DLW

DLW J300B IP



Manufacturer	**DLW**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**20, 24, 28 channels**
Beam angle	**0.8°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**299 × 562 × 255 mm**
GDTF fixture type	**663E5602-68D7-46F6-957B-3D…**

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) 2–9 Red (wheel slot 2) 10–15 Yellow (wheel slot 3) 16–22 Plum red (wheel slot 4) 23–29 Yellow green (wheel slot 5) 30–35 Pink (wheel slot 6) 36–42 Orange (wheel slot 7) 43–48 Light green (wheel slot 8) 49–55 Cooling (wheel slot 9) 56–61 2500K (wheel slot 10) 62–68 Deep Yellow (wheel slot 11) 69–74 Fluorescence (wheel slot 12) 75–81 Dark Red (wheel slot 13) 82–87 Blue (wheel slot 14) 88–94 Orange Yellow (wheel slot 15) 95–100 Shallow Blue (wheel slot 16) 101–107 Light Green (wheel slot 17) 108–113 Copious cooling (wheel slot 18) 114–120 Deep Blue (wheel slot 19) 121–127 Ultraviole (wheel slot 20) 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) 4–5 FG1 (wheel slot 2) 6–7 FG2 (wheel slot 3) 8–9 FG3 (wheel slot 4) 10–11 FG4 (wheel slot 5) 12–13 FG5 (wheel slot 6) 14–15 FG6 (wheel slot 7) 16–17 FG7 (wheel slot 8) 18–19 FG8 (wheel slot 9) 20–21 FG9 (wheel slot 10) 22–23 FG10 (wheel slot 11) 24–25 FG11 (wheel slot 12) 26–27 FG12 (wheel slot 13) 28–29 FG13 (wheel slot 14) 30–31 FG14 (wheel slot 15) 32–33 FG15 (wheel slot 16) 34–35 FG16 (wheel slot 17) 36–37 FG17 (wheel slot 18) 38–39 FG18 (wheel slot 19) 40–41 FG19 (wheel slot 20) 42–43 FG20 (wheel slot 21) 44–45 FG21 (wheel slot 22) 46–47 FG22 (wheel slot 23) 48–49 FG23 (wheel slot 24) 50–51 FG24 (wheel slot 25) 52–53 FG25 (wheel slot 26) 54–55 FG26 (wheel slot 27) 56–57 FG27 (wheel slot 28) 58–59 FG28 (wheel slot 29) 60–61 FG29 (wheel slot 30) 62–63 FG30 (wheel slot 31) 64–65 FG31 (wheel slot 32) 66–67 FG32 (wheel slot 33) 68–68 >>> 69–82 >> 83–84 > 85–88 Stop 89–89 < 90–105 < 106–106 << 107–110 FG1 Shake (wheel slot 2) 111–115 FG2 Shake (wheel slot 3) 116–120 FG3 Shake (wheel slot 4) 121–125 FG4 Shake (wheel slot 5) 126–130 FG5 Shake (wheel slot 6) 131–135 FG6 Shake (wheel slot 7) 136–140 FG7 Shake (wheel slot 8) 141–145 FG8 Shake (wheel slot 9) 146–150 FG9 Shake (wheel slot 10) 151–155 FG10 Shake (wheel slot 11) 156–160 FG11 Shake (wheel slot 12) 161–165 FG12 Shake (wheel slot 13) 166–170 FG13 Shake (wheel slot 14) 171–175 FG14 Shake (wheel slot 15) 176–180 FG15 Shake (wheel slot 16) 181–185 FG16 Shake (wheel slot 17) 186–190 FG17 Shake (wheel slot 18) 191–195 FG18 Shake (wheel slot 19) 196–200 FG19 Shake (wheel slot 20) 201–205 FG20 Shake (wheel slot 21) 206–210 FG21 Shake (wheel slot 22) 211–215 FG22 Shake (wheel slot 23) 216–220 FG23 Shake (wheel slot 24) 221–225 FG24 Shake (wheel slot 25)

