DLW

DLW 400 BEAM



Manufacturer	**DLW**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**16, 18, 24 channels**
Beam angle	**2°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**238 × 356 × 237 mm**
GDTF fixture type	**7A8CEA65-14D8-47BB-99C4-72…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

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

DMX modes

Mode3-16Ch	16 ch
Mode1-18Ch	18 ch
Mode2-24Ch	24 ch

Mode3-16Ch

16 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 Open (wheel slot 1) 5–13 Red (wheel slot 2) 14–22 Dark yellow (wheel slot 3) 23–31 Blue green (wheel slot 4) 32–40 Purplish red (wheel slot 5) 41–49 Green (wheel slot 6) 50–59 Yellow green (wheel slot 7) 60–67 Light yellow (wheel slot 8) 68–74 Rosy (wheel slot 9) 75–83 Blue (wheel slot 10) 84–92 Brown (wheel slot 11) 93–101 Brownish yellow (wheel slot 12) 102–110 Cool color (wheel slot 13) 111–119 Light blue violet (wheel slot 14) 120–127 Fluorescencel (wheel slot 15) 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 << 255–255 <<<
2	Shutter / Strobe	49	0–19 Closed 20–49 Open 50–199 min Strobe 200–200 max Strobe 201–210 Open 2 211–254 Random · min Rnd 1–14.7 Hz 255–255 Random · max Rnd 15 Hz
3	Dimmer	0	0–254 Closed 255–255 Open

Mode3-16Ch (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–3 Open (wheel slot 1) 4–7 FG1 (wheel slot 2) 8–11 FG2 (wheel slot 3) 12–15 FG3 (wheel slot 4) 16–19 FG4 (wheel slot 5) 20–23 FG5 (wheel slot 6) 24–27 FG6 (wheel slot 7) 28–31 FG7 (wheel slot 8) 32–35 FG8 (wheel slot 9) 36–39 FG9 (wheel slot 10) 40–43 FG10 (wheel slot 11) 44–47 FG11 (wheel slot 12) 48–51 FG12 (wheel slot 13) 52–55 FG13 (wheel slot 14) 56–59 FG14 (wheel slot 15) 60–63 FG15 (wheel slot 16) 64–67 FG16 (wheel slot 17) 68–71 FG17 (wheel slot 18) 72–72 >>> 73–112 >> 113–113 > 114–117 Stop 118–118 < 119–158 < 159–159 <<< 160–164 FG1 Shake (wheel slot 2) 165–170 FG2 Shake (wheel slot 3) 171–175 FG3 Shake (wheel slot 4) 176–181 FG4 Shake (wheel slot 5) 182–187 FG5 Shake (wheel slot 6) 188–192 FG6 Shake (wheel slot 7) 193–198 FG7 Shake (wheel slot 8) 199–204 FG8 Shake (wheel slot 9) 205–209 FG9 Shake (wheel slot 10) 210–215 FG10 Shake (wheel slot 11) 216–221 FG11 Shake (wheel slot 12) 222–226 FG12 Shake (wheel slot 13) 227–232 FG13 Shake (wheel slot 14) 233–238 FG14 Shake (wheel slot 15) 239–243 FG15 Shake (wheel slot 16) 244–249 FG16 Shake (wheel slot 17) 250–255 FG17 Shake (wheel slot 18)
5	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism1 (wheel slot 2)
6	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism2 (wheel slot 3)
7	Prism Rotation	0	0–126 zero 127–127 max Index 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 << 255–255 <<<<
8	Frost1	0	0–254 Open (wheel slot 1) 255–255 Frost (wheel slot 2)
9	Focus	127	
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan

Mode3-16Ch (continued)

Ch	Function	Default	DMX values
12	Tilt	128	
13	Tilt Fine	0	Fine byte of Tilt
14	Effect	0	0–127 Open (wheel slot 1) 128–255 7 Color Filter (wheel slot 2)
15	Control1	0	0–25 Normal 26–76 Reset All 77–127 Reset Specific 128–255 Reset P/T
16	Lamp Control	0	0–25 Normal 26–128 Lamp Off 179–255 Lamp On

