in DMX value for at least 3 seconds.)	
14	16	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
		070-099	Null
		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
		140-209	Null
		210-219	Dimmer Speed: Fast
		220-229	Dimmer Speed: Smooth
		230-239	Dimmer Speed: Tungsten
		240-249	Dimmer Speed: All Tungsten
		250-255	Null

(WW) 1 CH / 2 CH / 4 CH / 6 CH:

CHANNEL				VALUE	FUNCTION
1ch	2ch	4ch	6ch		
	1	1	1	000-255	 LED 1 DIMMER 0%→100%
			2	000-255	 LED 1 DIMMER FINE 0%→100%
	2	2	3	000-255	 LED 2 DIMMER 0%→100%
			4	000-255	 LED 2 DIMMER FINE 0%→100%
1		3	5	000-255	 DIMMER 0%→100%
		4	6	000-005 006-123 124-127 128-185 186-190 191-249 250-255	STROBE Open Flash Rate, Slow to Fast Open 2 LEDs Random Strobe at the same time, Slow to Fast Open 2 LEDs Random Strobe respectively, Slow to Fast Open

(RGBW) 6 CH / 7 CH / 10 CH:

CHANNEL			VALUE	FUNCTION
6ch	7ch	10ch		
1	1		000-255	RED 0%→100%
2	2		000-255	GREEN 0%→100%
3	3		000-255	BLUE 0%→100%
4	4		000-255	WHITE 0%→100%
		1	000-255	RED 1 0%→100%
		2	000-255	GREEN 1 0%→100%
		3	000-255	BLUE 1 0%→100%
		4	000-255	WHITE 1 0%→100%
		5	000-255	RED 2 0%→100%
		6	000-255	GREEN 2 0%→100%
		7	000-255	BLUE 2 0%→100%
		8	000-255	WHITE 2 0%→100%
5	6	9	000-255	DIMMER 0%→100%
6	7	10	000-005 006-123 124-127 128-185 186-190 191-249 250-255	STROBE Open Flash Rate, Slow to Fast Open 2 LEDs Random Strobe at the same time, Slow to Fast Open 2 LEDs Random Strobe respectively, Slow to Fast Open
	5			COLOR MACRO

			000-007	Null
			008-015	Color 1
			016-023	Color 2
			024-031	Color 3
			032-039	Color 4
			040-047	Color 5
			048-055	Color 6
			056-063	Color 7
			064-071	Color 8
			072-079	Color 9
			080-087	Color 10
			088-095	Color 11
			096-103	Color 12
			104-111	Color 13
			112-119	Color 14
			120-127	Color 15
			128-135	Color 16
			136-143	Color 17
			144-151	Color 18
			152-159	Color 19
			160-167	Color 20
			168-175	Color 21
			176-183	Color 22
			184-191	Color 23
			192-199	Color 24
			200-207	Color 25
			208-213	Color 26
			214-219	Color 27
			220-225	Color 28
			226-231	Color 29
			232-237	Color 30
			238-243	Color 31
			244-249	Color 32
			250-255	Color 33