Mode1-20Ch (continued)

Ch	Function	Default	DMX values
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)
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) 2–9 Red (wheel slot 2) 10–15 Yellow (wheel slot 3) 16–22 Plum red (wheel slot 4) 23–29 Yellow green (wheel slot 5) 30–35 Pink (wheel slot 6) 36–42 Orange (wheel slot 7) 43–48 Light green (wheel slot 8) 49–55 Cooling (wheel slot 9) 56–61 2500K (wheel slot 10) 62–68 Deep Yellow (wheel slot 11) 69–74 Fluorescence (wheel slot 12) 75–81 Dark Red (wheel slot 13) 82–87 Blue (wheel slot 14) 88–94 Orange Yellow (wheel slot 15) 95–100 Shallow Blue (wheel slot 16) 101–107 Light Green (wheel slot 17) 108–113 Copious cooling (wheel slot 18) 114–120 Deep Blue (wheel slot 19) 121–127 Ultraviole (wheel slot 20) 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) 4–5 FG1 (wheel slot 2) 6–7 FG2 (wheel slot 3) 8–9 FG3 (wheel slot 4) 10–11 FG4 (wheel slot 5) 12–13 FG5 (wheel slot 6) 14–15 FG6 (wheel slot 7) 16–17 FG7 (wheel slot 8) 18–19 FG8 (wheel slot 9) 20–21 FG9 (wheel slot 10) 22–23 FG10 (wheel slot 11) 24–25 FG11 (wheel slot 12) 26–27 FG12 (wheel slot 13) 28–29 FG13 (wheel slot 14) 30–31 FG14 (wheel slot 15) 32–33 FG15 (wheel slot 16) 34–35 FG16 (wheel slot 17) 36–37 FG17 (wheel slot 18) 38–39 FG18 (wheel slot 19) 40–41 FG19 (wheel slot 20) 42–43 FG20 (wheel slot 21) 44–45 FG21 (wheel slot 22) 46–47 FG22 (wheel slot 23) 48–49 FG23 (wheel slot 24) 50–51 FG24 (wheel slot 25) 52–53 FG25 (wheel slot 26) 54–55 FG26 (wheel slot 27) 56–57 FG27 (wheel slot 28) 58–59 FG28 (wheel slot 29) 60–61 FG29 (wheel slot 30) 62–63 FG30 (wheel slot 31) 64–65 FG31 (wheel slot 32) 66–67 FG32 (wheel slot 33) 68–68 >>> 69–82 >> 83–84 > 85–88 Stop 89–89 < 90–105 << 106–106 << 107–110 FG1 Shake (wheel slot 2) 111–115 FG2 Shake (wheel slot 3) 116–120 FG3 Shake (wheel slot 4) 121–125 FG4 Shake (wheel slot 5) 126–130 FG5 Shake (wheel slot 6) 131–135 FG6 Shake (wheel slot 7) 136–140 FG7 Shake (wheel slot 8) 141–145 FG8 Shake (wheel slot 9) 146–150 FG9 Shake (wheel slot 10) 151–155 FG10 Shake (wheel slot 11) 156–160 FG11 Shake (wheel slot 12) 161–165 FG12 Shake (wheel slot 13) 166–170 FG13 Shake (wheel slot 14) 171–175 FG14 Shake (wheel slot 15) 176–180 FG15 Shake (wheel slot 16) 181–185 FG16 Shake (wheel slot 17) 186–190 FG17 Shake (wheel slot 18) 191–195 FG18 Shake (wheel slot 19) 196–200 FG19 Shake (wheel slot 20) 201–205 FG20 Shake (wheel slot 21) 206–210 FG21 Shake (wheel slot 22) 211–215 FG22 Shake (wheel slot 23) 216–220 FG23 Shake (wheel slot 24) 221–225 FG24 Shake (wheel slot 25)

