

### DMX MODE - ADVANCED

<i>DMX Parameter</i>	<i>ADVANCED MODE</i>	<i>DMX Parameter</i>	<i>ADVANCED MODE</i>
<b>1</b>	RED	<b>17</b>	VIRTUAL COLORS 2
<b>2</b>	RED FINE	<b>18</b>	VIRTUAL RED
<b>3</b>	GREEN	<b>19</b>	VIRTUAL GREEN
<b>4</b>	GREEN FINE	<b>20</b>	VIRTUAL BLUE
<b>5</b>	BLUE	<b>21</b>	VIRTUAL AMBER
<b>6</b>	BLUE FINE	<b>22</b>	VIRTUAL LIME
<b>7</b>	AMBER	<b>23</b>	VIRTUAL ROYAL BLUE
<b>8</b>	AMBER FINE	<b>24</b>	CROSSFADE
<b>9</b>	LIME	<b>25</b>	COLOR MODE
<b>10</b>	LIME FINE	<b>26</b>	SHUTTER
<b>11</b>	ROYAL BLUE	<b>27</b>	DIMMER
<b>12</b>	ROYAL BLUE FINE	<b>28</b>	DIMMER FINE
<b>13</b>	CTC	<b>29</b>	FUNCTION
<b>14</b>	CRI	<b>30</b>	FREQUENCY
<b>15</b>	PLUS/MINUS GREEN	<b>31</b>	DIGITAL FILTERS
<b>16</b>	VIRTUAL COLORS 1	-	-

### DMX MODE - STANDARD

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

### DMX MODE - TUNED WHITE

<i>DMX Parameter</i>	<i>TUNED WHITE MODE</i>
<b>1</b>	CTO
<b>2</b>	CRI
<b>3</b>	PLUS/MINUS GREEN
<b>4</b>	DIMMER
<b>5</b>	FUNCTION
<b>6</b>	FREQUENCY

### DMX MODE - ONE CHANNEL

<i>DMX Parameter</i>	<i>ONE CHANNEL MODE</i>
<b>1</b>	DIMMER
<b>2</b>	CTC
<b>3</b>	CRI
<b>4</b>	PLUS/MINUS GREEN

### FUNCTION DETAILS

Advanced	Standard	Tuned White	One Channel	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	-	-	2	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	3	001		CRI
					000 – 000	RAW
					001 – 001	Max Output (Lower level of CRI)
					128 – 128	Medium CRI Linear increase CRI
255 – 255	Max CRI (Lower-level Output)					
15	8	3	4	128		PLUS/MINUS GREEN
					000 – 127	Linear Plus Green correction
					128 – 128	No Green correction
					129 – 255	Linear Minus Green correction

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## DMX chart

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



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## DMX chart

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Advanced	Standard	Tuned White	One Channel	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	One Channel	DMX Default	DMX Value	Function
17	-	-	-	000		<b>VIRTUAL COLORS 2</b>
					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

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Advanced	Standard	Tuned White	One Channel	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	One Channel	DMX Default	DMX Value	Function
18	-	-	-	128		<b>VIRTUAL RED</b>
					000 – 127	Linearly decrease Red in selected Virtual colour
					128 – 128	No change
					129 – 255	Linearly increase Red in selected Virtual colour
19	-	-	-	128		<b>VIRTUAL GREEN</b>
					000 – 127	Linearly decrease Green in selected Virtual colour
					128 – 128	No change
					129 – 255	Linearly increase Green in selected Virtual colour
20	-	-	-	128		<b>VIRTUAL BLUE</b>
					000 – 127	Linearly decrease Blue in selected Virtual colour
					128 – 128	No change
					129 – 255	Linearly increase Blue in selected Virtual colour
21	-	-	-	128		<b>VIRTUAL AMBER</b>
					000 – 127	Linearly decrease Amber in selected Virtual colour
					128 – 128	No change
					129 – 255	Linearly increase Amber in selected Virtual colour
22	-	-	-	128		<b>VIRTUAL LIME</b>
					000 – 127	Linearly decrease Lime in selected Virtual colour
					128 – 128	No change
					129 – 255	Linearly increase Lime in selected Virtual colour
23	-	-	-	128		<b>VIRTUAL ROYAL BLUE</b>
					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		<b>CROSSFADE</b>
					000 – 000	No crossfade
					001 – 128	Virtual to Colour Mixing
					129 – 255	Virtual to Virtual

Advanced	Standard	Tuned White	One Channel	DMX Default	DMX Value	Function
25	-	-	-	000		<b>COLOR MODE</b>
					000 – 004	Unused Range
					005 – 009	RAW
					010 – 014	3200K
					015 – 019	4000K
					020 – 024	4400K
					025 – 029	5000K
					030 – 034	5600K
					035 – 040	6000K
					041 – 045	6500K
					046 – 050	7000K
					051 – 055	7500K
					056 – 060	8000K
					061 – 065	Unused Range
					066 – 070	Unused Range
					071 – 075	Unused Range
					076 – 080	Unused Range
					081 – 085	Halogen Off
					086 – 090	Halogen 1
					091 – 095	Halogen 2
					096 – 101	Halogen 3
102 – 106	Halogen 4					
107 – 111	Halogen 5					
112 – 255	Unused Range					
						All functions are activated/selected passing through the unused levels range and staying in the necessary range for 3 seconds
26	11	-	-	255		<b>SHUTTER</b>
					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 – 251	Random Strobe
252 – 255	Light ON					
27	12	4	1	000		<b>DIMMER</b>
					000 – 255	Linear 0 – 100%
28	13	-	-	000		<b>DIMMER FINE</b>
					000 – 255	Linear 0 – 100% (16 bit)

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## DMX chart

Advanced	Standard	Tuned White	One Channel	DMX Default	DMX Value	Function
29	14	5	-	000		<b>FUNCTION</b>
					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 – 120	Unused range
					121 – 130	Freq 0 (600Hz)
					131 – 140	Freq 1 (1200Hz)
					141 – 150	Freq 2 (2000Hz)
					151 – 160	Freq 3 (25000Hz)
					161 – 180	Unused range
					181 – 183	Linear
					184 – 187	Square
					188 – 190	Smooth square
					191 – 193	S-Curve
					194 – 196	Linear2
					197 – 200	Linear3
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		<b>FREQUENCY</b>
					000 – 255	

Advanced	Standard	Tuned White	One Channel	DMX Default	DMX Value	Function
31	-	-	-	000		<b>DIGITAL FILTERS</b>
					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	Unused range					
-	7	1	-	-		<b>CTO</b>
					000 – 255	

### 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.