

USER MANUAL

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Dyno 650C/1200C

DMX REFERENCE GUIDE

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CCT & RGBW 8bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-255	0-100	CCT(2700K-MAX)	Boost mode: MAX = 7500K Standard mode: MAX = 20000K
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	CROSSFADE CCT to RGBW	
5	0-255	0-100	Red Intensity	
6	0-255	0-100	Green Intensity	
7	0-255	0-100	Blue Intensity	
8	0-255	0-100	White Intensity	

CCT & RGBW 8bit

CHANNEL	VALUE	%	FUNCTION	NOTES
9	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
10	0-85 86-170 171-255	0-33 34-67 68-100	CCT LIGHTING MODE Use CCT lighting mode setting of fixture menu STANDARD BOOST	
11-12			RESERVED	

CCT & RGBW 16bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1-2	0-65535	0-100	Dimmer 0.0% to 100.0%	
3-4	0-65535	0-100	CCT(2700K-MAX)	Boost mode: MAX = 7500K Standard mode: MAX = 20000K
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7-8	0-65535	0-100	CROSSFADE CCT to RGBW	
9-10	0-65535	0-100	Red Intensity	
11-12	0-65535	0-100	Green Intensity	
13-14	0-65535	0-100	Blue Intensity	
15-16	0-65535	0-100	White Intensity	

CCT & RGBW 16bit

CHANNEL	VALUE	%	FUNCTION	NOTES
17	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
18	0-85 86-170 171-255	0-33 34-67 68-100	CCT LIGHTING MODE Use CCT lighting mode setting of fixture menu STANDARD BOOST	
19-22			RESERVED	

CCT & HSI 8bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-255	0-100	CCT(2700K-MAX)	Boost mode: MAX = 7500K Standard mode: MAX = 20000K
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-255	0-100	CROSSFADE CCT to HSI	
5	0-255	0-100	HUE 0 to 360 Degrees	
6	0-255	0-100	SAT 0 to Full Saturation	

CCT & HSI 8bit

CHANNEL	VALUE	%	FUNCTION	NOTES
7	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
8	0-85 86-170 171-255	0-33 34-67 68-100	CCT LIGHTING MODE Use CCT lighting mode setting of fixture menu STANDARD BOOST	
9-10			RESERVED	

CCT & HSI 16bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1-2	0-65535	0-100	Dimmer 0.0% to 100.0%	
3-4	0-65535	0-100	CCT(2700K-MAX)	Boost mode: MAX = 7500K Standard mode: MAX = 20000K
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7-8	0-65535	0-100	CROSSFADE CCT to HSI	
9-10	0-65535	0-100	HUE 0 to 360 Degrees	
11-12	0-65535	0-100	SAT 0 to Full Saturation	

CCT & HSI 16bit

CHANNEL	VALUE	%	FUNCTION	NOTES
13	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
14	0-85 86-170 171-255	0-33 34-67 68-100	CCT LIGHTING MODE Use CCT lighting mode setting of fixture menu STANDARD BOOST	
15-18			RESERVED	

CCT 8bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-255	0-100	CCT(2700K-MAX)	Boost mode: MAX = 7500K Standard mode: MAX = 20000K
3	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
4	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
5	0-85 86-170 171-255	0-33 34-67 68-100	CCT LIGHTING MODE Use CCT lighting mode setting of fixture menu STANDARD BOOST	
6-7			RESERVED	

CCT 16bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1-2	0-65535	0-100	Dimmer 0.0% to 100.0%	
3-4	0-65535	0-100	CCT(2700K-MAX)	Boost mode: MAX = 7500K Standard mode: MAX = 20000K
5-6	0-5000 5001-10000 10001-29999 30000-40000 40001-59999 60000-65535	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	
7	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
8	0-85 86-170 171-255	0-33 34-67 68-100	CCT LIGHTING MODE Use CCT lighting mode setting of fixture menu STANDARD BOOST	
9-12			RESERVED	

