Jolly

ColorWash 1200 PF



Manufacturer	**Jolly**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**17, 23, 24, 25, 30 channels**
Beam angle	**7-44°**
Pan range	**530°**
Tilt range	**280°**
Size (W × H × D)	**326 × 518 × 235 mm**
GDTF fixture type	**6B040D65-F659-4F94-A14F-12F…**

Controls

Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe · Built-in effect programmes

DMX modes

Mode 1 - 8bit normal	17 ch
Mode 2 - 16 bit normal	23 ch
Mode 3 - 8bit extended	24 ch
Mode 5 - 8bit inverted	25 ch
Mode 4 - 16 bit extended	30 ch

Mode 1 - 8bit normal

17 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–1 Max Speed Mode 2–254 Speed/Time max to min 255–255 Min Speed Mode
6	Control1	0	0–49 No function 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheels moving 100–109 Disabled blackout while colour wheels moving 110–129 NoFeature 1 130–139 Lamp On 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Zoom/Fresnel reset 170–179 Dimmer/Shutter reset 180–199 NoFeature 200–209 Total reset 210–229 NoFeature 2 230–239 Lamp Off 240–255 NoFeature 3
7	Color Wheel	0	0–8 Open/white - continual (wheel slot 1) 9–27 Deep red - continual (wheel slot 2) 28–45 Deep blue - continual (wheel slot 3) 46–63 Orange - continual (wheel slot 4) 64–81 Green - continual (wheel slot 5) 82–100 6000K filter - continual (wheel slot 6) 101–118 Congo blue (UV) - continual (wheel slot 7) 119–129 White - continual (wheel slot 1) 130–139 Deep red - step (wheel slot 2) 140–149 Deep blue - step (wheel slot 3) 150–159 Orange - step (wheel slot 4) 160–169 Green - step (wheel slot 5) 170–179 6000K filter - step (wheel slot 6) 180–189 Congo blue - step (wheel slot 7) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow

Mode 1 - 8bit normal (continued)

Ch	Function	Default	DMX values
8	Color Wheel 2	0	0–8 Open/white - continual (wheel slot 1) 9–27 Pink - continual (wheel slot 2) 28–45 Lavender - continual (wheel slot 3) 46–63 Laser green - continual (wheel slot 4) 64–81 CTB - continual (wheel slot 5) 82–100 Minus green - continual (wheel slot 6) 101–118 Minus 1/2 green - continual (wheel slot 7) 119–129 White - continual (wheel slot 1) 130–139 Pink - step (wheel slot 2) 140–149 Lavender - step (wheel slot 3) 150–159 Laser green - step (wheel slot 4) 160–169 CTB - step (wheel slot 5) 170–179 Minus green - step (wheel slot 6) 180–189 Minus 1/2 green - step (wheel slot 7) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow
9	Cyan	0	
10	Magenta	0	
11	Yellow	0	
12	C TO	0	0–254 CTO 5600K 255–255 CTO 3200K
13	Effects1Fade	0	
14	No Feature	0	
15	Zoom	128	0–254 Zoom min 255–255 Zoom max
16	Shutter / Strobe	32	0–31 Closed 800W 32–63 Open Full power 64–94 Slow 95–95 Fast 96–127 Shutter open 800W 128–142 Slow 143–158 Fast 159–159 Slow 160–191 zapping from slow to fast 192–223 Random strobe from slow to fast 224–255 open
17	Dimmer	0	

Mode 2 - 16 bit normal

23 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–1 Max Speed Mode 2–254 Speed/Time max to min 255–255 Min Speed Mode

