DLW

DLW 480B IP



Manufacturer	**DLW**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**20, 24, 28 channels**
Beam angle	**1.8°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**299 × 562 × 255 mm**
GDTF fixture type	**B1651A2C-F43A-4282-B29B-8B…**

Controls

Focus · Frost · Prism · Prism rotation · CMY colour mixing · 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

Mode1-20Ch	20 ch
Mode2-24Ch	24 ch
Mode3-28Ch	28 ch

Mode1-20Ch

20 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	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	Cyan	0	
10	Magenta	0	
11	Yellow	0	
12	Color Wheel	0	0–1 Open (wheel slot 1) 2–14 Red (wheel slot 2) 15–25 Yellow (wheel slot 3) 26–36 Plum red (wheel slot 4) 37–47 Yellow green (wheel slot 5) 48–58 Pink (wheel slot 6) 59–69 Orange (wheel slot 7) 70–80 Light green (wheel slot 8) 81–91 5600K (wheel slot 9) 92–102 3200K (wheel slot 10) 103–113 2500K (wheel slot 11) 114–124 Blue (wheel slot 12) 125–127 Open (wheel slot 1) 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 << 255–255 <<<

Mode1-20Ch (continued)

Ch	Function	Default	DMX values
13	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) 16–18 FG4 (wheel slot 5) 19–22 FG5 (wheel slot 6) 23–26 FG6 (wheel slot 7) 27–30 FG7 (wheel slot 8) 31–34 FG8 (wheel slot 9) 35–37 FG9 (wheel slot 10) 38–41 FG10 (wheel slot 11) 42–45 FG11 (wheel slot 12) 46–49 FG12 (wheel slot 13) 50–53 FG13 (wheel slot 14) 54–56 FG14 (wheel slot 15) 57–60 FG15 (wheel slot 16) 61–64 FG16 (wheel slot 17) 65–68 FG17 (wheel slot 18) 69–71 FG18 (wheel slot 19) 72–72 >>> 73–112 >> 113–113 > 114–117 Stop 118–118 < 119–158 < 159–159 <<< 160–165 FG1 Shake (wheel slot 2) 166–170 FG2 Shake (wheel slot 3) 171–175 FG3 Shake (wheel slot 4) 176–181 FG4 Shake (wheel slot 5) 182–186 FG5 Shake (wheel slot 6) 187–191 FG6 Shake (wheel slot 7) 192–197 FG7 Shake (wheel slot 8) 198–202 FG8 Shake (wheel slot 9) 203–207 FG9 Shake (wheel slot 10) 208–213 FG10 Shake (wheel slot 11) 214–218 FG11 Shake (wheel slot 12) 219–223 FG12 Shake (wheel slot 13) 224–229 FG13 Shake (wheel slot 14) 230–234 FG14 Shake (wheel slot 15) 235–239 FG15 Shake (wheel slot 16) 240–245 FG16 Shake (wheel slot 17) 246–250 FG17 Shake (wheel slot 18) 251–255 FG18 Shake (wheel slot 19)
14	Gobo Fine	0	Fine byte of Gobo
15	Prism	0	0–254 Open (wheel slot 1) 255–255 Prism1 (wheel slot 2)
16	Prism	0	0–254 Open (wheel slot 1) 255–255 Prism2 (wheel slot 3)
17	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 <<<<
18	Effect	0	0–254 Open (wheel slot 1) 255–255 7 Color Filter (wheel slot 2)

Mode1-20Ch (continued)

Ch	Function	Default	DMX values
19	Frost1	0	0–254 Open 255–255 Frost
20	Control1	0	0–9 Normal 10–14 Reset All 15–29 Reset Specific 30–34 Reset P/T 35–39 NoFeature 40–44 Lamp On 45–49 Lamp Off 50–255 NoFeature 1

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	128	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	Cyan	0	
11	Cyan Fine	0	Fine byte of Cyan
12	Magenta	0	
13	Magenta Fine	0	Fine byte of Magenta
14	Yellow	0	
15	Yellow Fine	0	Fine byte of Yellow

Mode2-24Ch (continued)

Ch	Function	Default	DMX values
16	Color Wheel	0	0–1 Open (wheel slot 1) 2–14 Red (wheel slot 2) 15–25 Yellow (wheel slot 3) 26–36 Plum red (wheel slot 4) 37–47 Yellow green (wheel slot 5) 48–58 Pink (wheel slot 6) 59–69 Orange (wheel slot 7) 70–80 Light green (wheel slot 8) 81–91 5600K (wheel slot 9) 92–102 3200K (wheel slot 10) 103–113 2500K (wheel slot 11) 114–124 Blue (wheel slot 12) 125–127 Open (wheel slot 1) 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 < 255–255 <<<

Mode2-24Ch (continued)

