

DESIGN WASH 250

DMX channel's functions and their values (16 DMX channels):

Channel 1 - PAN movement 8bit :

Channel 2 – Pan fine

Channel 3 - TILT movement 8bit :

Channel 4 – Tilt fine

Channel 5 - Color Wheel 1 :

0-13	Open / white
14-27	Color 1
28-41	Color 2
42-55	Color 3
56-69	Color 4
70-83	Color 5
84-97	Color 6
98-111	Color 7
112-127	Color 8
128-187	Forwards rainbow effect from fast to slow
188-193	No rotation
194-255	Backwards rainbow effect from slow to fast

Channel 6 - Cyan Color Wheel :

0-255	Cyan (0-white, 255-100% Cyan)
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Channel 7 - Magenta Color Wheel :

0-255	Magenta (0-white, 255-100% magenta)
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Channel 8 - Yellow Color Wheel :

0-255	Yellow (0-white, 255-100% Yellow)
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Channel 9 - Effect wheel

0-70	Open / white
71-230	Beam shaper
231-255	Frost filter

Channel 10 - Zoom

0-255	Zoom 28 - Zoom 7
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Channel 11 - Shutter, strobe

0-31	Shutter closed
32-63	No function (shutter open)
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 12 – Dimmer intensity

0-255	Intensity 0 to 100%
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Channel 13 - Colour macros - CMY and colour wheel

0-7	Off	128-13	Macro16
8-15	Macro1	136-143	Macro17
16-23	Macro2	144-151	Macro18
24-31	Macro3	152-159	Macro19
32-39	Macro4	160-167	Macro20
40-47	Macro5	168-175	Macro21
48-55	Macro6	176-183	Macro22
56-63	Macro7	184-191	Macro23
64-71	Macro8	192-199	Macro24
72-79	Macro9	200-207	Macro25
80-87	Macro10	208-215	Macro26
88-95	Macro11	216-223	Macro27
96-103	Macro12	224-231	Macro28
104-111	Macro13	232-239	Macro29
112-119	Macro14	240-247	Macro30
120-127	Macro15	248-255	Random CMY

Channel 14 - Speed Of CMY And Dimmer :

0-255 Speed Max >Min

Channel 15 - Speed pan/tilt movement

0-225 max to min speed
226-235 blackout by movement
236-245 blackout by all wheel changing
246-255 no function

Channel 16 – Lamp on/off, reset, internal programmes

0-19 colour change normal
20-39 colour change to any position
40-59 Lamp on
60-79 Lamp switch off
80-84 All motor reset
85-87 Scan motor reset
88-90 Colors motor reset
91-93 No function
94-96 Shutter & Dimmer motor reset
97-99 Other motor reset
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 Auto program by music