

ColorWash 700E AT - DMX Protocol-version 1.3

Mode/Channel						Value	Function	Type of control
1	2	3	4	5	6			
1	1	1	1	18	16	0 - 255	Pan Pan movement by 540°	proportional
2	2	2	2	19	17	0 - 255	Pan Fine Fine control of pan movement	proportional
3	3	3	3	20	18	0 - 255	Tilt Tilt movement by 280°	proportional
4	4	4	4	21	19	0 - 255	Tilt fine Fine control of tilt movement	proportional
5	5	5	5	22	20	0	Pan/Tilt speed , Pan/Tilt time Max. speed (tracking mode)	step
						1 - 255	<i>P./T. speed-set Speed Mode in menu: Pan/Tilt Mode</i> Speed from max. to min. (vector mode)	proportional
						1 - 255	<i>P./T. time - set Time Mode in menu: Pan/Tilt Mode</i> Time from 0.1 s to 25.5 s.	proportional
6	6	6	6	23	21	0 - 49	Power/Special functions Reserved <i>To activate following functions, stop in DMX value for at least 3 s and shutter must be closed at least 3 s. („Shutter, Strobe“ channel 20 (17,22,19) must be at range: 0-31 DMX. Corresponding menu items are temporarily overridden).</i>	
						50 - 59	Pan/Tilt speed mode	step
						60 - 69	Pan/Tilt time mode	step
						70 - 79	Blackout while pan/tilt moving	step
						80 - 89	Disabled blackout while pan/tilt moving	step
						90 - 99	Blackout while colour wheel moving	step
						100 - 109	Disabled blackout while colour wheel moving	step
						110 - 129	Reserved <i>To activate following functions, stop in DMX value for at least 3 s.</i>	
						130 - 139	Lamp On, reset (total reset except pan/tilt reset)	step
						140 - 149	Pan/Tilt reset	step
						150 - 159	Colour system reset	step
						160 - 169	Reserved	
						170 - 179	Dimmer/Strobe reset	step
						180 - 189	Zoom/effect wheel reset	step
						190 - 199	Reserved	
						200 - 209	Total reset	step
210 - 229	Reserved							
230 - 239	Lamp Off	step						
240 - 255	Reserved							
-	-	7	7	-	-	0 - 9	Pan/Tilt macro selection Disabled pan/tilt macro	step
						10 - 31	Reserved	step
						32 - 63	Figure of circle (from small to large)	proportional
						64 - 95	Figure of horizontal eight (from small to large)	proportional
						96 - 127	Figure of vertical eight (from small to large)	proportional
						128 - 159	Figure of rectangle (from small to large)	proportional
						160 - 191	Figure of triangle (from small to large)	proportional
						192 - 223	Figure of star (from small to large)	proportional
						224 - 255	Figure of cross (from small to large)	proportional
						-	-	8
1 - 127	Macro generation from fast to slow-forwards	proportional						
128 - 129	No macro generation	step						
130 - 255	Macro generation from slow to fast-backwards	proportional						

Mode/Channel						Value	Function	Type of control
1	2	3	4	5	6			
7	7	9	9	12	7	0	Colour wheel <i>Continual positioning</i> Open/white	proportiona proportiona proportiona proportional proportional proportional proportional proportional proportional proportional proportional proportional step step step step step step proportional step proportional step proportional
						16	Deep red	
						32	Deep blue	
						48	Orange	
						64	Green	
						80	Light red	
						96	Amber	
						112	UV filter	
						128-129	White	
						130-137	<i>Positioning</i> Deep red	
						138-145	Deep blue	
						146-153	Orange	
						154-163	Green	
						164-171	Light red	
						172-181	Amber	
182-189	UV filter							
190 - 215	Forwards rainbow effect from fast to slow	proportional						
216 - 217	No rotation	step						
218 - 243	Backwards rainbow effect from slow to fast	proportional						
244 - 249	Random colour selection by audio control (Set microphone sensitivity in menu „Personality”)	step						
250 - 255	Auto random colour selection from fast to slow	proportional						
8	-	10	-	13	-	0 - 255	Colour wheel - fine positioning Fine positioning	proportional
9	8	11	10	4	3	0 - 255	Cyan Cyan (0-white, 255-full cyan)	proportional
10	9	12	11	6	4	0 - 255	Magenta Magenta (0-white, 255-full magenta)	proportional
11	10	13	12	8	5	0 - 255	Yellow Yellow (0-white, 255-full yellow)	proportional
12	11	14	13	10	6	0 - 255	Colour temperature filter (0-6000K, 255-3200K)	proportional
13	12	15	14	-	-	0 - 255	Speed of CMY and conv.temp. filter Speed from max. (0) to min.(255)	proportional
14	13	16	15	15	-	0 - 7	CMY colour macros No function	step step step step step step step step step step step step step step step step step
						8 - 15	Macro 1	
						16 -23	Macro 2	
						24-31	Macro 3	
						32-39	Macro 4	
						40-47	Macro 5	
						48-55	Macro 6	
						56-63	Macro 7	
						64-71	Macro 8	
						72-79	Macro 9	
						80-87	Macro 10	
						88-95	Macro 11	
						96-103	Macro 12	
						104-111	Macro 13	
						112-119	Macro 14	
						120-127	Macro 15	
						128-135	Macro 16	
						136-143	Macro 17	
144-151	Macro 18							

