

ColorWash 575E AT-DMX Protocol-version 1.0

Mode/Channel				Value	Function	Type of control
1	2	3	4			
1	1	1	1	0 - 255	Pan Pan movement by 530°	proportional
2	2	2	2	0 - 255	Pan Fine Fine control of pan movement	proportional
3	3	3	3	0 - 255	Tilt Tilt movement by 280°	proportional
4	4	4	4	0 - 255	Tilt fine Fine control of tilt movement	proportional
5	5	5	5	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	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). **</i>	step
				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>	step
				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	step
				170 - 179	Dimmer/Strobe reset	step
				180 - 189	Zoom/effect wheel reset	step
				190 - 199	Reserved	step
				200 - 209	Total reset	step
210 - 229	Reserved	step				
230 - 239	Lamp Off	step				
240 - 255	Reserved	step				
		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	8	0	Pan/Tilt macro speed <i>(Set pan/tilt speed (channel 5) to 0)</i> No macro generation	step
				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			
7	7	9	9	0	Colour wheel <u>Continual positioning</u> Open/white	proportional
				21	Deep red	proportional
				43	Deep blue	proportional
				64	Green	proportional
				85	6000K correction filter	proportional
				107	UV filter	proportional
				128-129	White	proportional
				130-141	<u>Positioning</u> Deep red	step
				142-153	Deep blue	step
				154-165	Green	step
				166-177	6000K correction filter	step
				178-189	UV filter	step
				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		0 - 255	Colour wheel - fine positioning Fine positioning	proportional
9	8	11	10	0 - 255	Cyan Cyan (0-white, 255-full cyan)	proportional
10	9	12	11	0 - 255	Magenta Magenta (0-white, 255-full magenta)	proportional
11	10	13	12	0 - 255	Yellow Yellow (0-white, 255-full yellow)	proportional
12	11	14	13	0 - 255	Colour temperature filter (0-7200K, 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	0 - 7	CMY colour macros No function	step
				8 - 15	Macro 1	step
				16 -23	Macro 2	step
				24-31	Macro 3	step
				32-39	Macro 4	step
				40-47	Macro 5	step
				48-55	Macro 6	step
				56-63	Macro 7	step
				64-71	Macro 8	step
				72-79	Macro 9	step
				80-87	Macro 10	step
				88-95	Macro 11	step
				96-103	Macro 12	step
				104-111	Macro 13	step
				112-119	Macro 14	step
				120-127	Macro 15	step
				128-135	Macro 16	step
				136-143	Macro 17	step
				144-151	Macro 18	step
				152-159	Macro 19	step
				160-167	Macro 20	step
				168-175	Macro 21	step
176-183	Macro 22	step				

Mode/Channel				Value	Function	Type of control
1	2	3	4			
14	13	16	15	184-191	Macro 23	step
				192-199	Macro 24	step
				200 - 207	Macro 25	step
				208 - 215	Macro 26	step
				216 - 223	Macro 27	step
				224 - 231	Macro 28	step
				232 - 239	Macro 29	step
				240 - 243	Macro 30 - Random rainbow effect from fast to slow	proportional
				244 - 249	Random macro selection by audio control (Set microphone sensitivity in menu "PErS")	step
				250 - 255	Auto random macro selection from fast to slow	proportional
15	14	17	16	0-70	Effect wheel Full beam	step
				71-127	Beam shaper-Indexing	step
				128-199	Beam shaper-Rotation	step
				200-255	Frost filter	step
16	15	18	17	0 - 255	Beam shaper indexing and rotation <i>Shaper indexing</i> - set position on channel15 (14,17,16) Beam shaper indexing	proportional
				0	<i>Shaper rotation</i> - set position on channel15 (14,17,16) No rotation	step
				1 - 127	Forwards shaper rotation from fast to slow	proportional
				128 - 129	No rotation	step
				130 - 255	Backwards shaper rotation from slow to fast	proportional
17		19		0 - 255	Beam shaper fine indexing (set position on channel 16 (15,18,17)) Fine indexing	proportional
18	16	20	18	0 - 255	Zoom Coarse zoom from min. to max.beam angle	proportional
19		21		0 - 255	Zoom fine Fine zoom movement	proportional
20	17	22	19	0 - 31	Shutter closed, <u>Lamp power reduced after 10 s to 400W</u>	step
				32 - 63	Shutter open, <u>Full lamp power</u>	step
				64 - 95	Strobe-effect from slow to fast (max.15 ashes/s)	proportional
				96 - 127	Shutter open, <u>Lamp power reduced to 400 W</u>	step
				128 - 143	Opening pulse in sequences from slow to fast	proportional
				144 - 159	Closing pulse in sequences from fast to slow	proportional
				160 - 191	Shutter open, <u>Electronic strobing „ZAP“ from slow to fast</u> (from 7 to 33 ashes/s)	step
				192 - 223	Random strobe-effect from slow to fast	proportional
224 - 255	Shutter open, <u>Full lamp power</u>	step				
21	18	23	20	0 - 255	Dimmer intensity Dimmer intensity from 0% to 100% (In range of 0-8 DMX,lamp power reduced to 400W)	proportional
22		24		0 - 255	Fine dimmer intensity Dimmer intensity fine	proportional