HSI 8bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-255	0-100	HUE 0 to 360 Degrees	
3	0-255	0-100	SAT 0 to Full Saturation	
4	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
5-6			RESERVED	

HSI 16bit				
CHANNEL	VALUE	%	FUNCTION	NOTES
1-2	0-65535	0-100	Dimmer 0.0% to 100.0%	
3-4	0-65535	0-100	HUE 0 to 360 Degrees	
5-6	0-65535	0-100	SAT 0 to Full Saturation	
7	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
8-11			RESERVED	

RGBW 8bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-255	0-100	Red Intensity	
3	0-255	0-100	Green Intensity	
4	0-255	0-100	Blue Intensity	
5	0-255	0-100	White Intensity	
6	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
7-8			RESERVED	

RGBW 16bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1-2	0-65535	0-100	Dimmer 0.0% to 100.0%	
3-4	0-65535	0-100	Red Intensity	
5-6	0-65535	0-100	Green Intensity	
7-8	0-65535	0-100	Blue Intensity	
9-10	0-65535	0-100	White Intensity	
11	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
12-15			RESERVED	

XY 8bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-255	0-100	X COORDINATE 0.160 to 0.680	
3	0-255	0-100	Y COORDINATE 0.070 to 0.690	
4	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
5-6			RESERVED	

XY 16bit

CHANNEL	VALUE	%	FUNCTION	NOTES
1-2	0-65535	0-100	Dimmer 0.0% to 100.0%	
3-4	0-65535	0-100	X COORDINATE 0.160 to 0.680	
5-6	0-65535	0-100	Y COORDINATE 0.070 to 0.690	
7	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
8-11			RESERVED	

ULTIMATE DMX 8bit - CCT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-31 32-63 64-95 96-127 128-159 160-191 192-255	0-12 13-24 25-37 38-50 51-62 63-75 76-100	MODE CCT HSI RGBW XY GEL EFFECT RESERVED	0 ≤ value ≤ 31
3	0-255	0-100	CCT[2700K-MAX]	Boost mode: MAX = 7500K Standard mode: MAX = 20000K
4	0-10 11-20 21-119 120-145 146-244 245-255	0-4 5-8 9-47 48-57 58-96 97-100	GREEN/MAGENTA Neutral/No Effect -100 Green -99 to -1 Green Neutral/No Effect +1 to +99 Green +100 Green	

ULTIMATE DMX 8bit - CCT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
5	0-85 86-170 171-255	0-33 34-67 68-100	CCT LIGHTING MODE Use CCT lighting mode setting of fixture menu STANDARD BOOST	
6			N/A	
7	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
8-15			N/A	

ULTIMATE DMX 8bit - HSI MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-31 32-63 64-95 96-127 128-159 160-191 192-255	0-12 13-24 25-37 38-50 51-62 63-75 76-100	MODE CCT HSI RGBW XY GEL EFFECT RESERVED	32 ≤ value ≤ 63
3	0-255	0-100	HUE 0 to 360 Degrees	
4	0-255	0-100	SAT 0 to Full Saturation	
5			N/A	
6			N/A	
7	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
8-15			N/A	

ULTIMATE DMX 8bit - RGBW MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-31 32-63 64-95 96-127 128-159 160-191 192-255	0-12 13-24 25-37 38-50 51-62 63-75 76-100	MODE CCT HSI RGBW XY GEL EFFECT RESERVED	64 ≤ value ≤ 95
3	0-255	0-100	Red Intensity	
4	0-255	0-100	Green Intensity	
5	0-255	0-100	Blue Intensity	
6	0-255	0-100	White Intensity	
7	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
8-15			N/A	

