

### DMX PROTOCOL STANDARD

<i>DMX Parameter</i>	<i>STANDARD 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	GREEN FINE
11	CTC
12	CRI
13	TINT
14	VIRTUAL COLORS 1
15	VIRTUAL COLORS 2
16	VIRTUAL RED
17	VIRTUAL GREEN
18	VIRTUAL BLUE
19	VIRTUAL AMBER
20	VIRTUAL LIME
21	CROSSFADE
22	COLOR MODE
23	STOP / STROBE
24	DIMMER
25	DIMMER FINE
26	IRIS
27	ANIMATION WHEELINSERTION
28	ANIMATION WHEEL ROTATION
29	ROTATING GOBO CHANGE

<i>DMX Parameter</i>	<i>STANDARD MODE</i>
30	GOBO ROTATION
31	FINE GOBO ROTATION
32	PRISM INSERTION
33	PRISM ROTATION
34	HEAVY FROST 5°
35	LIGHT FROST 1°
36	BLADE UP Linear Insertion
37	BLADE UP Linear Swivelling
38	BLADE DOWN Linear Insertion
39	BLADE DOWN Linear Swivelling
40	BLADE RIGHT Linear Insertion
41	BLADE RIGHT Linear Swivelling
42	BLADE LEFT Linear Insertion
43	BLADE LEFT Linear Swivelling
44	FRAMING ROTATION
45	FOCUS
46	FOCUS FINE
47	ZOOM
48	AUTOFOCUS DISTANCE
49	AUTOFOCUS ADJUSTMENT
50	PAN
51	PAN FINE
52	TILT
53	TILT FINE
54	FUNCTION
55	FUNCTION 2
56	FREQUENCY
57	FAN SPEED
58	DIGITAL FILTERS

### DMX PROTOCOL EASY

<b>DMX Parameter</b>	<b>EASY MODE</b>
<b>1</b>	RED
<b>2</b>	RED FINE
<b>3</b>	GREEN
<b>4</b>	GREEN FINE
<b>5</b>	BLUE
<b>6</b>	BLUE FINE
<b>7</b>	AMBER
<b>8</b>	AMBER FINE
<b>9</b>	LIME
<b>10</b>	GREEN FINE
<b>11</b>	CTC
<b>12</b>	CRI
<b>13</b>	TINT
<b>14</b>	COLOR MODE
<b>15</b>	STOP / STROBE
<b>16</b>	DIMMER
<b>17</b>	DIMMER FINE
<b>18</b>	IRIS
<b>19</b>	ANIMATION WHEELINSERTION
<b>20</b>	ANIMATION WHEEL ROTATION
<b>21</b>	ROTATING GOBO CHANGE
<b>22</b>	GOBO ROTATION
<b>23</b>	FINE GOBO ROTATION
<b>24</b>	PRISM INSERTION
<b>25</b>	PRISM ROTATION

<b>DMX Parameter</b>	<b>EASY MODE</b>
<b>26</b>	HEAVY FROST 5°
<b>27</b>	LIGHT FROST 1°
<b>28</b>	BLADE UP Linear Insertion
<b>29</b>	BLADE UP Linear Swivelling
<b>30</b>	BLADE DOWN Linear Insertion
<b>31</b>	BLADE DOWN Linear Swivelling
<b>32</b>	BLADE RIGHT Linear Insertion
<b>33</b>	BLADE RIGHT Linear Swivelling
<b>34</b>	BLADE LEFT Linear Insertion
<b>35</b>	BLADE LEFT Linear Swivelling
<b>36</b>	FRAMING ROTATION
<b>37</b>	FOCUS
<b>38</b>	FOCUS FINE
<b>39</b>	ZOOM
<b>40</b>	AUTOFOCUS DISTANCE
<b>41</b>	AUTOFOCUS ADJUSTMENT
<b>42</b>	PAN
<b>43</b>	PAN FINE
<b>44</b>	TILT
<b>45</b>	TILT FINE
<b>46</b>	FUNCTION
<b>47</b>	FUNCTION 2
<b>48</b>	FREQUENCY
<b>49</b>	FAN SPEED
<b>50</b>	DIGITAL FILTERS

