OGSON fixtures

Clay Paky Spot QWO 800



Manufacturer	**OGSON fixtures**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**32, 36 channels**
Beam angle	**11-55°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**240 × 400 × 260 mm**
GDTF fixture type	**D041453C-DC6A-4695-972E-58…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

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

DMX modes

Standard Mode (32 ch)	32 ch
Vector Mode (36 ch)	36 ch

Standard Mode (32 ch)

32 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	C TO	0	0–254 min CTO 255–255 max CTO
5	Color Wheel	0	0–8 Open (wheel slot 1) 9–22 Red (wheel slot 2) 23–37 CTO 2600 (wheel slot 3) 38–52 Green (wheel slot 4) 53–67 Light Green (wheel slot 5) 68–82 Lavender (wheel slot 6) 83–97 Aquamarine (wheel slot 7) 98–112 Orange (wheel slot 8) 113–127 Blue (wheel slot 9) 128–254 CCW 255–255 CW

Standard Mode (32 ch) (continued)

Ch	Function	Default	DMX values
6	Color Wheel 2	0	0–2 Open (wheel slot 1) 3–6 Med Bastard Amber (wheel slot 2) 7–9 Med Yellow (wheel slot 3) 10–13 Bright Red (wheel slot 4) 14–16 Lavender (wheel slot 5) 17–20 Pale Blue (wheel slot 6) 21–23 Sky Blue (wheel slot 7) 24–27 Tokyo Blue (wheel slot 8) 28–30 Just Blue (wheel slot 9) 31–34 Lime Green (wheel slot 10) 35–37 Dark Yellow Green (wheel slot 11) 38–41 Spring Yellow (wheel slot 12) 42–44 Yellow (wheel slot 13) 45–47 Light Amber (wheel slot 14) 48–51 Straw (wheel slot 15) 52–54 Deep Amber (wheel slot 16) 55–58 Orange (wheel slot 17) 59–61 Primary Red (wheel slot 18) 62–65 Light Rose (wheel slot 19) 66–68 English Rose (wheel slot 20) 69–72 Light Salmon (wheel slot 21) 73–75 Dark Pink (wheel slot 22) 76–79 Peacock Blue (wheel slot 23) 80–82 Medium Blue Green (wheel slot 24) 83–85 Steel Blue (wheel slot 25) 86–89 Light Blue (wheel slot 26) 90–92 Dark Blue (wheel slot 27) 93–96 Deep Blue (wheel slot 28) 97–99 Leaf Green (wheel slot 29) 100–103 Fern Green (wheel slot 30) 104–106 Mauve (wheel slot 31) 107–110 Bright Pink (wheel slot 32) 111–113 Marine Blue (wheel slot 33) 114–117 Medium Blue (wheel slot 34) 118–120 Golden Amber (wheel slot 35) 121–124 Deep Golden Amber (wheel slot 36) 125–127 Pale Lavender (wheel slot 37) 128–130 Special Lavender (wheel slot 38) 131–134 Pale Green (wheel slot 39) 135–137 Light Green (wheel slot 40) 138–141 Primary Green (wheel slot 41) 142–144 Bright Blue (wheel slot 42) 145–148 Apricot (wheel slot 43) 149–151 Bright Rose (wheel slot 44) 152–155 Pale Gold (wheel slot 45) 156–158 Pale Rose (wheel slot 46) 159–162 Pink (wheel slot 47) 163–165 Deep Orange (wheel slot 48) 166–169 Bastard Amber (wheel slot 49) 170–172 Flame Red (wheel slot 50) 173–175 Daylight Blue (wheel slot 51) 176–179 Lilac Tint (wheel slot 52) 180–182 Deep Lavender (wheel slot 53) 183–186 Lagoon Blue (wheel slot 54) 187–189 Chrome Orange (wheel slot 55) 190–193 Dark Lavender (wheel slot 56) 194–196 Congo Blue (wheel slot 57) 197–200 Alice Blue (wheel slot 58) 201–203 Full CTB (wheel slot 59) 204–207 1/2 CTB (wheel slot 60) 208–210 1/4 CTB (wheel slot 61) 211–213 Full CT Orange (wheel slot 62) 214–217 1/2 CTO (wheel slot 63) 218–220 1/4 CTO (wheel slot 64)