ULTIMATE DMX 8bit - XY MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-31 32-63 64-95 96-127 128-159 160-191 192-255	0-12 13-24 25-37 38-50 51-62 63-75 76-100	MODE CCT HSI RGBW XY GEL EFFECT RESERVED	96 ≤ value ≤ 127
3	0-255	0-100	X COORDINATE 0.160 to 0.680	
4	0-255	0-100	Y COORDINATE 0.070 to 0.690	
5			N/A	
6			N/A	
7	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
8-15			N/A	

ULTIMATE DMX 8bit - GEL MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-31 32-63 64-95 96-127 128-159 160-191 192-255	0-12 13-24 25-37 38-50 51-62 63-75 76-100	MODE CCT HSI RGBW XY GEL EFFECT RESERVED	128 ≤ value ≤ 159
3	0-127 128-255	0-50 51-100	GEL CCT 3200K 5600K	
4	0-255	0-100	GEL NO. See Gel number chart	
5			N/A	
6			N/A	
7	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
8-15			N/A	

GEL NUMBER CHART

VALUE	%	GEL NAME
0-5	0-2	DOUBLE CTB
6-11	3-4	FULL CTB
12-17	5-7	1/2 CTB
18-23	8-9	1/4 CTB
24-29	10-11	1/8 CTB
30-35	12-14	DOUBLE CTO
36-41	15-16	FULL CTO
42-47	17-18	1/2 CTO
48-53	19-21	1/4 CTO
54-59	22-23	1/8 CTO
60-65	24-25	Blue 15
66-71	26-28	Blue 30
72-77	29-30	Blue 60
78-83	31-33	Blue 90

GEL NUMBER CHART

VALUE	%	GEL NAME
84-88	34-35	Cyan 07
89-94	36-37	Cyan 15
95-100	38-39	Cyan 30
101-106	40-42	Cyan 60
107-112	43-44	Cyan 90
113-118	45-46	Green 15
119-124	47-49	Green 30
125-130	50-51	Green 60
131-136	52-53	Green 90
137-142	54-56	Yellow 15
143-148	57-58	Yellow 30
149-154	59-60	Yellow 60
155-160	61-63	Yellow 90
161-166	64-65	Red 15

GEL NUMBER CHART		
VALUE	%	GEL NAME
167-171	66-67	Red 30
172-177	68-69	Red60
178-183	70-72	Red 90
184-189	73-74	Magenta 15
190-195	75-76	Magenta 30
196-201	77-79	Magenta 60
202-207	80-81	Magenta 90
208-213	82-84	Pink 15
214-219	85-86	Pink 30
220-225	87-88	Pink 60
226-231	89-91	Pink 90
232-237	92-93	Lavender 15
238-243	94-95	Lavender 30
244-249	96-98	Lavender 60

GEL NUMBER CHART		
VALUE	%	GEL NAME
250-255	99-100	Lavender 90

ULTIMATE DMX 8bit - EFFECT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
1	0-255	0-100	Dimmer 0.0% to 100.0%	
2	0-31 32-63 64-95 96-127 128-159 160-191 192-255	0-12 13-24 25-37 38-50 51-62 63-75 76-100	MODE CCT HSI RGBW XY GEL EFFECT RESERVED	160 ≤ value ≤ 191
3	0-12 13-25 26-38 39-51 52-63 64-76 77-89 90-102 103-114 115-127 128-140 141-153 154-165 166-178 179-191 192-255	0-5 6-10 11-15 16-20 21-25 26-30 31-35 36-40 41-45 46-50 51-55 56-60 61-65 66-70 71-75 76-100	EFFECT MODE HUE LOOP CCT LOOP INT LOOP FLASH PULSE STORM POLICE CAR TV PAPARAZZI CANDLE/FIRE DISCO BAD BULB FIREWORK EXPLOSION WELDING RESERVED	

