

DMX MODE - ADVANCED

<i>DMX Parameter</i>	<i>ADVANCED MODE</i>
1	RED
2	RED FINE
3	GREEN
4	GREEN FINE
5	BLUE
6	BLUE FINE
7	AMBER
8	AMBER FINE
9	LIME
10	LIME FINE
11	ROYAL BLUE
12	ROYAL BLUE FINE
13	CTC
14	CRI
15	TINT
16	VIRTUAL COLORS 1

<i>DMX Parameter</i>	<i>ADVANCED MODE</i>
17	VIRTUAL COLORS 2
18	VIRTUAL RED
19	VIRTUAL GREEN
20	VIRTUAL BLUE
21	VIRTUAL AMBER
22	VIRTUAL LIME
23	VIRTUAL ROYAL BLUE
24	CROSSFADE
25	COLOR MODE
26	STROBE
27	DIMMER
28	DIMMER FINE
29	FUNCTION
30	FREQUENCY
31	DIGITAL FILTERS

DMX MODE STANDARD

<i>DMX Parameter</i>	<i>STANDARD MODE</i>
1	RED
2	GREEN
3	BLUE
4	AMBER
5	LIME
6	ROYAL BLUE
7	CTC
8	TINT
9	VIRTUAL COLORS
10	COLOR CROSSFADE
11	STROBE
12	DIMMER
13	DIMMER FINE
14	FUNCTION
15	FREQUENCY

DMX MODE TUNED WHITE

<i>DMX Parameter</i>	<i>TUNED WHITE MODE</i>
1	CTC
2	CRI
3	TINT
4	VIRTUAL COLORS 1
5	VIRTUAL COLORS 2
6	CROSSFADE

DMX MODE ONE CHANNEL

<i>DMX Parameter</i>	<i>ONE CHANNEL MODE</i>
1	DIMMER

FUNCTION DETAILS

Advanced	Standard	Tuned White	DMX Default	DMX Value	Function
1	1	-	000	000 – 255	RED Linear 0 – 100%
2		-	000	000 – 255	RED FINE (16 bit)
3	2	-	000	000 – 255	GREEN Linear 0 – 100%
4		-	000	000 – 255	GREEN FINE (16 bit)
5	3	-	000	000 – 255	BLUE Linear 0 – 100%
6		-	000	000 – 255	BLUE FINE (16 bit)
7	4	-	000	000 – 255	AMBER Linear 0 – 100%
8		-	000	000 – 255	AMBER FINE (16 bit)
9	5	-	000	000 – 255	LIME Linear 0 – 100%
10	-	-	000	000 – 255	LIME FINE (16 bit)
11	6	-	000	000 – 255	ROYAL BLUE
12	-	-	000	000 – 255	ROYAL BLUE FINE (16 bit)
13	7	1	128		CTC
				000 – 000	10000K
				001 – 127	from Linear 10000K to selected Calibrated White
				128 – 128	Calibrated White
				129 – 254	Linear from selected Calibrated. White
				255 – 255	2500K
					Note: The calibrated white can be set from COLOR MODE DMX parameter,
14	-	2	001		CRI
				000 – 000	RAW
				001 – 001	Max Output (Lower-level of CRI)
				002 – 254	Linear increase CRI
255 – 255	Max CRI (Lower-level Output)				
15	8	3	128		TINT
				000 – 127	Linear Plus Green correction
				128 – 128	No Green correction
				129 – 255	Linera Minus Green correction