Mode2-24Ch (continued)

Ch	Function	Default	DMX values
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)
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) 2–9 Red (wheel slot 2) 10–15 Yellow (wheel slot 3) 16–22 Plum red (wheel slot 4) 23–29 Yellow green (wheel slot 5) 30–35 Pink (wheel slot 6) 36–42 Orange (wheel slot 7) 43–48 Light green (wheel slot 8) 49–55 Cooling (wheel slot 9) 56–61 2500K (wheel slot 10) 62–68 Deep Yellow (wheel slot 11) 69–74 Fluorescence (wheel slot 12) 75–81 Dark Red (wheel slot 13) 82–87 Blue (wheel slot 14) 88–94 Orange Yellow (wheel slot 15) 95–100 Shallow Blue (wheel slot 16) 101–107 Light Green (wheel slot 17) 108–113 Copious cooling (wheel slot 18) 114–120 Deep Blue (wheel slot 19) 121–127 Ultraviole (wheel slot 20) 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) 4–5 FG1 (wheel slot 2) 6–7 FG2 (wheel slot 3) 8–9 FG3 (wheel slot 4) 10–11 FG4 (wheel slot 5) 12–13 FG5 (wheel slot 6) 14–15 FG6 (wheel slot 7) 16–17 FG7 (wheel slot 8) 18–19 FG8 (wheel slot 9) 20–21 FG9 (wheel slot 10) 22–23 FG10 (wheel slot 11) 24–25 FG11 (wheel slot 12) 26–27 FG12 (wheel slot 13) 28–29 FG13 (wheel slot 14) 30–31 FG14 (wheel slot 15) 32–33 FG15 (wheel slot 16) 34–35 FG16 (wheel slot 17) 36–37 FG17 (wheel slot 18) 38–39 FG18 (wheel slot 19) 40–41 FG19 (wheel slot 20) 42–43 FG20 (wheel slot 21) 44–45 FG21 (wheel slot 22) 46–47 FG22 (wheel slot 23) 48–49 FG23 (wheel slot 24) 50–51 FG24 (wheel slot 25) 52–53 FG25 (wheel slot 26) 54–55 FG26 (wheel slot 27) 56–57 FG27 (wheel slot 28) 58–59 FG28 (wheel slot 29) 60–61 FG29 (wheel slot 30) 62–63 FG30 (wheel slot 31) 64–65 FG31 (wheel slot 32) 66–67 FG32 (wheel slot 33) 68–68 >>> 69–82 >> 83–84 > 85–88 Stop 89–89 < 90–105 << 106–106 << 107–110 FG1 Shake (wheel slot 2) 111–115 FG2 Shake (wheel slot 3) 116–120 FG3 Shake (wheel slot 4) 121–125 FG4 Shake (wheel slot 5) 126–130 FG5 Shake (wheel slot 6) 131–135 FG6 Shake (wheel slot 7) 136–140 FG7 Shake (wheel slot 8) 141–145 FG8 Shake (wheel slot 9) 146–150 FG9 Shake (wheel slot 10) 151–155 FG10 Shake (wheel slot 11) 156–160 FG11 Shake (wheel slot 12) 161–165 FG12 Shake (wheel slot 13) 166–170 FG13 Shake (wheel slot 14) 171–175 FG14 Shake (wheel slot 15) 176–180 FG15 Shake (wheel slot 16) 181–185 FG16 Shake (wheel slot 17) 186–190 FG17 Shake (wheel slot 18) 191–195 FG18 Shake (wheel slot 19) 196–200 FG19 Shake (wheel slot 20) 201–205 FG20 Shake (wheel slot 21) 206–210 FG21 Shake (wheel slot 22) 211–215 FG22 Shake (wheel slot 23) 216–220 FG23 Shake (wheel slot 24) 221–225 FG24 Shake (wheel slot 25)

Mode3-28Ch (continued)

Ch	Function	Default	DMX values
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)
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	