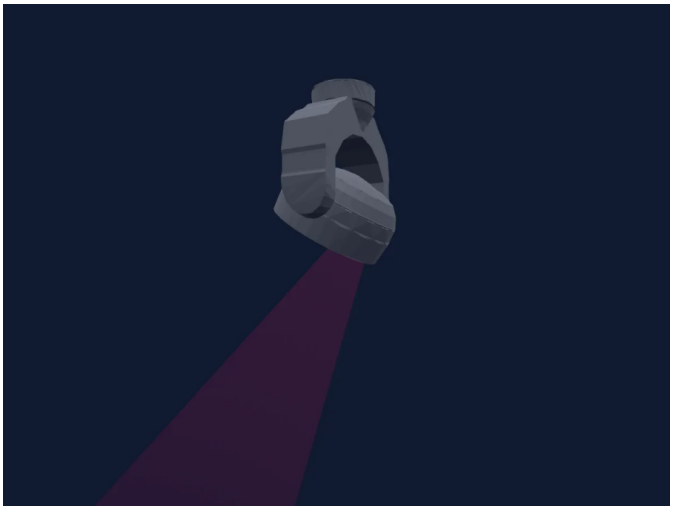
GLP

impression X4 L



Manufacturer	**GLP**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**21, 25, 29, 31 channels**
Beam angle	**7-50°**
Pan range	**660°**
Tilt range	**300°**
Heads / cells	**2**
Size (W × H × D)	**341 × 194 × 341 mm**
GDTF fixture type	**4B296F7A-BBD4-4880-B2D8-B…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Compressed	21 ch
Single Pixel	25 ch
Normal	29 ch
High Resolution	31 ch

Compressed

21 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Color Wheel	0	0–7 Colors Adjustable Via RGB (wheel slot 1) 8–15 Red (wheel slot 1) 16–23 Amber (wheel slot 2) 24–31 Warm Yellow (wheel slot 3) 32–39 Yellow (wheel slot 4) 40–47 Green (wheel slot 5) 48–55 Turquoise (wheel slot 6) 56–63 Cyan (wheel slot 7) 64–71 Blue (wheel slot 8) 72–79 Lavender (wheel slot 9) 80–87 Mauve (wheel slot 10) 88–95 Magenta (wheel slot 11) 96–103 Pink (wheel slot 12) 104–111 White CTO 3200K (wheel slot 13) 112–119 White 5600K (wheel slot 14) 120–127 White CTB 7200K (wheel slot 15) 128–128 Rainbow Effect Stop (wheel slot 17) 129–223 Rainbow Effect (wheel slot 18) 224–255 Random Colors (wheel slot 19)
6	Red	255	
7	Green	255	
8	Blue	255	
9	White	0	
10	Shutter1Strobe	253	0–15 Closed 16–46 Random Pulse Slow 47–47 Fast Random Pulse 48–78 Slow 79–79 Fast 80–110 Slow 111–111 Fast 112–142 Slow 143–143 Fast 144–198 Slow 199–199 Fast 200–238 Slow 239–239 Fast 254–255 Open
11	Dimmer	0	
12	C TO	0	0–7 No CTO 8–253 2500k 254–255 10000k

