

## ColorMix 575 AT - DMX protocol-Version 1.0

Mode 1 Channel	Mode 2 Channel	Value	Function	Type of control	
1	1	0-89	<b>Power/Special functions</b> 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 12(10) must be at range:0-31 DMX).</i>	step	
		90-99	Blackout while colour wheel moving	step	
		100-109	Disabled blackout while colour wheel moving	step	
		110-129	No function	step	
				<i>To activate following functions, stop in DMX value for at least 3 s.</i>	
		130-139	Lamp On, reset	step	
		140-149	No function	step	
		150-159	Colour wheel + CMY+effect wheel reset	step	
		160-169	No function	step	
		170-179	Dimmer/Strobe reset	step	
		180-189	Zoom reset	step	
		190-199	Effect wheel+colour wheel reset	step	
		200-209	Total reset	step	
210-229	No function	step			
230-239	Lamp Off	step			
240-255	Reserved	step			
2	2		<b>Colour wheel</b> <i>(disabled if CMY macro is active (channel 8 (7))</i> <b>Continual Positioning</b> <i>In range 0-129 DMX is possible fine colour positioning- set value on channel 3</i>		
		0	Open/white	proportional	
		16	Deep red	proportional	
		32	Blue	proportional	
		48	Green	proportional	
		64	Orange	proportional	
		80	CTF 3200K	proportional	
		96	CTF 5600K	proportional	
		112	UV filter	proportional	
		128-129	White	proportional	
			<b>Positioning</b>		
		130-138	Deep red	step	
		139-146	Blue	step	
		147-155	Green	step	
		156-163	Orange	step	
		164-172	CTF 3200K	step	
		173-180	CTF 5600K	step	
		181-189	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	

Mode 1 Channel	Mode 2 Channel	Value	Function	Type of control
<b>3</b>		0-255	<b>Colour wheel -fine positioning</b> Fine positioning	proportional
<b>4</b>	<b>3</b>	0-255	<b>Cyan</b> Cyan (0-white,255-full cyan)	proportional
<b>5</b>	<b>4</b>	0-255	<b>Magenta</b> Magenta (0-white,255 full magenta)	proportional
<b>6</b>	<b>5</b>	0-255	<b>Yellow</b> Yellow (0-white,255-full yellow)	proportional
<b>7</b>	<b>6</b>	0-255	<b>Speed of CMY and dimmer</b> Speed from max. (0) to min. (255)	proportional
<b>8</b>	<b>7</b>	0-7 8-15 16-23 24-31 32-39 40-47 48-55 56-63 64-71 72-79 80-87 88-95 96-103 104-111 112-119 120-127 128-135 136-143 144-151 152-159 160-167 168-175 176-183 184-191 192-199 200-207 208-215 216-223 224-231 232-239 240-243 244-249 250-255	<b>CMY colour macros</b> Off Macro 1 Macro 2 Macro 3 Macro 4 Macro 5 Macro 6 Macro 7 Macro 8 Macro 9 Macro 10 Macro 11 Macro 12 Macro 13 Macro 14 Macro 15 Macro 16 Macro 17 Macro 18 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 macro selection by audio control (Set microphone sensitivity in menu "PErS") Auto random macro selection from fast to slow	step proportional
<b>9</b>	<b>8</b>	0-70 71-179 180-199 200-255	<b>Effect wheel</b> Full beam Beam shaper Swivelling beam effect from slow to fast Frost filter	step proportional proportional step

Mode 1 Channel	Mode 2 Channel	Value	Function	Type of control
10	9	0-255	<b>Zoom</b> Coarse zoom from min. to max beam angle	proportional
11		0-255	<b>Zoom fine</b> Fine movement of zoom	proportional
12	10	0-31 32-63 64-95 96-127 128-143 144-159 160-191 192-223 224-255	<b>Shutter,stroke</b> Shutter closed No function (shutter open) Strobe-effect from slow to fast No function (shutter open) Opening pulse in sequences from slow to fast Closing pulse in sequences from fast to slow No function (shutter open) Random strobe-effect from slow to fast No function (shutter open)	step step proportional step proportional proportional step proportional step
13	11	0-255	<b>Dimmer intensity</b> Coarse intensity from 0 to 100%	proportional
14		0-255	<b>Dimmer fine</b> Fine intensity	proportional