ULTIMATE DMX 8bit - EFFECT MODE

CHANNEL	VALUE	%	FUNCTION	NOTES
4	0-255	0-100	DMX EFFECTS PARAMETER #1	See DMX Effects chart
5	0-255	0-100	DMX EFFECTS PARAMETER #2	See DMX Effects chart
6	0-255	0-100	DMX EFFECTS PARAMETER #3	See DMX Effects chart
7	0-85 86-170 171-255	0-33 34-67 68-100	FAN CONTROL FULL SPEED HALF SPEED OFF	
8	0-255	0-100	DMX EFFECTS PARAMETER #4	See DMX Effects chart
9	0-255	0-100	DMX EFFECTS PARAMETER #5	See DMX Effects chart
10	0-255	0-100	DMX EFFECTS PARAMETER #6	See DMX Effects chart
11	0-255	0-100	DMX EFFECTS PARAMETER #7	See DMX Effects chart
12	0-255	0-100	DMX EFFECTS PARAMETER #8	See DMX Effects chart
13	0-255	0-100	DMX EFFECTS PARAMETER #9	See DMX Effects chart
14	0-255	0-100	DMX EFFECTS PARAMETER #10	See DMX Effects chart
15	0-255	0-100	DMX EFFECTS PARAMETER #11	See DMX Effects chart

DMX EFFECT CHART

EFFECT	HUE LOOP 0 ≤ value ≤ 12			
CH4/PARAMETER #1	HUE1			
CH5/PARAMETER #2	HUE2			
CH6/PARAMETER #3	SAT			
CH8/PARAMETER #4	SPEED			
CH9/PARAMETER #5	CYCLE: ONE WAY = 0-85[0%-33%] CYCLE: TWO WAY = 86-170[34%-66%] CYCLE: REVERSE = 171-255[67%-100%]			
CH10/PARAMETER #6	ADD-ON: OFF = 0-63[0%-25%]	ADD-ON: FLASH = 64-127 [26%-50%]	ADD-ON: RANDOM FLASH = 128-191[51%-75%]	ADD-ON: PULSE = 192-255 [76%-100%]
CH11/PARAMETER #7	N/A	INTERVALS	SPEED	PULSES/MIN
CH12/PARAMETER #8	N/A	FLASH RATIO	N/A	N/A
CH13/PARAMETER #9	N/A			
CH14/PARAMETER #10	N/A			
CH15/PARAMETER #11	N/A			

DMX EFFECT CHART

EFFECT	CCT LOOP 13 ≤ value ≤ 25			
CH4/PARAMETER #1	CCT1			
CH5/PARAMETER #2	CCT2			
CH6/PARAMETER #3	G/M			
CH8/PARAMETER #4	SPEED			
CH9/PARAMETER #5	CYCLE: ONE WAY = 0-85[0%-33%] CYCLE: TWO WAY = 86-170[34%-66%] CYCLE: REVERSE = 171-255[67%-100%]			
CH10/PARAMETER #6	ADD-ON: OFF = 0-63[0%-25%]	ADD-ON: FLASH = 64-127 [26%-50%]	ADD-ON: RANDOM FLASH = 128-191[51%-75%]	ADD-ON: PULSE = 192-255 [76%-100%]
CH11/PARAMETER #7	N/A	INTERVALS	SPEED	PULSES/MIN
CH12/PARAMETER #8	N/A	FLASH RATIO	N/A	N/A
CH13/PARAMETER #9	N/A			
CH14/PARAMETER #10	N/A			
CH15/PARAMETER #11	N/A			