### DMX PROTOCOL WHITE

<b>DMX Parameter</b>	<b>WHITE MODE</b>
<b>1</b>	CTC
<b>2</b>	CRI
<b>3</b>	TINT
<b>4</b>	VIRTUAL COLORS 1
<b>5</b>	VIRTUAL COLORS 2
<b>6</b>	CROSSFADE
<b>7</b>	COLOR MODE
<b>8</b>	STOP / STROBE
<b>9</b>	DIMMER
<b>10</b>	DIMMER FINE
<b>11</b>	IRIS
<b>12</b>	ANIMATION WHEELINSERTION
<b>13</b>	ANIMATION WHEEL ROTATION
<b>14</b>	ROTATING GOBO CHANGE
<b>15</b>	GOBO ROTATION
<b>16</b>	FINE GOBO ROTATION
<b>17</b>	PRISM INSERTION
<b>18</b>	PRISM ROTATION
<b>19</b>	HEAVY FROST 5°
<b>20</b>	LIGHT FROST 1°
<b>21</b>	BLADE UP Linear Insertion
<b>22</b>	BLADE UP Linear Swivelling

<b>DMX Parameter</b>	<b>WHITE MODE</b>
<b>23</b>	BLADE DOWN Linear Insertion
<b>24</b>	BLADE DOWN Linear Swivelling
<b>25</b>	BLADE RIGHT Linear Insertion
<b>26</b>	BLADE RIGHT Linear Swivelling
<b>27</b>	BLADE LEFT Linear Insertion
<b>28</b>	BLADE LEFT Linear Swivelling
<b>29</b>	FRAMING ROTATION
<b>30</b>	FOCUS
<b>31</b>	FOCUS FINE
<b>32</b>	ZOOM
<b>33</b>	AUTOFOCUS DISTANCE
<b>34</b>	AUTOFOCUS ADJUSTMENT
<b>35</b>	PAN
<b>36</b>	PAN FINE
<b>37</b>	TILT
<b>38</b>	TILT FINE
<b>39</b>	FUNCTION
<b>40</b>	FUNCTION 2
<b>41</b>	FREQUENCY
<b>42</b>	FAN SPEED
<b>43</b>	DIGITAL FILTERS

### FUNCTION DETAILS

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

Standard	Easy	White	DMX Value	Function
<b>14</b>	<b>-</b>	<b>4</b>		<b>VIRTUAL COLORS 1</b>
			<b>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>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			
<b>095 – 096</b>	Filter 179 – Chrome Orange			

Standard	Easy	White	DMX Value	Function
14	-	4	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			
15	-	5	<b>VIRTUAL COLORS 2</b>	
			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			

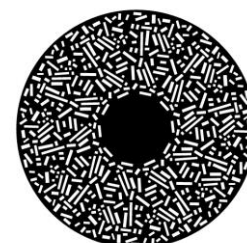
Standard	Easy	White	DMX Value	Function
15	-	5	035 – 036	Filter 111 – Dark Pink
			037 – 038	Filter 115 – Peacock Blue
			039 – 040	Filter 116 – Medium Blue-Green
			041 – 042	Filter 117 – Steel Blue
			043 – 044	Filter 118 – Light Blue
			045 – 046	Filter 119 – Dark Blue
			047 – 048	Filter 120 – Deep 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
			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 – Millenium Gold			
131 – 132	Filter 793 – Vanity Fair			



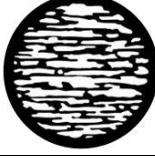
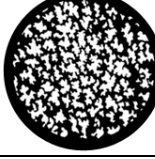


