

Design Wash 300E DMX Traits

Channel 1 - Pan movement 8bit:

Channel 2 - Pan fine 16bit:

Channel 3 - Tilt movement 8bit:

Channel 4 - Tilt fine 16bit:

Channel 5 - Color Wheel:

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
128-189	Clockwise scroll from fast to slow
190-193	No rotation
194-255	Counter-Clockwise scroll 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 - Effects Wheel, Frost, Macros:

0-3	Open – No Effect
4-127	Beam Shaper (variable)
128-189	Clockwise Color Wheel Effect, from Fast - Slow
190-193	No Rotation
194-255	Counter-Clockwise Color Wheel Effect, from Slow - Fast

Channel 10 - Zoom:

0-255	Continuous adjustment from far to near (seamless)
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Channel 11 - Shutter Control:

0-31	Shutter closed
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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 Control:

0-255	Intensity 0 to 100%
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Channel 13 - Color Macros (CMY and Color Wheel Combinations):

0-7	OFF
8-15	Macro1
16-23	Macro2
24-31	Macro3
32-39	Macro4
40-47	Macro5
48-55	Macro6
56-63	Macro7
64-71	Macro8
72-79	Macro9
80-87	Macro10
88-95	Macro11
96-103	Macro12
104-111	Macro13
112-119	Macro14
120-127	Macro15
128-135	Macro 16
136-143	Macro 17
144-151	Macro 18
152-159	Macro 19
160-167	Macro 20
168-175	Macro 21
176-183	Macro 22
184-191	Macro 23
192-199	Macro 24
200-207	Macro 25
208-215	Macro 26
216-223	Macro 27
224-231	Macro 28
232-239	Macro 29
240--247	Macro 30

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248-255 Random CMY Color Mixing

Channel 14 - Speed Of CMY:

0-255 Speed Max →Min

Channel 15 - Speed Control for Pan & Tilt Movements:

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 programs:

0-19 Color change normal
20-39 Color 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 All remaining motors are reset
100-119 Internal program 1 (scene1~8 of EEPROM)
120-139 Internal program 2 (scene9~16 of EEPROM)
140-159 Internal program 3 (scene17~24 of EEPROM)
160-179 Internal program 4 (scene25~32 of EEPROM)
180-199 Internal program 5 (scene33~40 of EEPROM)
200-219 Internal program 6 (scene41~48 of EEPROM)
220-239 Internal program 7 (scene49~56 of EEPROM)
240-255 Music Control (scene of Program 1)