Standard Mode (32 ch) (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	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 Shutter1StrobeRandom 6 · min Rndm 0.1–9.74 Hz 251–251 Shutter1StrobeRandom 6 · max Rndm 10 Hz 252–255 Open (3)
8	Dimmer	0	0–63 Closed 64–127 25% 128–195 50% 196–254 75% 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Iris	128	0–127 Closed Iris 128–131 Open Iris 132–170 min Strobe 171–171 max Strobe 172–210 min Strobe Pulse Close 211–211 max Strobe Pulse Close 212–250 min Strobe Pulse Open 251–251 max Strobe Pulse Open 252–255 Open Iris (2)
11	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–71 Gobo 8 (wheel slot 9) 72–72 max CCW 73–113 CCW 114–117 Stop 118–158 CW 159–159 max CW 160–171 Gobo 1 Shake (wheel slot 2) 172–183 Gobo 2 Shake (wheel slot 3) 184–195 Gobo 3 Shake (wheel slot 4) 196–207 Gobo 4 Shake (wheel slot 5) 208–219 Gobo 5 Shake (wheel slot 6) 220–231 Gobo 6 Shake (wheel slot 7) 232–243 Gobo 7 Shake (wheel slot 8) 244–255 Gobo 8 Shake (wheel slot 9)

Standard Mode (32 ch) (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–16 Open (wheel slot 1) 17–32 Gobo 1 (wheel slot 2) 33–48 Gobo 2 (wheel slot 3) 49–64 Gobo 3 (wheel slot 4) 65–81 Gobo 4 (wheel slot 5) 82–97 Gobo 5 (wheel slot 6) 98–113 Gobo 6 (wheel slot 7) 114–129 Gobo 7 (wheel slot 8) 130–147 Gobo 1 Shake (wheel slot 2) 148–165 Gobo 2 Shake (wheel slot 3) 166–183 Gobo 3 Shake (wheel slot 4) 184–201 Gobo 4 Shake (wheel slot 5) 202–219 Gobo 5 Shake (wheel slot 6) 220–237 Gobo 6 Shake (wheel slot 7) 238–255 Gobo 7 Shake (wheel slot 8)
13	Gobo Rotation 2	0	0–20 0 deg 21–41 90 deg 42–62 180 deg 63–83 270 deg 84–104 360 deg 105–126 450 deg 127–127 540 deg 128–128 max CW 129–190 CW 191–192 Stop 193–254 CCW 255–255 max CCW
14	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
15	Prism	0	0–127 Open 128–255 3 facet prism
16	Prism Rotation	0	0–20 0 deg 21–41 90 deg 42–62 180 deg 63–83 270 deg 84–104 360 deg 105–126 450 deg 127–127 540 deg 128–128 max CCW 129–190 CCW 191–192 Stop 193–254 CW 255–255 max CW
17	Frost1	0	0–254 min Frost 255–255 max Frost
18	Animation Wheel1	0	0–254 Open 255–255 Animation
19	Animation Wheel1Pos Rotate	0	0–1 max CCW 2–124 CCW 125–125 Stop 126–254 CW 255–255 max CW
20	Focus	0	0–254 Distant 255–255 Near
21	Focus Fine	0	Fine byte of Focus
22	Zoom	128	0–254 Wide 255–255 Narrow
23	Focus1Distance	0	0–6 AutoFocus Off 7–254 Near 255–255 Far

Standard Mode (32 ch) (continued)

Ch	Function	Default	DMX values
24	Focus1Adjust	128	
25	Effect	0	0–7 Macro off 8–11 Stand by 12–15 Stand by black 16–27 Macro 1 28–39 Macro 2 40–51 Macro 3 52–63 Macro 4 64–75 Macro 5 76–87 Macro 6 88–99 Macro 7 100–111 Macro 8 112–135 Stand by black (2) 136–159 Random Macro 1 160–171 Random Macro 3 172–183 Random Macro 4 184–195 Random Macro 5 196–207 Random Macro 6 208–219 Random Macro 7 220–231 Random Macro 8 232–255 Stand by black (3)
26	Pan	128	
27	Pan Fine	0	Fine byte of Pan
28	Tilt	128	
29	Tilt Fine	0	Fine byte of Tilt
30	Dimmer Curve	0	0–11 Unused Range 12–24 Pan Tilt Fast 25–37 Pan Tilt Normal 38–50 Dimmer Curve Conventional 51–62 Dimmer Curve Linear 63–255 Unused Range (2)
31	Fixture Global Reset	0	0–25 Unused Range 26–76 Effects Reset 77–127 Pan/Tilt Reset 128–255 Complete Reset
32	Lamp Control	0	0–25 Unused Range 26–100 Lamp Off 101–179 Unused Range (2) 180–255 Lamp On