Standard	Easy	White	DMX Value	Function
15	-	5	133 – 134 135 – 136 137 – 138 139 – 140 141 – 142 143 – 144 145 – 146 147 – 148 149 – 150 151 – 152 153 – 154 155 – 156 157 – 255	User Color 1 User Color 2 User Color 3 User Color 4 User Color 5 User Color 6 User Color 7 User Color 8 User Color 9 User Color 10 User Color 11 User Color 12 Free
16	-	-	000 – 127 128 129 – 255	<b>VIRTUAL RED</b> Linearly decrease Red percentage in selected Virtual colour No change Linearly increase Red percentage in selected Virtual colour
17	-	-	000 – 127 128 129 – 255	<b>VIRTUAL GREEN</b> Linearly decrease Green percentage in selected Virtual colour No change Linearly increase Green percentage in selected Virtual colour
18	-	-	000 – 127 128 129 – 255	<b>VIRTUAL BLUE</b> Linearly decrease Blue percentage in selected Virtual colour No change Linearly increase Blue percentage in selected Virtual colour
19	-	-	000 – 127 128 129 – 255	<b>VIRTUAL AMBER</b> Linearly decrease Amber percentage in selected Virtual colour No change Linearly increase Amber percentage in selected Virtual colour
20	-	-	000 – 127 128 129 – 255	<b>VIRTUAL LIME</b> Linearly decrease Lime percentage in selected Virtual colour No change Linearly increase Lime percentage in selected Virtual colour
21	-	6	000 001 002 – 126 127 – 128 129 – 254 255	<b>CROSSFADE</b> No crossfade Color Mixing only Crossfade Color Mixing to Virtual Color 1 Virtual Color 1 only Crossfade Virtual Color 1 to Virtual Color 2 Virtual Color 2 only



Standard	Easy	White	DMX Value	Function
<b>22</b>	<b>14</b>	<b>7</b>	<b>000 – 004</b>	<b>COLOR MODE</b> Unused range
			<b>005 – 009</b>	RAW
			<b>010 – 014</b>	3200K
			<b>015 – 019</b>	4000K
			<b>020 – 024</b>	4400K
			<b>025 – 029</b>	5000K
			<b>030 – 034</b>	5600K
			<b>035 – 039</b>	6000K
			<b>040 – 044</b>	6500K
			<b>045 – 050</b>	7000K
			<b>051 – 055</b>	7500K
			<b>056 – 060</b>	8000K
			<b>061 – 065</b>	White Preset 1
			<b>066 – 070</b>	White Preset 2
			<b>071 – 075</b>	White Preset 3
			<b>076 – 080</b>	White Preset 4
			<b>081 – 085</b>	Tungsten Off
			<b>086 – 090</b>	Tungsten 1
			<b>091 – 095</b>	Tungsten 2
			<b>096 – 101</b>	Tungsten 3
			<b>102 – 106</b>	Tungsten 4
			<b>107 – 111</b>	Tungsten 5
			<b>112 – 116</b>	Save White Preset 1
			<b>117 – 121</b>	Save White Preset 2
			<b>122 – 126</b>	Save White Preset 3
			<b>127 – 131</b>	Save White Preset 4
			<b>132 – 136</b>	Save User Virtual Color 1
			<b>137 – 141</b>	Save User Virtual Color 2
			<b>142 – 146</b>	Save User Virtual Color 3
			<b>147 – 152</b>	Save User Virtual Color 4
			<b>153 – 157</b>	Save User Virtual Color 5
			<b>158 – 162</b>	Save User Virtual Color 6
<b>163 – 167</b>	Save User Virtual Color 7			
<b>168 – 172</b>	Save User Virtual Color 8			
<b>173 – 177</b>	Save User Virtual Color 9			
<b>178 – 182</b>	Save User Virtual Color 10			
<b>183 – 187</b>	Save User Virtual Color 11			
<b>188 – 192</b>	Save User Virtual Color 12			
<b>193 – 197</b>	Smooth Colour Dimmer Off			
<b>198 – 203</b>	Smooth Colour Dimmer On			
<b>204 – 208</b>	Optimized Colour Point Off			
<b>209 – 213</b>	Optimized Colour Point On			
<b>214 – 255</b>	Free			
				All functions are activated/selected passing through the unused levels range and staying in the necessary range for 5 seconds