Mode 2 - 16 bit normal (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–49 No function 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheels moving 100–109 Disabled blackout while colour wheels moving 110–129 NoFeature 1 130–139 Lamp On 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Zoom/Fresnel reset 170–179 Dimmer/Shutter reset 180–199 NoFeature 200–209 Total reset 210–229 NoFeature 2 230–239 Lamp Off 240–255 NoFeature 3
7	Color Wheel	0	0–8 Open/white - continual (wheel slot 1) 9–27 Deep red - continual (wheel slot 2) 28–45 Deep blue - continual (wheel slot 3) 46–63 Orange - continual (wheel slot 4) 64–81 Green - continual (wheel slot 5) 82–100 6000K filter - continual (wheel slot 6) 101–118 Congo blue (UV) - continual (wheel slot 7) 119–129 White - continual (wheel slot 1) 130–139 Deep red - step (wheel slot 2) 140–149 Deep blue - step (wheel slot 3) 150–159 Orange - step (wheel slot 4) 160–169 Green - step (wheel slot 5) 170–179 6000K filter - step (wheel slot 6) 180–189 Congo blue - step (wheel slot 7) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow
8	Color Wheel Fine	0	Fine byte of Color Wheel
9	Color Wheel 2	0	0–8 Open/white - continual (wheel slot 1) 9–27 Pink - continual (wheel slot 2) 28–45 Lavender - continual (wheel slot 3) 46–63 Laser green - continual (wheel slot 4) 64–81 CTB - continual (wheel slot 5) 82–100 Minus green - continual (wheel slot 6) 101–118 Minus 1/2 green - continual (wheel slot 7) 119–129 White - continual (wheel slot 1) 130–139 Pink - step (wheel slot 2) 140–149 Lavender - step (wheel slot 3) 150–159 Laser green - step (wheel slot 4) 160–169 CTB - step (wheel slot 5) 170–179 Minus green - step (wheel slot 6) 180–189 Minus 1/2 green - step (wheel slot 7) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow

Mode 2 - 16 bit normal (continued)

Ch	Function	Default	DMX values
10	Color Wheel 2 Fine	0	Fine byte of Color Wheel 2
11	Cyan	0	
12	Magenta	0	
13	Yellow	0	
14	C TO	0	0–254 CTO 5600K 255–255 CTO 3200K
15	Color Macro1	0	0–0 No macro (wheel slot 93) 1–255 Macro 1 - 63
16	Effects1Fade	0	
17	Effect	0	0–0 Max speed 1–31 Dimmer + CMY filters + correction filter 32–63 Dimmer 64–95 CMY filters + correction filter 96–255 No function
18	No Feature	0	
19	Zoom	128	0–254 Zoom min 255–255 Zoom max
20	Zoom Fine	0	Fine byte of Zoom
21	Shutter / Strobe	32	0–31 Closed 800W 32–63 Open Full power 64–94 Slow 95–95 Fast 96–127 Shutter open 800W 128–142 Slow 143–158 Fast 159–159 Slow 160–191 zapping from slow to fast 192–223 Random strobe from slow to fast 224–255 open
22	Dimmer	0	
23	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 - 8bit extended

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–1 Max Speed Mode 2–254 Speed/Time max to min 255–255 Min Speed Mode

Mode 3 - 8bit extended (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–49 No function 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheels moving 100–109 Disabled blackout while colour wheels moving 110–129 NoFeature 1 130–139 Lamp On 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Zoom/Fresnel reset 170–179 Dimmer/Shutter reset 180–199 NoFeature 200–209 Total reset 210–229 NoFeature 2 230–239 Lamp Off 240–255 NoFeature 3
7	Position Effect	0	0–9 Disabled pan/tilt macro 10–31 Reserved 32–63 Figure of circle (center of small to large) 64–95 Figure of horizontal eight (center of small to large) 96–127 Figure of vertical eight (center of small to large) 128–159 Figure of rectangle (center of small to large) 160–191 Figure of triangle (center of small to large) 192–223 Figure of star (center of small to large) 224–255 Figure of cross (center of small to large)
8	Position Effect Rate	0	0–0 No macro 1–127 Macro generation from fast to slow-forwards 128–129 No macro generation 130–255 Macro generation from slow to fast-backwards
9	Color Wheel	0	0–8 Open/white - continual (wheel slot 1) 9–27 Deep red - continual (wheel slot 2) 28–45 Deep blue - continual (wheel slot 3) 46–63 Orange - continual (wheel slot 4) 64–81 Green - continual (wheel slot 5) 82–100 6000K filter - continual (wheel slot 6) 101–118 Congo blue (UV) - continual (wheel slot 7) 119–129 White - continual (wheel slot 1) 130–139 Deep red - step (wheel slot 2) 140–149 Deep blue - step (wheel slot 3) 150–159 Orange - step (wheel slot 4) 160–169 Green - step (wheel slot 5) 170–179 6000K filter - step (wheel slot 6) 180–189 Congo blue - step (wheel slot 7) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow

Mode 3 - 8bit extended (continued)