Compressed (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–3 Pattern Block 1 4–7 Pattern Block 2 8–11 Pattern Block 3 12–15 Pattern Block 4 16–19 Pattern Block 5 20–23 Pattern Block 6 24–27 Pattern Block 7 28–31 Pattern Block 8 32–35 Pattern Block 9 36–79 Pattern Block 10 80–215 Switch Pattern To Animation 216–219 Set Zoom Normal 220–249 Set Zoom Inverted 250–255 Reset
14	Zoom	128	0–127 Narrow 128–254 Normal 255–255 Wide
15	Pattern	0	0–0 No Pattern 1–254 254 Pre Defined Patterns 255–255 Single Pixel Enable
16	Phase	0	
17	Speed	0	
18	Crossfade	0	0–127 0 Seconds 128–254 1 Second 255–255 2 Seconds
19	Orientation	0	0–1 Pan Normal / Tilt Normal 0deg 2–3 Pan Normal / Tilt Normal 60deg 4–5 Pan Normal / Tilt Normal 120deg 6–7 Pan Normal / Tilt Normal 180deg 8–9 Pan Normal / Tilt Normal 240deg 10–15 Pan Normal / Tilt Normal 300deg 16–17 Pan Normal / Tilt Inverted 0deg 18–19 Pan Normal / Tilt Inverted 60deg 20–21 Pan Normal / Tilt Inverted 120deg 22–23 Pan Normal / Tilt Inverted 180deg 24–25 Pan Normal / Tilt Inverted 240deg 26–31 Pan Normal / Tilt Inverted 300deg 32–33 Pan Inverted / Tilt Normal 0deg 34–35 Pan Inverted / Tilt Normal 60deg 36–37 Pan Inverted / Tilt Normal 120deg 38–39 Pan Inverted / Tilt Normal 180deg 40–41 Pan Inverted / Tilt Normal 240deg 42–47 Pan Inverted / Tilt Normal 300deg 48–49 Pan Inverted / Tilt Inverted 0deg 50–51 Pan Inverted / Tilt Inverted 60deg 52–53 Pan Inverted / Tilt Inverted 120deg 54–55 Pan Inverted / Tilt Inverted 180deg 56–57 Pan Inverted / Tilt Inverted 240deg 58–255 Pan Inverted / Tilt Inverted 300deg
20	Pattern Effect	0	0–1 No Effect 2–15 Crossfade 16–31 Random Flash White 32–47 Random Color 48–255 Random Color Background Only
21	Beam Shaper	128	

Single Pixel

25 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Color Wheel	0	0–7 Colors Adjustable Via RGB (wheel slot 1) 8–15 Red (wheel slot 1) 16–23 Amber (wheel slot 2) 24–31 Warm Yellow (wheel slot 3) 32–39 Yellow (wheel slot 4) 40–47 Green (wheel slot 5) 48–55 Turquoise (wheel slot 6) 56–63 Cyan (wheel slot 7) 64–71 Blue (wheel slot 8) 72–79 Lavender (wheel slot 9) 80–87 Mauve (wheel slot 10) 88–95 Magenta (wheel slot 11) 96–103 Pink (wheel slot 12) 104–111 White CTO 3200K (wheel slot 13) 112–119 White 5600K (wheel slot 14) 120–127 White CTB 7200K (wheel slot 15) 128–128 Rainbow Effect Stop (wheel slot 17) 129–223 Rainbow Effect (wheel slot 18) 224–255 Random Colors (wheel slot 19)
6	Red	0	
7	Green	0	
8	Blue	0	
9	White	0	
10	Shutter1Strobe	253	0–15 Closed 16–46 Random Pulse Slow 47–47 Fast Random Pulse 48–78 Slow 79–79 Fast 80–110 Slow 111–111 Fast 112–142 Slow 143–143 Fast 144–198 Slow 199–199 Fast 200–238 Slow 239–239 Fast 254–255 Open
11	Dimmer	0	
12	C TO	0	0–7 No CTO 8–253 2500k 254–255 10000k

Single Pixel (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–3 Pattern Block 1 4–7 Pattern Block 2 8–11 Pattern Block 3 12–15 Pattern Block 4 16–19 Pattern Block 5 20–23 Pattern Block 6 24–27 Pattern Block 7 28–31 Pattern Block 8 32–35 Pattern Block 9 36–79 Pattern Block 10 80–215 Switch Pattern To Animation 216–219 Set Zoom Normal 220–249 Set Zoom Inverted 250–255 Reset
14	Zoom	128	0–127 Narrow 128–254 Normal 255–255 Wide
15	Pattern	0	0–0 No Pattern 1–254 254 Pre Defined Patterns 255–255 Single Pixel Enable
16	Phase	0	
17	Speed	0	
18	Crossfade	0	0–127 0 Seconds 128–254 1 Second 255–255 2 Seconds
19	Orientation	0	0–1 Pan Normal / Tilt Normal 0deg 2–3 Pan Normal / Tilt Normal 60deg 4–5 Pan Normal / Tilt Normal 120deg 6–7 Pan Normal / Tilt Normal 180deg 8–9 Pan Normal / Tilt Normal 240deg 10–15 Pan Normal / Tilt Normal 300deg 16–17 Pan Normal / Tilt Inverted 0deg 18–19 Pan Normal / Tilt Inverted 60deg 20–21 Pan Normal / Tilt Inverted 120deg 22–23 Pan Normal / Tilt Inverted 180deg 24–25 Pan Normal / Tilt Inverted 240deg 26–31 Pan Normal / Tilt Inverted 300deg 32–33 Pan Inverted / Tilt Normal 0deg 34–35 Pan Inverted / Tilt Normal 60deg 36–37 Pan Inverted / Tilt Normal 120deg 38–39 Pan Inverted / Tilt Normal 180deg 40–41 Pan Inverted / Tilt Normal 240deg 42–47 Pan Inverted / Tilt Normal 300deg 48–49 Pan Inverted / Tilt Inverted 0deg 50–51 Pan Inverted / Tilt Inverted 60deg 52–53 Pan Inverted / Tilt Inverted 120deg 54–55 Pan Inverted / Tilt Inverted 180deg 56–57 Pan Inverted / Tilt Inverted 240deg 58–255 Pan Inverted / Tilt Inverted 300deg
20	Pattern Effect	0	0–1 No Effect 2–15 Crossfade 16–31 Random Flash White 32–47 Random Color 48–255 Random Color Background Only
21	Beam Shaper	128	
22	Red	255	
23	Green	255	
24	Blue	255	