Standard	Easy	White	DMX Value	Function
23	15	8		<b>STOP / STROBE</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 – 225	Random Strobe at low frequency
			226 – 238	Random Strobe at med frequency
			239 – 251	Random Strobe at high frequency
			252 – 255	Light ON
24	16	9	000 – 255	<b>DIMMER Linear 0 – 100%</b>
25	17	10	000 – 255	<b>DIMMER FINE (16 bit)</b>
26	18	11		<b>IRIS</b>
			000 – 131	Iris linearly open from minimum to maximum aperture
			132 – 171	Iris pulsation from slow to fast speed
			172 – 211	Iris pulsation from slow to fast speed with fast opening
			212 – 251	Iris pulsation from slow to fast speed with fast closing
			252 – 255	Maximum aperture
27	19	12		<b>ANIMATION WHEEL INSERTION</b>
			000 001 – 255	Animation wheel out Animation wheel in
28	20	13		<b>ANIMATION WHEEL ROTATION</b>
			000 – 124	Linear CCW rotation at variable speed from fast (120 rpm) to slow (4.4 rph)
			125 – 103	Stop rotation
			131 – 255	Linear CW rotation at variable speed from slow (4.4 rph) to fast (180 rpm)



Standard	Easy	White	DMX Value	Function
29	21	14		<b>ROTATING GOBO CHANGE</b>
			000 – 018	Empty position
			019 – 037	Gobo #1 
			038 – 055	Gobo #2 
			056 – 074	Gobo #3 
			075 – 092	Gobo #4 
			093 – 111	Gobo #5 
			112 – 129	Gobo #6 
			130 – 150	Gobo 1 shakes at variable speed from slow to fast
			151 – 171	Gobo 2 shakes at variable speed from slow to fast
			172 – 192	Gobo 3 shakes at variable speed from slow to fast
			193 – 213	Gobo 4 shakes at variable speed from slow to fast
			214 – 234	Gobo 5 shakes at variable speed from slow to fast
			235 – 255	Gobo 6 shakes at variable speed from slow to fast

Standard	Easy	White	DMX Value	Function
30	22	15		<b>GOBO ROTATION</b>
			000 – 021	Gobo indexing: 0° to 90° range
			021 – 042	Gobo indexing: 90° to 180° range
			042 – 063	Gobo indexing: 180° to 270° range
			063 – 084	Gobo indexing: 270° to 360° range
			084 – 105	Gobo indexing: 360° to 450° range
			105 – 127	Gobo indexing: 450° to 540° range
			128 – 190	CCW gobo rotation at variable speed from fast (1000 rpm) to slow (2.2 rph)
			191 – 192	Stop
			193 – 255	CW gobo rotation at linearly variable speed from slow (2.2 rph) to fast (1000 rpm)
31	23	16	000 – 255	<b>FINE GOBO ROTATION (16 bit)</b>
32	24	17	000 – 127 128 – 255	<b>4 FACET PRISM INSERTION</b> Prism out Prism in
33	25	18		<b>PRISM ROTATION</b>
			000 – 021	Prism indexing: 0° to 90° range
			021 – 042	Prism indexing: 90° to 180° range
			042 – 063	Prism indexing: 180° to 270° range
			063 – 084	Prism indexing: 270° to 360° range
			084 – 105	Prism indexing: 360° to 450° range
			105 – 127	Prism indexing: 450° to 540° range
			128 – 190	CCW prism rotation at variable speed from fast (170rpm) to slow (4rph)
			191 – 192	Stop
			193 – 255	CW prism rotation at variable speed from slow (4rph) to fast (170rpm)
34	26	19	000 001 – 255	<b>HEAVY FROST 5°</b> Frost1 out Frost1 in
35	27	20	000 001 – 255	<b>LIGHT FROST 1°</b> Frost2 out Frost2 in
36	28	21	000 001 – 255	<b>BLADE UP Linear insertion</b> Blade Up out Blade Up in
37	29	22	000 – 127 128 127 – 255	<b>BLADE UP Linear Swivelling</b> Swivelling from -25° to 0° 0° Default Swivelling from 0° to +25°
38	30	23	000 001 – 255	<b>BLADE DOWN Linear insertion</b> Blade Down out Blade Down in

