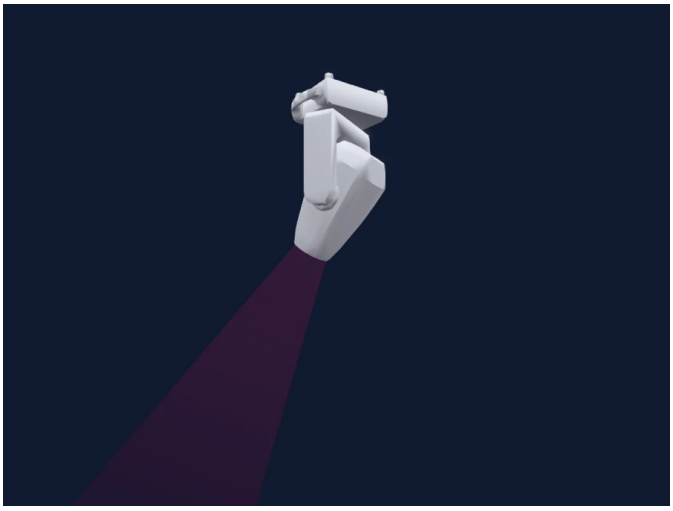
Infinity

Furion P402 Profile



Manufacturer	**Infinity**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**34, 52 channels**
Beam angle	**5.2-49.2°**
Pan range	**540°**
Tilt range	**260°**
Size (W × H × D)	**280 × 448 × 244 mm**
GDTF fixture type	**A0B91673-8241-11EF-AF1A-52…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

Basic	34 ch
Advanced	52 ch

Basic

34 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	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	6	0–3 Closed - Shutter Closed 4–6 Open - Shutter Open 7–66 Sync Strobe S > F - Strobe 67–127 Pulse Strobe S > F - Strobe Pulse Random 128–188 Ramp-Down S > F - Strobe Pulse Closed 189–249 Strobe Random S > F - Strobe Random 250–255 Open - Shutter Open
7	Color Wheel	0	0–6 White - Color (wheel slot 1) 7–12 Red - Color (wheel slot 2) 13–18 Light Pink - Color (wheel slot 3) 19–24 Orange - Color (wheel slot 4) 25–30 Dark Lavender - Color (wheel slot 5) 31–36 Primary Green - Color (wheel slot 6) 37–42 Aquamarine - Color (wheel slot 7) 43–48 CTO - Color (wheel slot 8) 49–54 Congo Blue - Color (wheel slot 9) 55–69 White + Color 1 - Color (wheel slot 10) 70–84 Color 1 + Color 2 - Color (wheel slot 11) 85–99 Color 2 + Color 3 - Color (wheel slot 12) 100–114 Color 3 + Color 4 - Color (wheel slot 13) 115–129 Color 4 + Color 5 - Color (wheel slot 14) 130–144 Color 5 + Color 6 - Color (wheel slot 15) 145–159 Color 6 + Color 7 - Color (wheel slot 16) 160–174 Color 7 + Color 8 - Color (wheel slot 17) 175–189 Color 8 + White - Color (wheel slot 18) 190–221 F > S - Rotate CW 222–223 Stop - Stop Loop 224–255 S > F - Rotate CCW
8	Cyan	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Magenta	0	0–0 Min 1–254 Min > Max 255–255 Max
10	Yellow	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Color Macro1	0	0–9 No Function - Custom 10–127 CMY Preset - Macro 128–255 F > S - Speed

Basic (continued)

Ch	Function	Default	DMX values
12	Gobo	0	0–4 Open - Gobo Open (wheel slot 1) 5–6 Gobo 1 - Gobo (wheel slot 2) 7–8 Gobo 2 - Gobo (wheel slot 3) 9–10 Gobo 3 - Gobo (wheel slot 4) 11–12 Gobo 4 - Gobo (wheel slot 5) 13–14 Gobo 5 - Gobo (wheel slot 6) 15–16 Gobo 6 - Gobo (wheel slot 7) 17–18 Gobo 7 - Gobo (wheel slot 8) 19–24 Open - Gobo Open (wheel slot 1) 25–26 Gobo 1 Rotate - Gobo Rotate (wheel slot 2) 27–28 Gobo 2 Rotate - Gobo Rotate (wheel slot 3) 29–30 Gobo 3 Rotate - Gobo Rotate (wheel slot 4) 31–32 Gobo 4 Rotate - Gobo Rotate (wheel slot 5) 33–34 Gobo 5 Rotate - Gobo Rotate (wheel slot 6) 35–36 Gobo 6 Rotate - Gobo Rotate (wheel slot 7) 37–38 Gobo 7 Rotate - Gobo Rotate (wheel slot 8) 39–44 Open - Gobo Open (wheel slot 1) 45–52 Gobo 1 Shake Idx - Gobo Shake (wheel slot 2) 53–60 Gobo 2 Shake Idx - Gobo Shake (wheel slot 3) 61–68 Gobo 3 Shake Idx - Gobo Shake (wheel slot 4) 69–76 Gobo 4 Shake Idx - Gobo Shake (wheel slot 5) 77–84 Gobo 5 Shake Idx - Gobo Shake (wheel slot 6) 85–92 Gobo 6 Shake Idx - Gobo Shake (wheel slot 7) 93–100 Gobo 7 Shake Idx - Gobo Shake (wheel slot 8) 101–124 Open - Gobo Open (wheel slot 1) 125–132 Gobo 1 Shake Rot - Gobo Shake (wheel slot 2) 133–140 Gobo 2 Shake Rot - Gobo Shake (wheel slot 3) 141–148 Gobo 3 Shake Rot - Gobo Shake (wheel slot 4) 149–156 Gobo 4 Shake Rot - Gobo Shake (wheel slot 5) 157–164 Gobo 5 Shake Rot - Gobo Shake (wheel slot 6) 165–172 Gobo 6 Shake Rot - Gobo Shake (wheel slot 7) 173–180 Gobo 7 Shake Rot - Gobo Shake (wheel slot 8) 181–195 Open - Gobo Open (wheel slot 1) 196–225 F > S - Rotate CW 226–255 S > F - Rotate CCW
13	Gobo Rotation	128	0–0 No Function - Custom 1–14 Indexing - Indexing 15–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–241 S > F - Rotate CCW 242–255 Gobo Swiveling F > S - Rotate Random
14	Prism	0	0–4 No Function - Custom 5–127 Prism (Index) - Prism (wheel slot 1) 128–255 Prism (Rot) - Prism (wheel slot 1)
15	Prism Rotation	128	0–0 No Function - Custom 1–14 Indexing - Indexing 15–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–241 S > F - Rotate CCW 242–255 Prism Swiveling F > S - Rotate Random
16	Zoom	128	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
17	Iris	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Iris Mode	0	0–63 No Function - Custom 64–127 Auto Change F > S - Macro 128–191 Slow Open Fast Close S > F - Macro 192–255 Slow Close Fast Open S > F - Macro

