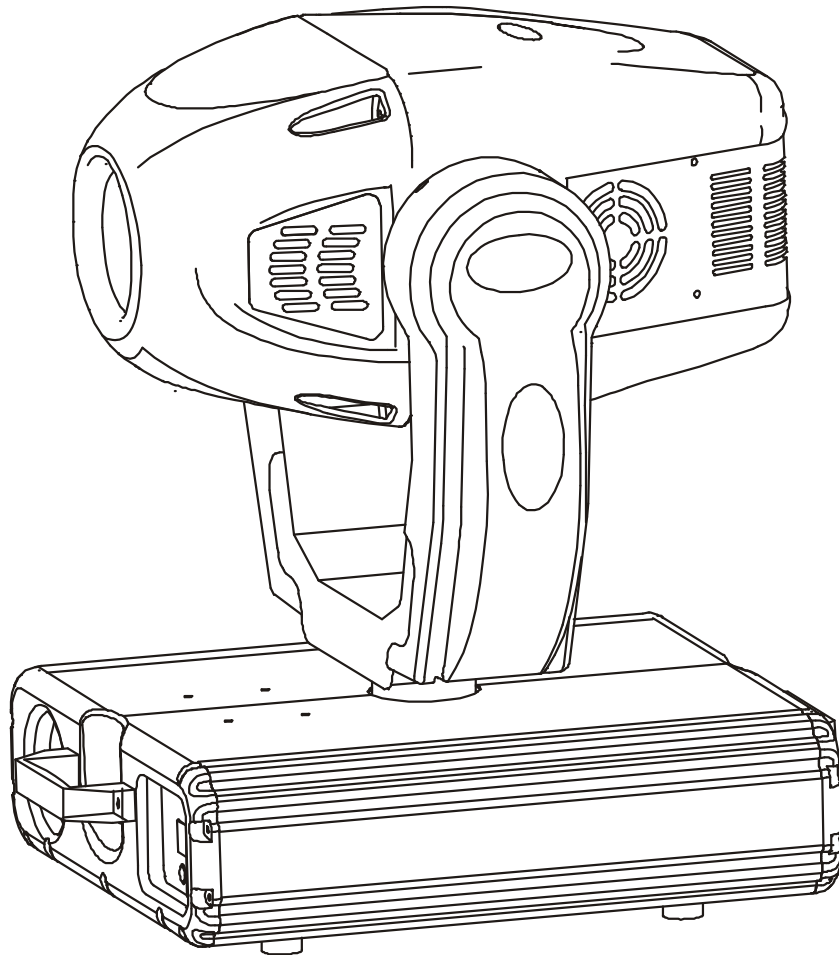


MY 575.3 DMX CHANNEL ASSIGNMENTS



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DMX channel functions and values:

Channel 1 - Color Wheel 1:

0-15	Open / white
16-31	Color 1
32-47	Color 2
48-63	Color 3
64-79	Color 4
80-95	Color 5
96-111	Color 6
112-127	Color 7
128-187	Forwards rainbow effect from fast to slow
188-193	No rotation
194-255	Backwards rainbow effect from slow to fast

Channel 2 - Selecting the gobos from the first gobo wheel plus rotation of the gobo wheel itself:

0-9	Open (No gobo engaged)
10-19	Rot. gobo 1
20-29	Rot. gobo 2
30-39	Rot. gobo 3
40-49	Rot. gobo 4
50-59	Rot. gobo 5
60-69	Rot. gobo 6
70-89	Gobo 1 shake slow to fast
90-109	Gobo 2 shake slow to fast
110-129	Gobo 3 shake slow to fast
130-149	Gobo 4 shake slow to fast
150-169	Gobo 5 shake slow to fast
170-189	Gobo 6 shake slow to fast
190-255	Rot. gobo wheel cont. rotation slow to fast

Channel 3 - First wheel rotating the gobos (including indexing & rotation of the gobos):

0-127 Gobo indexing

128-187 Forwards gobo rotation from fast to slow

188-193 No rotation (Recommend this as the start position when engaging the gobo rotation. This way you can quickly move from here to the forwards or backwards rotation without a lot of “transition issues”). Consider this as a good default value.