Ch	Function	Default	DMX values
10	Color Wheel 2	0	0–8 Open/white - continual (wheel slot 1) 9–27 Pink - continual (wheel slot 2) 28–45 Lavender - continual (wheel slot 3) 46–63 Laser green - continual (wheel slot 4) 64–81 CTB - continual (wheel slot 5) 82–100 Minus green - continual (wheel slot 6) 101–118 Minus 1/2 green - continual (wheel slot 7) 119–129 White - continual (wheel slot 1) 130–139 Pink - step (wheel slot 2) 140–149 Lavender - step (wheel slot 3) 150–159 Laser green - step (wheel slot 4) 160–169 CTB - step (wheel slot 5) 170–179 Minus green - step (wheel slot 6) 180–189 Minus 1/2 green - step (wheel slot 7) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow
11	Cyan	0	
12	Magenta	0	
13	Yellow	0	
14	C TO	0	0–254 CTO 5600K 255–255 CTO 3200K
15	Effects1Fade	0	
16	No Feature	0	
17	No Feature Fine	0	Fine byte of No Feature
18	No Feature Ultra Fine	0	
19	No Feature Ultra Fine2	0	
20	No Feature	0	
21	No Feature	0	
22	Zoom	128	0–254 Zoom min 255–255 Zoom max
23	Shutter / Strobe	32	0–31 Closed 800W 32–63 Open Full power 64–94 Slow 95–95 Fast 96–127 Shutter open 800W 128–142 Slow 143–158 Fast 159–159 Slow 160–191 zapping from slow to fast 192–223 Random strobe from slow to fast 224–255 open
24	Dimmer	0	

Mode 5 - 8bit inverted

25 channels

Ch	Function	Default	DMX values

Mode 5 - 8bit inverted (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	32	0–31 Closed 800W 32–63 Open Full power 64–94 Slow 95–95 Fast 96–127 Shutter open 800W 128–142 Slow 143–158 Fast 159–159 Slow 160–191 zapping from slow to fast 192–223 Random strobe from slow to fast 224–255 open
2	Dimmer	0	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	C TO	0	0–254 CTO 5600K 255–255 CTO 3200K
7	Color Wheel	0	0–8 Open/white - continual (wheel slot 1) 9–27 Deep red - continual (wheel slot 2) 28–45 Deep blue - continual (wheel slot 3) 46–63 Orange - continual (wheel slot 4) 64–81 Green - continual (wheel slot 5) 82–100 6000K filter - continual (wheel slot 6) 101–118 Congo blue (UV) - continual (wheel slot 7) 119–129 White - continual (wheel slot 1) 130–139 Deep red - step (wheel slot 2) 140–149 Deep blue - step (wheel slot 3) 150–159 Orange - step (wheel slot 4) 160–169 Green - step (wheel slot 5) 170–179 6000K filter - step (wheel slot 6) 180–189 Congo blue - step (wheel slot 7) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow
8	Color Wheel 2	0	0–8 Open/white - continual (wheel slot 1) 9–27 Pink - continual (wheel slot 2) 28–45 Lavender - continual (wheel slot 3) 46–63 Laser green - continual (wheel slot 4) 64–81 CTB - continual (wheel slot 5) 82–100 Minus green - continual (wheel slot 6) 101–118 Minus 1/2 green - continual (wheel slot 7) 119–129 White - continual (wheel slot 1) 130–139 Pink - step (wheel slot 2) 140–149 Lavender - step (wheel slot 3) 150–159 Laser green - step (wheel slot 4) 160–169 CTB - step (wheel slot 5) 170–179 Minus green - step (wheel slot 6) 180–189 Minus 1/2 green - step (wheel slot 7) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow

Mode 5 - 8bit inverted (continued)

Ch	Function	Default	DMX values
9	Zoom	128	0–254 Zoom min 255–255 Zoom max
10	No Feature	0	
11	No Feature Fine	0	Fine byte of No Feature
12	No Feature Ultra Fine	0	
13	No Feature Ultra Fine2	0	
14	No Feature	0	
15	Reserved 15	0	
16	Pan	128	
17	Pan Fine	0	Fine byte of Pan
18	Tilt	128	
19	Tilt Fine	0	Fine byte of Tilt
20	Position MSpeed	0	0–0 Standard mode 1–1 Max Speed Mode 2–254 Speed/Time max to min 255–255 Min Speed Mode
21	Control1	0	0–49 No function 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheels moving 100–109 Disabled blackout while colour wheels moving 110–129 NoFeature 1 130–139 Lamp On 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Zoom/Fresnel reset 170–179 Dimmer/Shutter reset 180–199 NoFeature 200–209 Total reset 210–229 NoFeature 2 230–239 Lamp Off 240–255 NoFeature 3
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	No Feature	0	