DMX EFFECT CHART

EFFECT	INT LOOP 26 ≤ value ≤ 38			
Ch4/PARAMETER #1	DIM LOW			
CH5/PARAMETER #2	COLOR: CCT MODE = 0-127[0%-50%]		COLOR: HSI MODE = 128-255[51%-100%]	
CH6/PARAMETER #3	CCT		HUE	
CH8/PARAMETER #4	G/M		SAT	
CH9/PARAMETER #5	SPEED			
CH10/PARAMETER #6	CYCLE: ONE WAY = 0-85[0%-33%] CYCLE: TWO WAY = 86-170[34%-66%] CYCLE: REVERSE = 171-255[67%-100%]			
CH11/PARAMETER #7	ADD-ON: OFF = 0-63[0%-25%]	ADD-ON: FLASH = 64-127 [26%-50%]	ADD-ON: RANDOM FLASH = 128-191[51%-75%]	ADD-ON: PULSE = 192-255 [76%-100%]
CH12/PARAMETER #8	N/A	INTERVALS	SPEED	PULSES/MIN
CH13/PARAMETER #9	N/A	FLASH RATIO	N/A	N/A
CH14/PARAMETER #10	N/A			
CH15/PARAMETER #11	N/A			

DMX EFFECT CHART

EFFECT	FLASH 39 ≤ value ≤ 51	
CH4/PARAMETER #1	COLOR: CCT MODE = 0-127(0%-50%)	COLOR: HSI MODE = 128-255(51%-100%)
CH5/PARAMETER #2	CCT	HUE
CH6/PARAMETER #3	G/M	SAT
CH8/PARAMETER #4	INTERVALS	
CH9/PARAMETER #5	FLASH RATIO	
CH10/PARAMETER #6	PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%)	
CH11/PARAMETER #7	N/A	
CH12/PARAMETER #8	N/A	
CH13/PARAMETER #9	N/A	
CH14/PARAMETER #10	N/A	
CH15/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	PULSE 52 ≤ value ≤ 63	
CH4/PARAMETER #1	COLOR: CCT MODE = 0-127(0%-50%)	COLOR: HSI MODE = 128-255(51%-100%)
CH5/PARAMETER #2	CCT	HUE
CH6/PARAMETER #3	G/M	SAT
CH8/PARAMETER #4	PULSES/MIN	
CH9/PARAMETER #5	N/A	
CH10/PARAMETER #6	N/A	
CH11/PARAMETER #7	N/A	
CH12/PARAMETER #8	N/A	
CH13/PARAMETER #9	N/A	
CH14/PARAMETER #10	N/A	
CH15/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	STORM 64 ≤ value ≤ 76	
CH4/PARAMETER #1	CCT	
CH5/PARAMETER #2	FLASH TIMES HIGH	
CH6/PARAMETER #3	FLASH TIMES LOW	
CH8/PARAMETER #4	TRIGGER: AUTO = 0-127(0%-50%)	TRIGGER: MANUAL = 128-255(51%-100%)
CH9/PARAMETER #5	INTERVAL HIGH	Trigger: OFF = 0-127(0%-50%) Trigger: ON = 128-255(51%-100%)
CH10/PARAMETER #6	INTERVAL LOW	N/A
CH11/PARAMETER #7	PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%)	N/A
CH12/PARAMETER #8	N/A	
CH13/PARAMETER #9	N/A	
CH14/PARAMETER #10	N/A	
CH15/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	POLICE CAR 77 ≤ value ≤ 89
Ch4/PARAMETER #1	COLOR: B = 0-63(0%-25%) COLOR: RB = 64-127(26%-50%) COLOR: BW = 128-191(51%-75%) COLOR: RBW = 192-255(76-100%)
CH5/PARAMETER #2	MODE: SINGLE = 0-63(0%-25%) MODE: DOUBLE = 64-127(26%-50%) MODE: TRIPLE = 128-191(51%-75%) MODE: QUAD = 192-255(76-100%)
CH6/PARAMETER #3	SPEED
CH8/PARAMETER #4	N/A
CH9/PARAMETER #5	N/A
CH10/PARAMETER #6	N/A
CH11/PARAMETER #7	N/A
CH12/PARAMETER #8	N/A
CH13/PARAMETER #9	N/A
CH14/PARAMETER #10	N/A
CH15/PARAMETER #11	N/A