194-255 Backwards gobo rotation from slow to fast

Channel 4 - Selecting the gobos from the second gobo wheel plus rotation of the gobo wheel itself:

0-9 Open

10-19 Rot. gobo 1

20-29 Rot. gobo 2

30-39 Rot. gobo 3

40-49 Rot. gobo 4

50-59 Rot. gobo 5

60-69 Rot. gobo 6

70-89 Gobo 1 shake slow to fast

90-109 Gobo 2 shake slow to fast

110-129 Gobo 3 shake slow to fast

130-149 Gobo 4 shake slow to fast

150-169 Gobo 5 shake slow to fast

170-189 Gobo 6 shake slow to fast

190-255 Rot. gobo wheel cont. rotation slow to fast

Channel 5 - PAN movement 8bit :

Channel 6 - TILT movement 8bit :

Channel 7 - Speed pan/tilt movement:

0-14 max speed (Recommend this is the default setting)

15-225 max to min speed

226-235 blackout by movement

236-245 blackout by all wheel changing

246-255 no function

Channel 8 - 3 facet rotating prism plus prism & Gobo macros (inbuilt effects):

- 0-3 Open (no prism engaged)
- 4-63 Forwards rotation from fast to slow

64-67 Prism engaged but No rotation (Recommend this as the start position when engaging the prism. This way you can quickly move from here to the forwards or backwards rotation without a lot of “transition issues”). Consider this a good default value.

68-127 Backwards rotation from slow to fast

128-135 Macro 1

136-143 Macro 2

144-151 Macro 3

152-159 Macro 4

160-167 Macro 5

168-175 Macro 6

176-183 Macro 7

184-191 Macro 8

192-199 Macro 9

200-207 Macro 10

208-215 Macro 11

216-223 Macro 12

224-231 Macro 13

232-239 Macro 14

240-247 Macro 15

248-255 Macro 16

Channel 9 – Focus:

- 0-255 Continuous adjustment from far to near

Channel 10 - Shutter and strobe:

- 0-31 Shutter closed (No light output. You MUST have the shutter open for the dimmer to work).
- 32-63 Dimmer control (shutter open. This is the recommended first position for the shutter if you intend to be using the dimmer channel 11).
- 64-95 Strobe effect slow to fast
- 96-127 No function (shutter open)
- 128-159 Pulse-effect in sequences
- 160-191 No function (shutter open)
- 192-223 Random strobe effect slow to fast
- 224-255 No function (shutter open)

Channel 11 - Dimmer (intensity):

Intensity 0 to 100%. For the dimmer to work the shutter (on channel 10) must be in one of its “open value ranges”.....like 32-63 dmx value)

Channel 12 – Iris

0-191 Maximum to Minimum diameter.
192-223 Pulse opening fast to slow
224-255 Pulse closing slow to fast

Channel 13 – Frost

0-191 Frost 0% (no frost) – 100% (maximum frost).
192-223 Frost Pulse closing fast to slow
224-255 Frost Pulse opening slow to fast

Channel 14 - Color Wheel 2 :

0-15 Open / white
16-31 Color 1
32-47 Color 2
48-63 Color 3
64-79 Color 4
80-95 Color 5
96-111 Color 6
112-127 Color 7
128-187 Forwards rainbow effect from fast to slow
188-193 No rotation
194-255 Backwards rainbow effect from slow to fast

Channel 15 - Second wheel rotating the gobos (including indexing & rotation of the gobos):

0-127 Gobo indexing
128-187 Forwards gobo rotation from fast to slow

No rotation (Recommend this as the start position when engaging the gobo rotation. This way you can quickly move from here to the forwards or backwards rotation without a lot of “transition issues”). Consider this a good default value.

194-255 Backwards gobo rotation from slow to fast

Watch what you are doing with Channel 16!!!!!!!

Please read carefully what this channel can do.

It is very common that an internal program is engaged.

The result is it “looks” like the fixture has a mind of its own and cannot be controlled.

The recommended default position for channel 16 is definitely 0.

Channel 16 – Lamp on/off, reset, internal programs:

0-19 color change normal. Snapping from one color to the next. This is the preferred setting.

20-39 color change fine. Allows half colors (between colors) to be chosen.

40-59 Lamp on. To strike the lamp (when the fixture has been “told” to get the lamp strike info from the controller) engage this channel at between 40-59 for about 7 seconds. The lamp will then strike. Once struck the value can be changed back to 0 as a rest/parking position. To “tell” the fixture to turn on the lamp from the light board, go to the menu screens (detailed in the fixture manual) and turn this function on. The fixture leaves the factory with this function turned off. This way when you turn the fixture power on, the lamp strikes immediately.

60-79 Lamp switch off. Engage this range of values for 7 seconds and the lamp will turn off. You have been warned!!

80-99 Motor reset. Engage this range of values for 7 seconds and the motors will reset in the fixture. The reset will complete in about 30 seconds. If you continue to leave this channel at between these values then the fixture will constantly reset. Not a pretty thing to do!

100-119 Internal program 1

120-139 Internal program 2

140-159 Internal program 3

160-179 Internal program 4

180-199 Internal program 5

200-219 Internal program 6

220-239 Internal program 7

240-255 Internal program 8

Channel 17 – Pan fine 16bit

Channel 18 – Tilt fine 16bit