Mode 4 - 16 bit extended

30 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Standard mode 1–1 Max Speed Mode 2–254 Speed/Time max to min 255–255 Min Speed Mode

Mode 4 - 16 bit extended (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–49 No function 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheels moving 100–109 Disabled blackout while colour wheels moving 110–129 NoFeature 1 130–139 Lamp On 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Zoom/Fresnel reset 170–179 Dimmer/Shutter reset 180–199 NoFeature 200–209 Total reset 210–229 NoFeature 2 230–239 Lamp Off 240–255 NoFeature 3
7	Position Effect	0	0–9 Disabled pan/tilt macro 10–31 Reserved 32–63 Figure of circle (center of small to large) 64–95 Figure of horizontal eight (center of small to large) 96–127 Figure of vertical eight (center of small to large) 128–159 Figure of rectangle (center of small to large) 160–191 Figure of triangle (center of small to large) 192–223 Figure of star (center of small to large) 224–255 Figure of cross (center of small to large)
8	Position Effect Rate	0	0–0 No macro 1–127 Macro generation from fast to slow-forwards 128–129 No macro generation 130–255 Macro generation from slow to fast-backwards
9	Color Wheel	0	0–8 Open/white - continual (wheel slot 1) 9–27 Deep red - continual (wheel slot 2) 28–45 Deep blue - continual (wheel slot 3) 46–63 Orange - continual (wheel slot 4) 64–81 Green - continual (wheel slot 5) 82–100 6000K filter - continual (wheel slot 6) 101–118 Congo blue (UV) - continual (wheel slot 7) 119–129 White - continual (wheel slot 1) 130–139 Deep red - step (wheel slot 2) 140–149 Deep blue - step (wheel slot 3) 150–159 Orange - step (wheel slot 4) 160–169 Green - step (wheel slot 5) 170–179 6000K filter - step (wheel slot 6) 180–189 Congo blue - step (wheel slot 7) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow
10	Color Wheel Fine	0	Fine byte of Color Wheel

Mode 4 - 16 bit extended (continued)

Ch	Function	Default	DMX values
11	Color Wheel 2	0	0–8 Open/white - continual (wheel slot 1) 9–27 Pink - continual (wheel slot 2) 28–45 Lavender - continual (wheel slot 3) 46–63 Laser green - continual (wheel slot 4) 64–81 CTB - continual (wheel slot 5) 82–100 Minus green - continual (wheel slot 6) 101–118 Minus 1/2 green - continual (wheel slot 7) 119–129 White - continual (wheel slot 1) 130–139 Pink - step (wheel slot 2) 140–149 Lavender - step (wheel slot 3) 150–159 Laser green - step (wheel slot 4) 160–169 CTB - step (wheel slot 5) 170–179 Minus green - step (wheel slot 6) 180–189 Minus 1/2 green - step (wheel slot 7) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow
12	Color Wheel 2 Fine	0	Fine byte of Color Wheel 2
13	Cyan	0	
14	Magenta	0	
15	Yellow	0	
16	C TO	0	0–254 CTO 5600K 255–255 CTO 3200K
17	Color Macro1	0	0–0 No macro (wheel slot 93) 1–255 Macro 1 - 63
18	Effects1Fade	0	
19	Effect	0	0–0 Max speed 1–31 Dimmer + CMY filters + correction filter 32–63 Dimmer 64–95 CMY filters + correction filter 96–255 No function
20	No Feature	0	
21	No Feature Fine	0	Fine byte of No Feature
22	No Feature Ultra Fine	0	
23	No Feature Ultra Fine2	0	
24	No Feature	0	
25	No Feature	0	
26	Zoom	128	0–254 Zoom min 255–255 Zoom max
27	Zoom Fine	0	Fine byte of Zoom
28	Shutter / Strobe	32	0–31 Closed 800W 32–63 Open Full power 64–94 Slow 95–95 Fast 96–127 Shutter open 800W 128–142 Slow 143–158 Fast 159–159 Slow 160–191 zapping from slow to fast 192–223 Random strobe from slow to fast 224–255 open
29	Dimmer	0	

Mode 4 - 16 bit extended (continued)

Ch	Function	Default	DMX values
30	Dimmer Fine	0	Fine byte of Dimmer