Mode/Channel						Value	Function	Type of control
1	2	3	4	5	6			
14	13	16	15	15	-	152-159 160-167 168-175 176-183 184-191 192-199 200 - 207 208 - 215 216 - 223 224 - 231 232 - 239 240 - 243 244 - 249 250 - 255	Macro 19 Macro 20 Macro 21 Macro 22 Macro 23 Macro 24 Macro 25 Macro 26 Macro 27 Macro 28 Macro 29 Macro 30 - Random rainbow effect from fast to slow Random macro selection by audio control (Set microphone sensitivity in menu "PErsonality") Auto random macro selection from fast to slow	step step step step step step step step step step step proportional step proportional
15	14	17	16	14	-	0-19 20-127 128-255	Effect wheel Full beam Beam shaper-Indexing ¹ Beam shaper-Rotation ¹ (¹ Zoom goes to minimum beam angle automatically)	step step step
16	15	18	17	14	-	0 - 255 0 1 - 127 128 - 129 130 - 255	Beam shaper indexing and rotation Shaper indexing - set position on channel15 (14,17,16) Beam shaper indexing Shaper rotation - set position on channel15 (14,17,16) No rotation Forwards shaper rotation from fast to slow No rotation Backwards shaper rotation from slow to fast	proportional step proportional step proportional
17	-	19	-	-	-	0 - 255	Beam shaper fine indexing (set position on channel 16 (18)) Fine indexing	propotional
18	16	20	18	16	9	0 - 255	Zoom Coarse zoom from min. to max.beam angle	proportional
19	-	21	-	17	-	0 - 255	Zoom fine Fine zoom movement	proportional
20	17	22	19	1	1	0 - 31 32 - 63 64 - 95 96 - 127 128 - 143 144 - 159 160 - 191 192 - 223 224 - 255	Shutter, strobe Shutter closed, Lamp power reduced to 350 W (after 10 s*) Shutter open, Full lamp power Strobe-effect from slow to fast (max.15 ashes/s) Shutter open, Lamp power reduced to 350 W Opening pulse in sequences from slow to fast Closing pulse in sequences from fast to slow Shutter open, Electronic strobing „ZAP” from slow to fast (7 - 33 ashes/s) Random strobe-effect from slow to fast Shutter open, Full lamp power	step step proportional step proportional proportional proportional proportional step
21	18	23	20	2	2	0 - 255	Dimmer intensity Dimmer intensity from 0% to 100% (In range of 0-3 DMX,lamp power reduced to 350W)	proportional
22	-	24	-	3	-	0 - 255	Fine dimmer intensity Dimmer intensity fine	proportional
-	-	-	-	5	8		No function	
-	-	-	-	7	10		No function	
-	-	-	-	9	11		No function	
-	-	-	-	11	12		No function	
-	-	-	-	-	13		No function	

Mode/Channel						Value	Function	Type of control
1	2	3	4	5	6			
-	-	-	-	-	14		No function	
-	-	-	-	-	15		No function	

* 10s=default time delay,this value can be changed by "Lamp Low Power Delay" menu