DLW

DLW L4019C4 BEE



Manufacturer	**DLW**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**21, 24, 25, 35 channels**
Beam angle	**4-60°**
Pan range	**540°**
Tilt range	**220°**
Heads / cells	**2**
Size (W × H × D)	**360 × 260 × 360 mm**
GDTF fixture type	**2386C000-BA0A-4724-B67F-DA...**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

Mode1-21Ch	21 ch
Mode3-78Ch	24 ch
Mode4-97Ch	25 ch
Mode2-35Ch	35 ch

Mode1-21Ch

21 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	10	0–9 Unused Range 10–255 CTO
10	Color1Wheel Index	0	
11	Shutter / Strobe	104	0–3 Closed 4–102 min Strobe 103–103 max Strobe 104–107 Open 108–206 min Pulse 207–207 max Pulse 208–212 Open 2 213–250 min Random 251–251 max Random 252–255 Open 3
12	Dimmer	0	0–254 Closed 255–255 Open
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	127	
17	Tilt Fine	255	Fine byte of Tilt
18	Function	0	0–11 No function 12–24 Pan/Tilt Fast (Default) 25–37 Pan/Tilt Normal 38–42 Dimmer Curve 1 43–47 Dimmer Curve 2 48–52 Dimmer Curve 3 (Default) 53–57 Dimmer Curve 4 58–62 RGBW Gamma curve 1 63–67 RGBW Gamma curve 2 68–72 RGBW Gamma curve 3 73–77 Halogen Off (Default) 78–82 Halogen 1 - Linear CTO @ 750W 83–87 Halogen 2 - Linear CTO @ 1000W 88–92 Halogen 2 - Linear CTO @ 1200W 93–97 Halogen 2 - Linear CTO @ 2000W 98–102 Halogen 2 - Linear CTO @ 2500W 103–105 Pixel Map On 106–255 Reserved
19	Control1	0	0–25 No function 26–76 Reset Zoom 77–127 Reset P/T 128–255 Reset All
20	Zoom	127	0–126 narrow 127–254 normal 255–255 wide

Mode1-21Ch (continued)

Ch	Function	Default	DMX values
21	Zoom Pos	0	0–126 Zero 127–127 max Index 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 << 255–255 <<<

Mode3-78Ch

24 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 Unused Range 10–255 CTO
10	Color1Wheel Index	0	
11	Shutter / Strobe	104	0–3 Closed 4–102 min Strobe 103–103 max Strobe 104–107 Open 108–206 min Pulse 207–207 max Pulse 208–212 Open 2 213–250 min Random 251–251 max Random 252–255 Open 3
12	Dimmer	0	0–254 Closed 255–255 Open
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	127	
17	Tilt Fine	255	Fine byte of Tilt

Mode3-78Ch (continued)

Ch	Function	Default	DMX values
18	Function	0	0–11 No function 12–24 Pan/Tilt Fast (Default) 25–37 Pan/Tilt Normal 38–42 Dimmer Curve 1 43–47 Dimmer Curve 2 48–52 Dimmer Curve 3 (Default) 53–57 Dimmer Curve 4 58–62 RGBW Gamma curve 1 63–67 RGBW Gamma curve 2 68–72 RGBW Gamma curve 3 73–77 Halogen Off (Default) 78–82 Halogen 1 - Linear CTO @ 750W 83–87 Halogen 2 - Linear CTO @ 1000W 88–92 Halogen 2 - Linear CTO @ 1200W 93–97 Halogen 2 - Linear CTO @ 2000W 98–102 Halogen 2 - Linear CTO @ 2500W 103–105 Pixel Map On 106–255 Reserved
19	Control1	0	0–25 No function 26–76 Reset Zoom 77–127 Reset P/T 128–255 Reset All
20	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
21	Zoom Pos	0	0–126 Zero 127–127 max Index 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 << 255–255 <<<
22	Red	255	
23	Green	255	
24	Blue	255	

Mode4-97Ch

25 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 Unused Range 10–255 CTO
10	Color1Wheel Index	0	

Mode4-97Ch (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	104	0–3 Closed 4–102 min Strobe 103–103 max Strobe 104–107 Open 108–206 min Pulse 207–207 max Pulse 208–212 Open 2 213–250 min Random 251–251 max Random 252–255 Open 3
12	Dimmer	0	0–254 Closed 255–255 Open
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	127	
17	Tilt Fine	255	Fine byte of Tilt
18	Function	0	0–11 No function 12–24 Pan/Tilt Fast (Default) 25–37 Pan/Tilt Normal 38–42 Dimmer Curve 1 43–47 Dimmer Curve 2 48–52 Dimmer Curve 3 (Default) 53–57 Dimmer Curve 4 58–62 RGBW Gamma curve 1 63–67 RGBW Gamma curve 2 68–72 RGBW Gamma curve 3 73–77 Halogen Off (Default) 78–82 Halogen 1 - Linear CTO @ 750W 83–87 Halogen 2 - Linear CTO @ 1000W 88–92 Halogen 2 - Linear CTO @ 1200W 93–97 Halogen 2 - Linear CTO @ 2000W 98–102 Halogen 2 - Linear CTO @ 2500W 103–105 Pixel Map On 106–255 Reserved
19	Control1	0	0–25 No function 26–76 Reset Zoom 77–127 Reset P/T 128–255 Reset All
20	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
21	Zoom Pos	0	0–126 Zero 127–127 max Index 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 << 255–255 <<<
22	Red	255	
23	Green	255	
24	Blue	255	
25	White	0	