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DMX chart

Advanced	Standard	Tuned White	DMX Default	DMX Value	Function
16	9	-	000		VIRTUAL COLORS 1
				000 – 000	Unused range
				001 – 002	Filter 4 – Medium Bastard Amber
				003 – 004	Filter 10 – Medium Yellow
				005 – 006	Filter 19 – Fire
				007 – 008	Filter 26 – Bright Red
				009 – 010	Filter 58 – Lavender
				011 – 012	Filter 68 – Sky Blue
				013 – 014	Filter 71 – Tokyo Blue
				015 – 016	Filter 79 – Just Blue
				017 – 018	Filter 88 – Lime Green
				019 – 020	Filter 90 – Dark Yellow Green
				021 – 022	Filter 100 – Spring Yellow
				023 – 024	Filter 101 – Yellow
				025 – 026	Filter 102 – Light Amber
				027 – 028	Filter 103 – Straw
				029 – 030	Filter 104 – Deep Amber
				031 – 032	Filter 105 – Orange
				033 – 034	Filter 106 – Primary Red
				035 – 036	Filter 111 – Dark Pink
				037 – 038	Filter 115 – Peacock Blue
				039 – 040	Filter 116 – Medium Blue Green
				041 – 042	Filter 117 – Steel Blue
				043 – 044	Filter 118 – Light Blue
				045 – 046	Filter 119 – Dark Blue
				047 – 048	Filter 120 – Deep Blue
				049 – 050	Filter 121 – Filter Green
				051 – 052	Filter 128 – Bright Pink
				053 – 054	Filter 131 – Marine Blue
				055 – 056	Filter 132 – Medium Blue
				057 – 058	Filter 134 – Golden Amber
				059 – 060	Filter 135 – Deep Golden Amber
				061 – 062	Filter 136 – Pale Lavender
				063 – 064	Filter 137 – Special Lavender
				065 – 066	Filter 138 – Pale Green
				067 – 068	Filter 139 – Primary Green
				069 – 070	Filter 141 – Bright Blue
				071 – 072	Filter 147 – Apricot
				073 – 074	Filter 148 – Bright Rose
				075 – 076	Filter 152 – Pale Gold
077 – 078	Filter 154 – Pale Rose				
079 – 080	Filter 157 – Pink				
081 – 082	Filter 158 – Deep Orange				
083 – 084	Filter 162 – Bastard Amber				
085 – 086	Filter 164 – Flame Red				
087 – 088	Filter 165 – Daylight Blue				
089 – 090	Filter 169 – Lilac Tint				
091 – 092	Filter 170 – Deep Lavender				
093 – 094	Filter 172 – Lagoon Blue				



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DMX chart

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Advanced	Standard	Tuned White	DMX Default	DMX Value	Function
16	9	-	000	095 – 096	Filter 179 – Chrome Orange
				097 – 098	Filter 180 – Dark Lavender
				099 – 100	Filter 181 – Congo Blue
				101 – 102	Filter 197 – Alice Blue
				103 – 104	Filter 201 – Full C.T. Blue
				105 – 106	Filter 202 – Half C.T. Blue
				107 – 108	Filter 203 – Quarter C.T. Blue
				109 – 110	Filter 204 – Full C.T. Orange
				111 – 112	Filter 205 – Half C.T. Orange
				113 – 114	Filter 206 – Quarter C.T. Orange
				115 – 116	Filter 247 – Full Minus Green
				117 – 118	Filter 248 – Half Minus Green
				119 – 120	Filter 281 – Three Quarter C.T. Blue
				121 – 122	Filter 285 – Three Quarter C.T. Orange
				123 – 124	Filter 352 – Glacier Blue
				125 – 126	Filter 353 – Lighter Blue
				127 – 128	Filter 715 – Cabana Blue
				129 – 130	Filter 778 – Millennium Gold
				131 – 132	Filter 793 – Vanity Fair
				133 – 134	User Color 1
				135 – 136	User Color 2
				137 – 138	User Color 3
				139 – 140	User Color 4
				141 – 142	User Color 5
143 – 144	User Color 6				
145 – 146	User Color 7				
147 – 148	User Color 8				
149 – 150	User Color 9				
151 – 152	User Color 10				
153 – 154	User Color 11				
155 – 156	User Color 12				
157 – 255	Free				

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DMX chart

Advanced	Standard	Tuned White	DMX Default	DMX Value	Function
17	-	-	000		VIRTUAL COLORS 2
				000 – 000	Unused range
				001 – 002	Filter 4 – Medium Bastard Amber
				003 – 004	Filter 10 – Medium Yellow
				005 – 006	Filter 19 – Fire
				007 – 008	Filter 26 – Bright Red
				009 – 010	Filter 58 – Lavender
				011 – 012	Filter 68 – Sky Blue
				013 – 014	Filter 71 – Tokyo Blue
				015 – 016	Filter 79 – Just Blue
				017 – 018	Filter 88 – Lime Green
				019 – 020	Filter 90 – Dark Yellow Green
				021 – 022	Filter 100 – Spring Yellow
				023 – 024	Filter 101 – Yellow
				025 – 026	Filter 102 – Light Amber
				027 – 028	Filter 103 – Straw
				029 – 030	Filter 104 – Deep Amber
				031 – 032	Filter 105 – Orange
				033 – 034	Filter 106 – Primary Red
				035 – 036	Filter 111 – Dark Pink
				037 – 038	Filter 115 – Peacock Blue
				039 – 040	Filter 116 – Medium Blue Green
				041 – 042	Filter 117 – Steel Blue
				043 – 044	Filter 118 – Light Blue
				045 – 046	Filter 119 – Dark Blue
				047 – 048	Filter 120 – Deep Blue
				049 – 050	Filter 121 – Filter Green
				051 – 052	Filter 128 – Bright Pink
				053 – 054	Filter 131 – Marine Blue
				055 – 056	Filter 132 – Medium Blue
				057 – 058	Filter 134 – Golden Amber
				059 – 060	Filter 135 – Deep Golden Amber
				061 – 062	Filter 136 – Pale Lavender
063 – 064	Filter 137 – Special Lavender				
065 – 066	Filter 138 – Pale Green				
067 – 068	Filter 139 – Primary Green				
069 – 070	Filter 141 – Bright Blue				
071 – 072	Filter 147 – Apricot				
073 – 074	Filter 148 – Bright Rose				
075 – 076	Filter 152 – Pale Gold				
077 – 078	Filter 154 – Pale Rose				
079 – 080	Filter 157 – Pink				
081 – 082	Filter 158 – Deep Orange				