DMX EFFECT CHART

EFFECT	TV 90 ≤ value ≤ 102	
CH4/PARAMETER #1	DIM LOW	
CH5/PARAMETER #2	COLOR: CCT MODE = 0-127(0%-50%)	COLOR: HSI MODE = 128-255(51%-100%)
CH6/PARAMETER #3	CCT	HUE
CH8/PARAMETER #4	G/M	SAT
CH9/PARAMETER #5	CCT SHIFT	HUE SHIFT
CH10/PARAMETER #6	SPEED	
CH11/PARAMETER #7	N/A	
CH12/PARAMETER #8	N/A	
CH13/PARAMETER #9	N/A	
CH14/PARAMETER #10	N/A	
CH15/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	PAPARAZZI 103 ≤ value ≤ 114
CH4/PARAMETER #1	CCT
CH5/PARAMETER #2	G/M
CH6/PARAMETER #3	SPEED
CH8/PARAMETER #4	N/A
CH9/PARAMETER #5	N/A
CH10/PARAMETER #6	N/A
CH11/PARAMETER #7	N/A
CH12/PARAMETER #8	N/A
CH13/PARAMETER #9	N/A
CH14/PARAMETER #10	N/A
CH15/PARAMETER #11	N/A

DMX EFFECT CHART

EFFECT	CANDLE/FIRE 115 ≤ value ≤ 127	
CH4/PARAMETER #1	DIM LOW	
CH5/PARAMETER #2	COLOR:CCT MODE = 0-127(0%-50%)	COLOR:HSI MODE = 128-255(51%-100%)
CH6/PARAMETER #3	CCT	HUE
CH8/PARAMETER #4	G/M	SAT
CH9/PARAMETER #5	CCT SHIFT	HUE SHIFT
CH10/PARAMETER #6	SPEED	
CH11/PARAMETER #7	FLICKER: OFF = 0-127(0%-50%) FLICKER: ON = 128-255(51%-100%)	
CH12/PARAMETER #8	N/A	
CH13/PARAMETER #9	N/A	
CH14/PARAMETER #10	N/A	
CH15/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	DISCO 128 ≤ value ≤ 140	
CH4/PARAMETER #1	COLOR: DEFAULT = 0-127[0%-50%]	COLOR: MANUAL = 128-255[51%-100%]
CH5/PARAMETER #2	AMOUNT: 3 = 0-31[0%-12%] AMOUNT: 6 = 32-63[13%-25%] AMOUNT: 9 = 64-95[26%-37%] AMOUNT: 12 = 96-127[38%-50%] AMOUNT: 15 = 128-159[51%-62%] AMOUNT: 18 = 160-191[63%-75%] AMOUNT: 21 = 192-223[76%-87%] AMOUNT: 24 = 224-255[88%-100%]	AMOUNT: 1 = 0-42[0%-16%] AMOUNT: 2 = 43-85[17%-33%] AMOUNT: 3 = 86-127[34%-50%] AMOUNT: 4 = 128-170[51%-66%] AMOUNT: 5 = 171-212[67%-83%] AMOUNT: 6 = 213-255[84%-100%]
CH6/PARAMETER #3	SPEED	
CH8/PARAMETER #4	SAT	
CH9/PARAMETER #5	N/A	C1 HUE
CH10/PARAMETER #6	N/A	C2 HUE
CH11/PARAMETER #7	N/A	C3 HUE
CH12/PARAMETER #8	N/A	C4 HUE
CH13/PARAMETER #9	N/A	C5 HUE
CH14/PARAMETER #10	N/A	C6 HUE
CH15/PARAMETER #11	N/A	N/A