Vector Mode (36 ch)

36 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	C TO	0	0–254 min CTO 255–255 max CTO

Vector Mode (36 ch) (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–8 Open (wheel slot 1) 9–22 Red (wheel slot 2) 23–37 CTO 2600 (wheel slot 3) 38–52 Green (wheel slot 4) 53–67 Light Green (wheel slot 5) 68–82 Lavender (wheel slot 6) 83–97 Aquamarine (wheel slot 7) 98–112 Orange (wheel slot 8) 113–127 Blue (wheel slot 9) 128–254 CCW 255–255 CW

Vector Mode (36 ch) (continued)

Ch	Function	Default	DMX values
6	Color Wheel 2	0	0–2 Open (wheel slot 1) 3–6 Med Bastard Amber (wheel slot 2) 7–9 Med Yellow (wheel slot 3) 10–13 Bright Red (wheel slot 4) 14–16 Lavender (wheel slot 5) 17–20 Pale Blue (wheel slot 6) 21–23 Sky Blue (wheel slot 7) 24–27 Tokyo Blue (wheel slot 8) 28–30 Just Blue (wheel slot 9) 31–34 Lime Green (wheel slot 10) 35–37 Dark Yellow Green (wheel slot 11) 38–41 Spring Yellow (wheel slot 12) 42–44 Yellow (wheel slot 13) 45–47 Light Amber (wheel slot 14) 48–51 Straw (wheel slot 15) 52–54 Deep Amber (wheel slot 16) 55–58 Orange (wheel slot 17) 59–61 Primary Red (wheel slot 18) 62–65 Light Rose (wheel slot 19) 66–68 English Rose (wheel slot 20) 69–72 Light Salmon (wheel slot 21) 73–75 Dark Pink (wheel slot 22) 76–79 Peacock Blue (wheel slot 23) 80–82 Medium Blue Green (wheel slot 24) 83–85 Steel Blue (wheel slot 25) 86–89 Light Blue (wheel slot 26) 90–92 Dark Blue (wheel slot 27) 93–96 Deep Blue (wheel slot 28) 97–99 Leaf Green (wheel slot 29) 100–103 Fern Green (wheel slot 30) 104–106 Mauve (wheel slot 31) 107–110 Bright Pink (wheel slot 32) 111–113 Marine Blue (wheel slot 33) 114–117 Medium Blue (wheel slot 34) 118–120 Golden Amber (wheel slot 35) 121–124 Deep Golden Amber (wheel slot 36) 125–127 Pale Lavender (wheel slot 37) 128–130 Special Lavender (wheel slot 38) 131–134 Pale Green (wheel slot 39) 135–137 Light Green (wheel slot 40) 138–141 Primary Green (wheel slot 41) 142–144 Bright Blue (wheel slot 42) 145–148 Apricot (wheel slot 43) 149–151 Bright Rose (wheel slot 44) 152–155 Pale Gold (wheel slot 45) 156–158 Pale Rose (wheel slot 46) 159–162 Pink (wheel slot 47) 163–165 Deep Orange (wheel slot 48) 166–169 Bastard Amber (wheel slot 49) 170–172 Flame Red (wheel slot 50) 173–175 Daylight Blue (wheel slot 51) 176–179 Lilac Tint (wheel slot 52) 180–182 Deep Lavender (wheel slot 53) 183–186 Lagoon Blue (wheel slot 54) 187–189 Chrome Orange (wheel slot 55) 190–193 Dark Lavender (wheel slot 56) 194–196 Congo Blue (wheel slot 57) 197–200 Alice Blue (wheel slot 58) 201–203 Full CTB (wheel slot 59) 204–207 1/2 CTB (wheel slot 60) 208–210 1/4 CTB (wheel slot 61) 211–213 Full CT Orange (wheel slot 62) 214–217 1/2 CTO (wheel slot 63) 218–220 1/4 CTO (wheel slot 64)