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DMX chart

Advanced	Standard	Tuned White	DMX Default	DMX Value	Function
17	-	-	000	083 – 084	Filter 162 – Bastard Amber
				085 – 086	Filter 164 – Flame Red
				087 – 088	Filter 165 – Daylight Blue
				089 – 090	Filter 169 – Lilac Tint
				091 – 092	Filter 170 – Deep Lavender
				093 – 094	Filter 172 – Lagoon Blue
				095 – 096	Filter 179 – Chrome Orange
				097 – 098	Filter 180 – Dark Lavender
				099 – 100	Filter 181 – Congo Blue
				101 – 102	Filter 197 – Alice Blue
				103 – 104	Filter 201 – Full C.T. Blue
				105 – 106	Filter 202 – Half C.T. Blue
				107 – 108	Filter 203 – Quarter C.T. Blue
				109 – 110	Filter 204 – Full C.T. Orange
				111 – 112	Filter 205 – Half C.T. Orange
				113 – 114	Filter 206 – Quarter C.T. Orange
				115 – 116	Filter 247 – Full Minus Green
				117 – 118	Filter 248 – Half Minus Green
				119 – 120	Filter 281 – Three Quarter C.T. Blue
				121 – 122	Filter 285 – Three Quarter C.T. Orange
				123 – 124	Filter 352 – Glacier Blue
				125 – 126	Filter 353 – Lighter Blue
				127 – 128	Filter 715 – Cabana Blue
				129 – 130	Filter 778 – Millennium Gold
				131 – 132	Filter 793 – Vanity Fair
				133 – 134	User Color 1
				135 – 136	User Color 2
				137 – 138	User Color 3
				139 – 140	User Color 4
				141 – 142	User Color 5
143 – 144	User Color 6				
145 – 146	User Color 7				
147 – 148	User Color 8				
149 – 150	User Color 9				
151 – 152	User Color 10				
153 – 154	User Color 11				
155 – 156	User Color 12				
157 – 255	Free				

Advanced	Standard	Tuned White	DMX Default	DMX Value	Function
18	-	-	128		VIRTUAL RED
				000 – 127	Linearly decrease Red in selected Virtual colour
				128 – 128	No change
				129 – 255	Linearly increase Red in selected Virtual colour
19	-	-	128		VIRTUAL GREEN
				000 – 127	Linearly decrease Green in selected Virtual colour
				128 – 128	No change
				129 – 255	Linearly increase Green in selected Virtual colour
20	-	-	128		VIRTUAL BLUE
				000 – 127	Linearly decrease Blue in selected Virtual colour
				128 – 128	No change
				129 – 255	Linearly increase Blue in selected Virtual colour
21	-	-	128		VIRTUAL AMBER
				000 – 127	Linearly decrease Amber in selected Virtual colour
				128 – 128	No change
				129 – 255	Linearly increase Amber in selected Virtual colour
22	-	-	128		VIRTUAL LIME
				000 – 127	Linearly decrease Lime in selected Virtual colour
				128 – 128	No change
				129 – 255	Linearly increase Lime in selected Virtual colour
23	-	-	128		VIRTUAL ROYAL BLUE
				000 – 127	Linearly decrease Royal B in selected Virtual colour
				128 – 128	No change
				129 – 255	Linearly increase Royal B in selected Virtual colour
24	10	-	000		CROSSFADE
				000 – 000	No crossfade
				001 – 001	Color Mixing only
				002 – 126	Crossfade Color Mixing to Virtual Color 1
				127 – 128	Virtual Color 1 only
				129 – 254	Crossfade Virtual Color 1 to Virtual Color 2
255 – 255	Virtual Color 2 only				