DMX EFFECT CHART

EFFECT	BAD BULB 141 ≤ value ≤ 153	
CH4/PARAMETER #1	COLOR: CCT MODE = 0-127[0%-50%]	COLOR: HSI MODE = 128-255[51%-100%]
CH5/PARAMETER #2	CCT	HUE
CH6/PARAMETER #3	G/M	SAT
CH8/PARAMETER #4	INTENSITY	
CH9/PARAMETER #5	SPEED	
CH10/PARAMETER #6	N/A	
CH11/PARAMETER #7	N/A	
CH12/PARAMETER #8	N/A	
CH13/PARAMETER #9	N/A	
CH14/PARAMETER #10	N/A	
CH15/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	FIREWORK 154 ≤ value ≤ 165		
	COLOR: DEFAULT = 0-85(0%-33%)	COLOR: MANUAL = 86-170(34%-66%)	COLOR: CCT MODE = 171-255(67%-100%)
CH4/PARAMETER #1			
CH5/PARAMETER #2	AMOUNT: 3 = 0-31(0%-12%) AMOUNT: 6 = 32-63(13%-25%) AMOUNT: 9 = 64-95(26%-37%) AMOUNT: 12 = 96-127(38%-50%) AMOUNT: 15 = 128-159(51%-62%) AMOUNT: 18 = 160-191(63%-75%) AMOUNT: 21 = 192-223(76%-87%) AMOUNT: 24 = 224-255(88%-100%)	AMOUNT: 1 = 0-42(0%-16%) AMOUNT: 2 = 43-85(17%-33%) AMOUNT: 3 = 86-127(34%-50%) AMOUNT: 4 = 128-170(51%-66%) AMOUNT: 5 = 171-212(67%-83%) AMOUNT: 6 = 213-255(84%-100%)	CCT
CH6/PARAMETER #3	SAT		G/M
CH8/PARAMETER #4	SPEED		
CH9/PARAMETER #5	DECAY		
CH10/PARAMETER #6	N/A	C1 HUE	CCT SHIFT
CH11/PARAMETER #7	N/A	C2 HUE	N/A
CH12/PARAMETER #8	N/A	C3 HUE	N/A
CH13/PARAMETER #9	N/A	C4 HUE	N/A
CH14/PARAMETER #10	N/A	C5 HUE	N/A
CH15/PARAMETER #11	N/A	C6 HUE	N/A

DMX EFFECT CHART

EFFECT	EXPLOSION 166 ≤ value ≤ 178	
CH4/PARAMETER #1	COLOR: CCT MODE = 0-127(0%-50%)	COLOR: HSI MODE = 128-255(51%-100%)
CH5/PARAMETER #2	CCT	HUE
CH6/PARAMETER #3	G/M	SAT
CH8/PARAMETER #4	DECAY	
CH9/PARAMETER #5	TRIGGER: AUTO = 0-127(0%-50%)	TRIGGER: MANUAL = 128-255(51%-100%)
CH10/PARAMETER #6	SPEED	Trigger: OFF = 0-127(0%-50%) Trigger: ON = 128-255(51%-100%)
CH11/PARAMETER #7	N/A	
CH12/PARAMETER #8	N/A	
CH13/PARAMETER #9	N/A	
CH14/PARAMETER #10	N/A	
CH15/PARAMETER #11	N/A	

DMX EFFECT CHART

EFFECT	WELDING 179 ≤ value ≤ 191	
CH4/PARAMETER #1	DIM LOW	
CH5/PARAMETER #2	COLOR: CCT MODE = 0-127(0%-50%)	COLOR: HSI MODE = 128-255(51%-100%)
CH6/PARAMETER #3	CCT	HUE
CH8/PARAMETER #4	G/M	SAT
CH9/PARAMETER #5	SPEED	
CH10/PARAMETER #6	PAUSE: OFF = 0-127(0%-50%) PAUSE: ON = 128-255(51%-100%)	
CH11/PARAMETER #7	N/A	
CH12/PARAMETER #8	N/A	
CH13/PARAMETER #9	N/A	
CH14/PARAMETER #10	N/A	
CH15/PARAMETER #11	N/A	

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