Standard	Easy	White	DMX Value	Function
39	31	24	000 – 127 128 127 – 255	<b>BLADE DOWN Linear Swivelling</b> Swivelling from -25° to 0° Default Swivelling from 0° to +25°
40	32	25	000 001 – 255	<b>BLADE RIGHT Linear insertion</b> Blade Right out Blade Left in
41	33	26	000 – 127 128 127 – 255	<b>BLADE RIGHT Linear Swivelling</b> Swivelling from -25° to 0° Default Swivelling from 0° to +25°
42	34	27	000 001 – 255	<b>BLADE LEFT Linear insertion</b> Blade Left out Blade Left in
43	35	28	000 – 127 128 127 – 255	<b>BLADE LEFT Linear Swivelling</b> Swivelling from -25° to 0° Default Swivelling from 0° to +25°
44	36	29	000 – 127 128 129 – 255	<b>FRAMING ROTATION</b> Linear rotation CCW Default Linear rotation CW
45	37	30	000 – 255	<b>FOCUS</b>
46	38	31	000 – 255	<b>FOCUS FINE</b>
47	39	32	000 – 255	<b>ZOOM</b> Zoom linearly moves from narrow to wide
48	40	33	000 – 006 007 – 255	<b>AUTOFOCUS DISTANCE</b> Autofocus disabled Autofocus from 4mt. (bit 7) to 100mt. (bit 255)
49	41	34	000 – 127 128 129 – 255	<b>AUTOFOCUS ADJUSTMENT</b> Focus adjustment Stop Focus adjustment
50	42	35	000 – 255	<b>PAN</b> CCW Pan 0° to 540°
51	43	36	000 – 255	<b>PAN FINE</b> Fine Pan
52	44	37	000 – 255	<b>TILT</b> Tilt from 0° to 268°
53	45	38	000 – 255	<b>TILT FINE</b> Fine Tilt

Standard	Easy	White	DMX Value	Function
<b>54</b>	<b>46</b>	<b>39</b>		<b>FUNCTION</b>
			<b>000 – 004</b>	Unused range
			<b>005 – 009</b>	Fast speed Pan/Tilt
			<b>010 – 014</b>	Normal speed Pan/Tilt
			<b>015 – 019</b>	Blade Speed Slow
			<b>020 – 024</b>	Blade Speed Fast
			<b>025 – 029</b>	Fast Rotating Gobo Change
			<b>030 – 034</b>	Slow Rotating Gobo Change
			<b>035 – 039</b>	Standard Blades Mode
			<b>040 – 044</b>	Extended Blades Mode
			<b>045 – 050</b>	Pan/Tilt Offset Reset
			<b>051 – 055</b>	Pan/Tilt Offset Program
			<b>056 – 060</b>	Pan/Tilt Offset Save
			<b>061 – 065</b>	Pan/Tilt Offset Off
			<b>066 – 070</b>	Pan/Tilt Offset On
			<b>071 – 075</b>	Effects Reset
			<b>076 – 080</b>	Pan / Tilt Reset
			<b>081 – 085</b>	Complete Reset
			<b>086 – 090</b>	Fan DMX
			<b>091 – 095</b>	Fan 27dB
			<b>096 – 101</b>	Fan 30dB
			<b>102 – 106</b>	Fan 35dB
			<b>107 – 111</b>	Theatrical Mode Off
			<b>112 – 116</b>	Theatrical Mode On
			<b>117 – 121</b>	Dimmer Curve Standard
<b>122 – 126</b>	Dimmer Curve Linear Lux			
<b>127 – 131</b>	Dimmer Curve Square			
<b>132 – 255</b>	Free			
				The functions are activated/selected passing through the unused levels range and staying in the necessary range for 5 seconds
<b>55</b>	<b>47</b>	<b>40</b>		<b>FUNCTION 2</b>
			<b>000 – 011</b>	Unused range
			<b>012</b>	Base Frequency= 650 Hz
			<b>013</b>	Base Frequency= 975 Hz
			<b>014</b>	Base Frequency= 1460 Hz
			<b>015</b>	Base Frequency= 2200 Hz
			<b>016</b>	Base Frequency= 3300 Hz
			<b>017</b>	Base Frequency= 5000 Hz
			<b>018</b>	Base Frequency= 7400 Hz
			<b>019</b>	Base Frequency= 11100 Hz
			<b>020</b>	Base Frequency= 16700 Hz

Standard	Easy	White	DMX Value	Function																																								
56	48	41	000 – 255	FREQUENCY																																								
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	000 – 250 Linear Fans speed from maximum to minimum																																											
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58	-	43		<b>DIGITAL FILTERS</b>																																								
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### 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.*