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DMX chart

Advanced	Standard	Tuned White	DMX Default	DMX Value	Function
25	-	-	000		COLOR MODE
				000 – 004	Unused Range
				005 – 009	RAW
				010 – 014	3200K
				015 – 019	4000K
				020 – 024	4400K
				025 – 029	5000K
				030 – 034	5600K
				035 – 039	6000K
				040 – 044	6500K
				045 – 050	7000K
				051 – 055	7500K
				056 – 060	8000K
				061 – 065	White Pre-set 1
				066 – 070	White Pre-set 2
				071 – 075	White Pre-set 3
				076 – 080	White Pre-set 4
				081 – 085	Tungsten Off
				086 – 090	Tungsten 1
				091 – 095	Tungsten 2
				096 – 101	Tungsten 3
				102 – 106	Tungsten 4
				107 – 111	Tungsten 5
				112 – 116	Save White Pre-set 1
				117 – 121	Save White Pre-set 2
				122 – 126	Save White Pre-set 3
				127 – 131	Save White Pre-set 4
				132 – 136	Save User Virtual Color 1
				137 – 141	Save User Virtual Color 2
				142 – 146	Save User Virtual Color 3
147 – 152	Save User Virtual Color 4				
153 – 157	Save User Virtual Color 5				
158 – 162	Save User Virtual Color 6				
163 – 167	Save User Virtual Color 7				
168 – 172	Save User Virtual Color 8				
173 – 177	Save User Virtual Color 9				
178 – 182	Save User Virtual Color 10				
183 – 187	Save User Virtual Color 11				
188 – 192	Save User Virtual Color 12				
193 – 255	Free				
	All functions are activated/selected passing through the unused levels range and staying in the necessary range for 3 seconds				

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DMX chart

Advanced	Standard	Tuned White	DMX Default	DMX Value	Function
26	11	-	255		STOP / STROBE
				000 – 003	Light OFF
				004 – 103	Strobe variable frequency from low (1 flash/sec) to high (25 flashes/sec)
				104 – 107	Light ON
				108 – 207	Pulsation at linearly variable speed from slow to fast
				208 – 212	Light ON
				213 – 225	Random Strobe at low frequency
				226 – 238	Random Strobe at med frequency
				239 – 251	Random Strobe at high frequency
			252 – 255	Light ON	
27	12	4	000	000 – 255	DIMMER Linear 0 – 100%
28	13	-	000	000 – 255	DIMMER FINE (16 bit)

Advanced	Standard	Tuned White	DMX Default	DMX Value	Function
29	14	5	000		FUNCTION
				000 – 001	Unused range
				002 – 003	Auto fan mode
				004 – 005	Fanless
				006 – 007	Fan 35dB
				008 – 009	Fan 30dB
				010 – 011	Fan 27dB
				012 – 013	Fan 25dB
				014 – 062	Unused range
				063 – 065	Display ON
				066 – 067	Display OFF
				068 – 072	Reverse mapping OFF
				073 – 077	Reverse mapping ON
				078 – 120	Unused range
				121 – 130	Freq 0
				131 – 140	Freq 1
				141 – 150	Freq 2
				151 – 160	Freq 3
				161 – 180	Unused range
				181 – 183	Linear
				184 – 187	Square
				188 – 190	Smooth square
				191 – 193	SCurve
				194 – 200	Unused range
				201 – 202	CRI Low
				203 – 204	CRI Medium
205 – 206	CRI High				
207 – 255	Unused range				
	The functions are activated/selected passing through the unused levels range and staying in the necessary range for 5 seconds				
30	15	6	000		Frequency
				000 – 255	Unused range

Advanced	Standard	Tuned White	DMX Default	DMX Value	Function
31	-	-	000		DIGITAL FILTERS
				000 – 000	Unused range
				001 – 005	Digital Filter 1
				006 – 010	Digital Filter 2
				011 – 015	Digital Filter 3
				016 – 020	Digital Filter 4
				021 – 025	Digital Filter 5
				026 – 030	Digital Filter 6
				031 – 035	Digital Filter 7
				036 – 040	Digital Filter 8
				041 – 045	Digital Filter 9
				046 – 050	Digital Filter 10
				051 – 055	Digital Filter 11
				056 – 060	Digital Filter 12
				061 – 065	Digital Filter 13
				066 – 070	Digital Filter 14
				071 – 075	Digital Filter 15
076 – 080	Digital Filter 16				
081 – 255	Free				

ONE CHANNEL MODE

One Channel	DMX Value	Function
1	000 – 255	DIMMER Linear 0 – 100%

IMPORTANT NOTE

To prevent accidental breakage of the effects, which could collide with each other's during transport, before switching the projector OFF check that all the projector Channels have been excluded (DMX level = 0 bit.).

To preserve the Light engine, it is suggested to set the Dimmer @ 0bit a few minutes before turning off the fixture.

To ensure reliable operation of the effects, it is suggested to keep the Light of the fixture On, for few minutes before moving the effects. Claypaky use a high-performance lubricant that is designed to work within the high temperature environment in Claypaky's modern moving light fixtures. In cold environments, it may take some minutes for the lubricant to reach optimum fluidity and all functions to reach optimum performance.