Mode2-35Ch

35 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 Unused Range 10–255 CTO
10	Color1Wheel Index	0	
11	Shutter / Strobe	104	0–3 Closed 4–102 min Strobe 103–103 max Strobe 104–107 Open 108–206 min Pulse 207–207 max Pulse 208–212 Open 2 213–250 min Random 251–251 max Random 252–255 Open 3
12	Dimmer	0	0–254 Closed 255–255 Open
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	127	
17	Tilt Fine	255	Fine byte of Tilt
18	Function	0	0–11 No function 12–24 Pan/Tilt Fast (Default) 25–37 Pan/Tilt Normal 38–42 Dimmer Curve 1 43–47 Dimmer Curve 2 48–52 Dimmer Curve 3 (Default) 53–57 Dimmer Curve 4 58–62 RGBW Gamma curve 1 63–67 RGBW Gamma curve 2 68–72 RGBW Gamma curve 3 73–77 Halogen Off (Default) 78–82 Halogen 1 - Linear CTO @ 750W 83–87 Halogen 2 - Linear CTO @ 1000W 88–92 Halogen 2 - Linear CTO @ 1200W 93–97 Halogen 2 - Linear CTO @ 2000W 98–102 Halogen 2 - Linear CTO @ 2500W 103–105 Pixel Map On 106–255 Reserved
19	Control1	0	0–25 No function 26–76 Reset Zoom 77–127 Reset P/T 128–255 Reset All
20	Zoom	127	0–126 narrow 127–254 normal 255–255 wide

Mode2-35Ch (continued)

Ch	Function	Default	DMX values
21	Zoom Pos	0	0–126 Zero 127–127 max Index 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 << 255–255 <<<

Mode2-35Ch (continued)

Ch	Function	Default	DMX values
22	Effect	0	0–7 Off 8–8 Pixel 1 9–9 Ring 1 10–10 Ring 2 11–11 Empty 12–12 Pixel 1+Ring 1 13–13 Pixel 1+Ring 2 14–14 Empty 15–15 Single ring ramp 16–16 Filled rings ramp 1 17–17 Open/Close 1 18–18 Open/Close 2 19–19 Random pixels 1 20–20 Random pixels 2 21–21 Rainbow 1 22–22 Rainbow 2 23–23 Fan 24–24 Bar 1 25–25 Half moon 26–26 Triangle 27–27 Segment 1 28–28 Arc 1 29–29 Arc 2 30–30 Bar 2 31–31 Random explosion 32–32 Segment 2 33–34 Empty 35–35 Bumping section 36–36 Ramp by 6 37–37 Ramp by 4 38–38 Left/Right scrolling bar 39–39 Up/Down scrolling bar 40–40 Bar 3 41–41 Empty 42–42 Vertical arc 43–43 Empty 44–44 Horizontal arc 45–45 Mirrored pixel 46–46 Pixel animation 1 47–47 Pixel animation 2 48–48 Pixel animation 3 49–49 Pixel animation 4 50–50 Pixel animation 5 51–51 Semi arc ramp 52–52 Bumping arc section 53–53 Pixel animation 6 54–54 Vertical ramp by 2 55–55 Following pixel by 2 56–56 Syncopation 57–57 Bumping 1 58–58 Bumping 2 59–59 Bumping 3 60–60 Vertical pixel scrolling 61–61 Random vertical section 62–62 Random central section 63–63 Random ring 2 64–64 Random ring 3 65–65 Random on ring 1+3 66–66 Random on ring 2+3 67–67 Single pixel ring 1 68–68 Single pixel ring 2 69–69 Single pixel ring 3 70–70 Spiral 71–255 Reserved

Mode2-35Ch (continued)

Ch	Function	Default	DMX values
23	Effects1Pos	0	0–62 Zero 63–63 max Index 64–64 >>> 65–157 >> 158–158 > 159–160 Stop 161–161 < 162–254 << 255–255 <<<
24	Effects1Fade	0	0–15 No function 16–245 Fading time 246–255 Auto Smooth/fading time / automatic Gamma
25	Red	255	
26	Green	255	
27	Blue	255	
28	White	0	
29	Dimmer	0	0–254 Closed 255–255 Open
30	Dimmer	0	0–254 Closed 255–255 Open
31	Transition	0	0–4 No Fade 5–255 Fade form 100ms to 4sec
32	Offset	0	
33	Shutter / Strobe	104	0–3 Closed 4–102 min Strobe 103–103 max Strobe 104–107 Open 108–206 min Pulse 207–207 max Pulse 208–212 Open 2 213–250 min Random 251–251 max Random 252–255 Open 3
34	Shutter / Strobe	104	0–3 Closed 4–102 min Strobe 103–103 max Strobe 104–107 Open 108–206 min Pulse 207–207 max Pulse 208–212 Open 2 213–250 min Random 251–251 max Random 252–255 Open 3
35	Effect	0	0–8 Wash 9–9 Ring 1 10–10 Ring 2 11–11 Ring 3 12–12 Ring 1+3 13–13 Ring 1+2 14–14 Ring 1+2+3 15–15 Ring 2+3 16–255 No function