Vector Mode (36 ch) (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	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 Shutter1StrobeRandom 6 · min Rndm 0.1–9.74 Hz 251–251 Shutter1StrobeRandom 6 · max Rndm 10 Hz 252–255 Open (3)
8	Dimmer	0	0–63 Closed 64–127 25% 128–195 50% 196–254 75% 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Iris	128	0–127 Closed Iris 128–131 Open Iris 132–170 min Strobe 171–171 max Strobe 172–210 min Strobe Pulse Close 211–211 max Strobe Pulse Close 212–250 min Strobe Pulse Open 251–251 max Strobe Pulse Open 252–255 Open Iris (2)
11	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–71 Gobo 8 (wheel slot 9) 72–72 max CCW 73–113 CCW 114–117 Stop 118–158 CW 159–159 max CW 160–171 Gobo 1 Shake (wheel slot 2) 172–183 Gobo 2 Shake (wheel slot 3) 184–195 Gobo 3 Shake (wheel slot 4) 196–207 Gobo 4 Shake (wheel slot 5) 208–219 Gobo 5 Shake (wheel slot 6) 220–231 Gobo 6 Shake (wheel slot 7) 232–243 Gobo 7 Shake (wheel slot 8) 244–255 Gobo 8 Shake (wheel slot 9)

Vector Mode (36 ch) (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–16 Open (wheel slot 1) 17–32 Gobo 1 (wheel slot 2) 33–48 Gobo 2 (wheel slot 3) 49–64 Gobo 3 (wheel slot 4) 65–81 Gobo 4 (wheel slot 5) 82–97 Gobo 5 (wheel slot 6) 98–113 Gobo 6 (wheel slot 7) 114–129 Gobo 7 (wheel slot 8) 130–147 Gobo 1 Shake (wheel slot 2) 148–165 Gobo 2 Shake (wheel slot 3) 166–183 Gobo 3 Shake (wheel slot 4) 184–201 Gobo 4 Shake (wheel slot 5) 202–219 Gobo 5 Shake (wheel slot 6) 220–237 Gobo 6 Shake (wheel slot 7) 238–255 Gobo 7 Shake (wheel slot 8)
13	Gobo Rotation 2	0	0–20 0 deg 21–41 90 deg 42–62 180 deg 63–83 270 deg 84–104 360 deg 105–126 450 deg 127–127 540 deg 128–128 max CW 129–190 CW 191–192 Stop 193–254 CCW 255–255 max CCW
14	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
15	Prism	0	0–127 Open 128–255 3 facet prism
16	Prism Rotation	0	0–20 0 deg 21–41 90 deg 42–62 180 deg 63–83 270 deg 84–104 360 deg 105–126 450 deg 127–127 540 deg 128–128 max CCW 129–190 CCW 191–192 Stop 193–254 CW 255–255 max CW
17	Frost1	0	0–254 min Frost 255–255 max Frost
18	Animation Wheel1	0	0–254 Open 255–255 Animation
19	Animation Wheel1Pos Rotate	0	0–1 max CCW 2–124 CCW 125–125 Stop 126–254 CW 255–255 max CW
20	Focus	0	0–254 Distant 255–255 Near
21	Focus Fine	0	Fine byte of Focus
22	Zoom	128	0–254 Wide 255–255 Narrow
23	Focus1Distance	0	0–6 AutoFocus Off 7–254 Near 255–255 Far

Vector Mode (36 ch) (continued)

Ch	Function	Default	DMX values
24	Focus1Adjust	128	
25	Effect	0	0–7 Macro off 8–11 Stand by 12–15 Stand by black 16–27 Macro 1 28–39 Macro 2 40–51 Macro 3 52–63 Macro 4 64–75 Macro 5 76–87 Macro 6 88–99 Macro 7 100–111 Macro 8 112–135 Stand by black (2) 136–159 Random Macro 1 160–171 Random Macro 3 172–183 Random Macro 4 184–195 Random Macro 5 196–207 Random Macro 6 208–219 Random Macro 7 220–231 Random Macro 8 232–255 Stand by black (3)
26	Pan	128	
27	Pan Fine	0	Fine byte of Pan
28	Tilt	128	
29	Tilt Fine	0	Fine byte of Tilt
30	Dimmer Curve	0	0–11 Unused Range 12–24 Pan Tilt Fast 25–37 Pan Tilt Normal 38–50 Dimmer Curve Conventional 51–62 Dimmer Curve Linear 63–255 Unused Range (2)
31	Fixture Global Reset	0	0–25 Unused Range 26–76 Effects Reset 77–127 Pan/Tilt Reset 128–255 Complete Reset
32	Lamp Control	0	0–25 Unused Range 26–100 Lamp Off 101–179 Unused Range (2) 180–255 Lamp On
33	Position MSpeed	0	
34	Color Mix MSpeed	0	
35	Global MSpeed	0	
36	Gobo Wheel1MSpeed	0	