Ch	Function	Default	DMX values
17	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) 16–18 FG4 (wheel slot 5) 19–22 FG5 (wheel slot 6) 23–26 FG6 (wheel slot 7) 27–30 FG7 (wheel slot 8) 31–34 FG8 (wheel slot 9) 35–37 FG9 (wheel slot 10) 38–41 FG10 (wheel slot 11) 42–45 FG11 (wheel slot 12) 46–49 FG12 (wheel slot 13) 50–53 FG13 (wheel slot 14) 54–56 FG14 (wheel slot 15) 57–60 FG15 (wheel slot 16) 61–64 FG16 (wheel slot 17) 65–68 FG17 (wheel slot 18) 69–71 FG18 (wheel slot 19) 72–72 >>> 73–112 >> 113–113 > 114–117 Stop 118–118 < 119–158 < 159–159 << 160–165 FG1 Shake (wheel slot 2) 166–170 FG2 Shake (wheel slot 3) 171–175 FG3 Shake (wheel slot 4) 176–181 FG4 Shake (wheel slot 5) 182–186 FG5 Shake (wheel slot 6) 187–191 FG6 Shake (wheel slot 7) 192–197 FG7 Shake (wheel slot 8) 198–202 FG8 Shake (wheel slot 9) 203–207 FG9 Shake (wheel slot 10) 208–213 FG10 Shake (wheel slot 11) 214–218 FG11 Shake (wheel slot 12) 219–223 FG12 Shake (wheel slot 13) 224–229 FG13 Shake (wheel slot 14) 230–234 FG14 Shake (wheel slot 15) 235–239 FG15 Shake (wheel slot 16) 240–245 FG16 Shake (wheel slot 17) 246–250 FG17 Shake (wheel slot 18) 251–255 FG18 Shake (wheel slot 19)
18	Prism	0	0–254 Open (wheel slot 1) 255–255 Prism1 (wheel slot 2)
19	Prism	0	0–254 Open (wheel slot 1) 255–255 Prism2 (wheel slot 3)
20	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 <<<
21	Prism Rotation Fine	0	Fine byte of Prism Rotation
22	Effect	0	0–254 Open (wheel slot 1) 255–255 7 Color Filter (wheel slot 2)

Mode2-24Ch (continued)

Ch	Function	Default	DMX values
23	Frost1	0	0–254 Open 255–255 Frost
24	Control1	0	0–9 Normal 10–14 Reset All 15–29 Reset Specific 30–34 Reset P/T 35–39 NoFeature 40–44 Lamp On 45–49 Lamp Off 50–255 NoFeature 1

Mode3-28Ch

28 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	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	Cyan	0	
11	Cyan Fine	0	Fine byte of Cyan
12	Magenta	0	
13	Magenta Fine	0	Fine byte of Magenta
14	Yellow	0	
15	Yellow Fine	0	Fine byte of Yellow

Mode3-28Ch (continued)

Ch	Function	Default	DMX values
16	Color Wheel	0	0–1 Open (wheel slot 1) 2–14 Red (wheel slot 2) 15–25 Yellow (wheel slot 3) 26–36 Plum red (wheel slot 4) 37–47 Yellow green (wheel slot 5) 48–58 Pink (wheel slot 6) 59–69 Orange (wheel slot 7) 70–80 Light green (wheel slot 8) 81–91 5600K (wheel slot 9) 92–102 3200K (wheel slot 10) 103–113 2500K (wheel slot 11) 114–124 Blue (wheel slot 12) 125–127 Open (wheel slot 1) 128–128 >>> 129–189 >> 190–190 > 191–192 Stop 193–193 < 194–254 < 255–255 <<<

Mode3-28Ch (continued)

Ch	Function	Default	DMX values
17	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) 16–18 FG4 (wheel slot 5) 19–22 FG5 (wheel slot 6) 23–26 FG6 (wheel slot 7) 27–30 FG7 (wheel slot 8) 31–34 FG8 (wheel slot 9) 35–37 FG9 (wheel slot 10) 38–41 FG10 (wheel slot 11) 42–45 FG11 (wheel slot 12) 46–49 FG12 (wheel slot 13) 50–53 FG13 (wheel slot 14) 54–56 FG14 (wheel slot 15) 57–60 FG15 (wheel slot 16) 61–64 FG16 (wheel slot 17) 65–68 FG17 (wheel slot 18) 69–71 FG18 (wheel slot 19) 72–72 >>> 73–112 >> 113–113 > 114–117 Stop 118–118 < 119–158 < 159–159 <<< 160–165 FG1 Shake (wheel slot 2) 166–170 FG2 Shake (wheel slot 3) 171–175 FG3 Shake (wheel slot 4) 176–181 FG4 Shake (wheel slot 5) 182–186 FG5 Shake (wheel slot 6) 187–191 FG6 Shake (wheel slot 7) 192–197 FG7 Shake (wheel slot 8) 198–202 FG8 Shake (wheel slot 9) 203–207 FG9 Shake (wheel slot 10) 208–213 FG10 Shake (wheel slot 11) 214–218 FG11 Shake (wheel slot 12) 219–223 FG12 Shake (wheel slot 13) 224–229 FG13 Shake (wheel slot 14) 230–234 FG14 Shake (wheel slot 15) 235–239 FG15 Shake (wheel slot 16) 240–245 FG16 Shake (wheel slot 17) 246–250 FG17 Shake (wheel slot 18) 251–255 FG18 Shake (wheel slot 19)
18	Prism	0	0–254 Open (wheel slot 1) 255–255 Prism1 (wheel slot 2)
19	Prism	0	0–254 Open (wheel slot 1) 255–255 Prism2 (wheel slot 3)
20	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 <<<<
21	Prism Rotation Fine	0	Fine byte of Prism Rotation
22	Effect	0	0–254 Open (wheel slot 1) 255–255 7 Color Filter (wheel slot 2)

Mode3-28Ch (continued)

Ch	Function	Default	DMX values
23	Frost1	0	0–254 Open 255–255 Frost
24	Control1	0	0–9 Normal 10–14 Reset All 15–29 Reset Specific 30–34 Reset P/T 35–39 NoFeature 40–44 Lamp On 45–49 Lamp Off 50–255 NoFeature 1
25	Position MSpeed	0	
26	Color Mix MSpeed	0	
27	Focus MSpeed	0	
28	Gobo Wheel1MSpeed	0	