Single Pixel (continued)

Ch	Function	Default	DMX values
25	White	0	

Normal

29 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Color Wheel	0	0–7 Colors Adjustable Via RGB (wheel slot 1) 8–15 Red (wheel slot 1) 16–23 Amber (wheel slot 2) 24–31 Warm Yellow (wheel slot 3) 32–39 Yellow (wheel slot 4) 40–47 Green (wheel slot 5) 48–55 Turquoise (wheel slot 6) 56–63 Cyan (wheel slot 7) 64–71 Blue (wheel slot 8) 72–79 Lavender (wheel slot 9) 80–87 Mauve (wheel slot 10) 88–95 Magenta (wheel slot 11) 96–103 Pink (wheel slot 12) 104–111 White CTO 3200K (wheel slot 13) 112–119 White 5600K (wheel slot 14) 120–127 White CTB 7200K (wheel slot 15) 128–128 Rainbow Effect Stop (wheel slot 17) 129–223 Rainbow Effect (wheel slot 18) 224–255 Random Colors (wheel slot 19)
6	Red	255	
7	Green	255	
8	Blue	255	
9	White	0	
10	Shutter1Strobe	253	0–15 Closed 16–46 Random Pulse Slow 47–47 Fast Random Pulse 48–78 Slow 79–79 Fast 80–110 Slow 111–111 Fast 112–142 Slow 143–143 Fast 144–198 Slow 199–199 Fast 200–238 Slow 239–239 Fast 254–255 Open
11	Dimmer	0	
12	C TO	0	0–7 No CTO 8–253 2500k 254–255 10000k

Normal (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–3 Pattern Block 1 4–7 Pattern Block 2 8–11 Pattern Block 3 12–15 Pattern Block 4 16–19 Pattern Block 5 20–23 Pattern Block 6 24–27 Pattern Block 7 28–31 Pattern Block 8 32–35 Pattern Block 9 36–79 Pattern Block 10 80–215 Switch Pattern To Animation 216–219 Set Zoom Normal 220–249 Set Zoom Inverted 250–255 Reset
14	Position Effect	0	
15	Position Effect Rate	0	
16	Zoom	128	0–127 Narrow 128–254 Normal 255–255 Wide
17	Pattern	0	0–0 No Pattern 1–254 254 Pre Defined Patterns 255–255 Single Pixel Enable
18	Dim Foreground	255	
19	Dim Background	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	White	255	
24	Phase	0	
25	Speed	0	
26	Crossfade	0	0–127 0 Seconds 128–254 1 Second 255–255 2 Seconds
27	Orientation	0	0–1 Pan Normal / Tilt Normal 0deg 2–3 Pan Normal / Tilt Normal 60deg 4–5 Pan Normal / Tilt Normal 120deg 6–7 Pan Normal / Tilt Normal 180deg 8–9 Pan Normal / Tilt Normal 240deg 10–15 Pan Normal / Tilt Normal 300deg 16–17 Pan Normal / Tilt Inverted 0deg 18–19 Pan Normal / Tilt Inverted 60deg 20–21 Pan Normal / Tilt Inverted 120deg 22–23 Pan Normal / Tilt Inverted 180deg 24–25 Pan Normal / Tilt Inverted 240deg 26–31 Pan Normal / Tilt Inverted 300deg 32–33 Pan Inverted / Tilt Normal 0deg 34–35 Pan Inverted / Tilt Normal 60deg 36–37 Pan Inverted / Tilt Normal 120deg 38–39 Pan Inverted / Tilt Normal 180deg 40–41 Pan Inverted / Tilt Normal 240deg 42–47 Pan Inverted / Tilt Normal 300deg 48–49 Pan Inverted / Tilt Inverted 0deg 50–51 Pan Inverted / Tilt Inverted 60deg 52–53 Pan Inverted / Tilt Inverted 120deg 54–55 Pan Inverted / Tilt Inverted 180deg 56–57 Pan Inverted / Tilt Inverted 240deg 58–255 Pan Inverted / Tilt Inverted 300deg