Mode1-18Ch

18 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	Shutter / Strobe	49	0–19 Closed 20–49 Open 50–199 min Strobe 200–200 max Strobe 201–210 Open 2 211–254 Random · min Rnd 1–14.7 Hz 255–255 Random · max Rnd 15 Hz
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Focus	127	
9	Color Wheel	0	0–4 Open (wheel slot 1) 5–13 Red (wheel slot 2) 14–22 Dark yellow (wheel slot 3) 23–31 Blue green (wheel slot 4) 32–40 Purplish red (wheel slot 5) 41–49 Green (wheel slot 6) 50–59 Yellow green (wheel slot 7) 60–67 Light yellow (wheel slot 8) 68–74 Rosy (wheel slot 9) 75–83 Blue (wheel slot 10) 84–92 Brown (wheel slot 11) 93–101 Brownish yellow (wheel slot 12) 102–110 Cool color (wheel slot 13) 111–119 Light blue violet (wheel slot 14) 120–127 Fluorescencel (wheel slot 15) 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 << 255–255 <<<

Mode1-18Ch (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–3 Open (wheel slot 1) 4–7 FG1 (wheel slot 2) 8–11 FG2 (wheel slot 3) 12–15 FG3 (wheel slot 4) 16–19 FG4 (wheel slot 5) 20–23 FG5 (wheel slot 6) 24–27 FG6 (wheel slot 7) 28–31 FG7 (wheel slot 8) 32–35 FG8 (wheel slot 9) 36–39 FG9 (wheel slot 10) 40–43 FG10 (wheel slot 11) 44–47 FG11 (wheel slot 12) 48–51 FG12 (wheel slot 13) 52–55 FG13 (wheel slot 14) 56–59 FG14 (wheel slot 15) 60–63 FG15 (wheel slot 16) 64–67 FG16 (wheel slot 17) 68–71 FG17 (wheel slot 18) 72–72 >>> 73–112 >> 113–113 > 114–117 Stop 118–118 < 119–158 < 159–159 << 160–164 FG1 Shake (wheel slot 2) 165–170 FG2 Shake (wheel slot 3) 171–175 FG3 Shake (wheel slot 4) 176–181 FG4 Shake (wheel slot 5) 182–187 FG5 Shake (wheel slot 6) 188–192 FG6 Shake (wheel slot 7) 193–198 FG7 Shake (wheel slot 8) 199–204 FG8 Shake (wheel slot 9) 205–209 FG9 Shake (wheel slot 10) 210–215 FG10 Shake (wheel slot 11) 216–221 FG11 Shake (wheel slot 12) 222–226 FG12 Shake (wheel slot 13) 227–232 FG13 Shake (wheel slot 14) 233–238 FG14 Shake (wheel slot 15) 239–243 FG15 Shake (wheel slot 16) 244–249 FG16 Shake (wheel slot 17) 250–255 FG17 Shake (wheel slot 18)
11	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism1 (wheel slot 2)
12	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism2 (wheel slot 3)
13	Prism Rotation	0	0–126 zero 127–127 max Index 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 < 255–255 <<<
14	Effect	0	0–127 Open (wheel slot 1) 128–255 7 Color Filter (wheel slot 2)
15	Function	0	0–0 No Function 1–255 Macros
16	Frost1	0	0–254 Open (wheel slot 1) 255–255 Frost (wheel slot 2)

Mode1-18Ch (continued)

Ch	Function	Default	DMX values
17	Control1	0	0–25 Normal 26–76 Reset All 77–127 Reset Specific 128–255 Reset P/T
18	Lamp Control	51	0–25 Normal 26–128 Lamp Off 179–255 Lamp On