Normal (continued)

Ch	Function	Default	DMX values
28	Pattern Effect	0	0–1 No Effect 2–15 Crossfade 16–31 Random Flash White 32–47 Random Color 48–255 Random Color Background Only
29	Beam Shaper	128	

High Resolution

31 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Red	255	
6	Red Fine	255	Fine byte of Red
7	Green	255	
8	Green Fine	255	Fine byte of Green
9	Blue	255	
10	Blue Fine	255	Fine byte of Blue
11	White	0	
12	White Fine	0	Fine byte of White
13	Control1	0	0–3 Pattern Block 1 4–7 Pattern Block 2 8–11 Pattern Block 3 12–15 Pattern Block 4 16–19 Pattern Block 5 20–23 Pattern Block 6 24–27 Pattern Block 7 28–31 Pattern Block 8 32–35 Pattern Block 9 36–79 Pattern Block 10 80–215 Switch Pattern To Animation 216–219 Set Zoom Normal 220–249 Set Zoom Inverted 250–255 Reset
14	Shutter1Strobe	253	0–15 Closed 16–46 Random Pulse Slow 47–47 Fast Random Pulse 48–78 Slow 79–79 Fast 80–110 Slow 111–111 Fast 112–142 Slow 143–143 Fast 144–198 Slow 199–199 Fast 200–238 Slow 239–239 Fast 254–255 Open
15	Dimmer	0	
16	Dimmer Fine	0	Fine byte of Dimmer
17	C TO	0	0–7 No CTO 8–253 2500k 254–255 10000k

High Resolution (continued)

Ch	Function	Default	DMX values
18	Zoom	128	0–127 Narrow 128–254 Normal 255–255 Wide
19	Pattern	0	0–0 No Pattern 1–254 254 Pre Defined Patterns 255–255 Single Pixel Enable
20	Dim Foreground	255	
21	Dim Background	255	
22	Red	255	
23	Green	255	
24	Blue	255	
25	White	255	
26	Phase	0	
27	Speed	0	
28	Crossfade	0	0–127 0 Seconds 128–254 1 Second 255–255 2 Seconds
29	Orientation	0	0–1 Pan Normal / Tilt Normal 0deg 2–3 Pan Normal / Tilt Normal 60deg 4–5 Pan Normal / Tilt Normal 120deg 6–7 Pan Normal / Tilt Normal 180deg 8–9 Pan Normal / Tilt Normal 240deg 10–15 Pan Normal / Tilt Normal 300deg 16–17 Pan Normal / Tilt Inverted 0deg 18–19 Pan Normal / Tilt Inverted 60deg 20–21 Pan Normal / Tilt Inverted 120deg 22–23 Pan Normal / Tilt Inverted 180deg 24–25 Pan Normal / Tilt Inverted 240deg 26–31 Pan Normal / Tilt Inverted 300deg 32–33 Pan Inverted / Tilt Normal 0deg 34–35 Pan Inverted / Tilt Normal 60deg 36–37 Pan Inverted / Tilt Normal 120deg 38–39 Pan Inverted / Tilt Normal 180deg 40–41 Pan Inverted / Tilt Normal 240deg 42–47 Pan Inverted / Tilt Normal 300deg 48–49 Pan Inverted / Tilt Inverted 0deg 50–51 Pan Inverted / Tilt Inverted 60deg 52–53 Pan Inverted / Tilt Inverted 120deg 54–55 Pan Inverted / Tilt Inverted 180deg 56–57 Pan Inverted / Tilt Inverted 240deg 58–255 Pan Inverted / Tilt Inverted 300deg
30	Pattern Effect	0	0–1 No Effect 2–15 Crossfade 16–31 Random Flash White 32–47 Random Color 48–255 Random Color Background Only
31	Beam Shaper	128	