Mode2-24Ch

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	Shutter / Strobe	49	0–19 Closed 20–49 Open 50–199 min Strobe 200–200 max Strobe 201–210 Open 2 211–254 Random · min Rnd 1–14.7 Hz 255–255 Random · max Rnd 15 Hz
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Focus	127	
9	Focus Fine	127	Fine byte of Focus
10	Color Wheel	0	0–4 Open (wheel slot 1) 5–13 Red (wheel slot 2) 14–22 Dark yellow (wheel slot 3) 23–31 Blue green (wheel slot 4) 32–40 Purplish red (wheel slot 5) 41–49 Green (wheel slot 6) 50–59 Yellow green (wheel slot 7) 60–67 Light yellow (wheel slot 8) 68–74 Rosy (wheel slot 9) 75–83 Blue (wheel slot 10) 84–92 Brown (wheel slot 11) 93–101 Brownish yellow (wheel slot 12) 102–110 Cool color (wheel slot 13) 111–119 Light blue violet (wheel slot 14) 120–127 Fluorescencel (wheel slot 15) 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 << 255–255 <<<

Mode2-24Ch (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–3 Open (wheel slot 1) 4–7 FG1 (wheel slot 2) 8–11 FG2 (wheel slot 3) 12–15 FG3 (wheel slot 4) 16–19 FG4 (wheel slot 5) 20–23 FG5 (wheel slot 6) 24–27 FG6 (wheel slot 7) 28–31 FG7 (wheel slot 8) 32–35 FG8 (wheel slot 9) 36–39 FG9 (wheel slot 10) 40–43 FG10 (wheel slot 11) 44–47 FG11 (wheel slot 12) 48–51 FG12 (wheel slot 13) 52–55 FG13 (wheel slot 14) 56–59 FG14 (wheel slot 15) 60–63 FG15 (wheel slot 16) 64–67 FG16 (wheel slot 17) 68–71 FG17 (wheel slot 18) 72–72 >>> 73–112 >> 113–113 > 114–117 Stop 118–118 < 119–158 < 159–159 <<< 160–164 FG1 Shake (wheel slot 2) 165–170 FG2 Shake (wheel slot 3) 171–175 FG3 Shake (wheel slot 4) 176–181 FG4 Shake (wheel slot 5) 182–187 FG5 Shake (wheel slot 6) 188–192 FG6 Shake (wheel slot 7) 193–198 FG7 Shake (wheel slot 8) 199–204 FG8 Shake (wheel slot 9) 205–209 FG9 Shake (wheel slot 10) 210–215 FG10 Shake (wheel slot 11) 216–221 FG11 Shake (wheel slot 12) 222–226 FG12 Shake (wheel slot 13) 227–232 FG13 Shake (wheel slot 14) 233–238 FG14 Shake (wheel slot 15) 239–243 FG15 Shake (wheel slot 16) 244–249 FG16 Shake (wheel slot 17) 250–255 FG17 Shake (wheel slot 18)
12	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism1 (wheel slot 2)
13	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism2 (wheel slot 3)
14	Prism Rotation	0	0–126 zero 127–127 max Index 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 << 255–255 <<<<
15	Prism Rotation Fine	0	Fine byte of Prism Rotation
16	Effect	0	0–127 Open (wheel slot 1) 128–255 7 Color Filter (wheel slot 2)
17	Function	0	0–0 No Function 1–255 Macros

Mode2-24Ch (continued)

Ch	Function	Default	DMX values
18	Frost1	0	0–254 Open (wheel slot 1) 255–255 Frost (wheel slot 2)
19	Control1	0	0–25 Normal 26–76 Reset All 77–127 Reset Specific 128–255 Reset P/T
20	Lamp Control	51	0–25 Normal 26–128 Lamp Off 179–255 Lamp On
21	Position MSpeed	0	
22	Color Wheel Select MSpeed	0	
23	Focus MSpeed	0	
24	Gobo Wheel1MSpeed	0	