Basic (continued)

Ch	Function	Default	DMX values
19	Focus	128	0–0 Min 1–254 Min > Max 255–255 Max
20	Focus1Distance	0	0–0 No Function - Custom 1–11 0-5m Auto Focus - Gobo 1 - Focus 12–22 6m Auto Focus - Gobo 1 - Focus 23–33 7m Auto Focus - Gobo 1 - Focus 34–44 8m Auto Focus - Gobo 1 - Focus 45–55 9m Auto Focus - Gobo 1 - Focus 56–66 10m Auto Focus - Gobo 1 - Focus 67–77 12 5m Auto Focus - Gobo 1 - Focus 78–88 15m Auto Focus - Gobo 1 - Focus 89–99 17 5m Auto Focus - Gobo 1 - Focus 100–110 20-60m Auto Focus - Gobo 1 - Focus 111–127 Auto Detect Distance - Gobo 1 - Focus 128–138 0-5m Auto Focus - Gobo 2 - Focus 139–149 6m Auto Focus - Gobo 2 - Focus 150–160 7m Auto Focus - Gobo 2 - Focus 161–171 8m Auto Focus - Gobo 2 - Focus 172–182 9m Auto Focus - Gobo 2 - Focus 183–193 10m Auto Focus - Gobo 2 - Focus 194–204 12 5m Auto Focus - Gobo 2 - Focus 205–215 15m Auto Focus - Gobo 2 - Focus 216–226 17 5m Auto Focus - Gobo 2 - Focus 227–237 20-60m Auto Focus - Gobo 2 - Focus 238–255 Auto Detect Distance Gobo 2 - Focus
21	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
22	Animation Wheel1	0	0–1 No Function - Custom 2–126 Rotate CW - Rotate CW 127–130 Stop - Stop Loop 131–255 S > F - Rotate CCW
23	Effect	0	0–1 No Function - Custom 2–126 Shaking Effect F > S - Effect 127–130 Stop - Stop Loop 131–255 Fade Effect S > F - Effect
24	Blade1A	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Blade1Rot	128	0–0 Min 1–254 Min > Max 255–255 Max
26	Blade2A	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Blade2Rot	128	0–0 Min 1–254 Min > Max 255–255 Max
28	Blade3A	0	0–0 Min 1–254 Min > Max 255–255 Max
29	Blade3Rot	128	0–0 Min 1–254 Min > Max 255–255 Max
30	Blade4A	0	0–0 Min 1–254 Min > Max 255–255 Max

Basic (continued)

Ch	Function	Default	DMX values
31	Blade4Rot	128	0–0 Min 1–254 Min > Max 255–255 Max
32	Shaper Rot	128	0–127 -60Deg To 0Deg - Rotate CW 128–128 Stop - Stop Loop 129–255 0Deg To 60Deg - Rotate CCW
33	Shaper Macros	0	0–3 No Function - Custom 4–31 Square Large To Small - Macro 32–59 Horizontal Rectangle Large To Small - Macro 60–87 Vertical Rectangle Large To Small - Macro 88–115 Rhomboid Large To Small - Macro 116–171 Triangle Large To Small - Macro 172–199 Semilune Large To Small - Macro 200–227 Trapezoid Large To Small - Macro 228–255 Semi-Trapezoid Large To Small - Macro
34	Control1	0	0–4 No Function - Custom 5–9 Pan Reverse - Custom 10–14 Pan Normal - Custom 15–19 Tilt Reverse - Custom 20–24 Tilt Normal - Custom 25–29 Auto Pan Invert Off - Custom 30–34 Auto Pan Invert On - Custom 35–39 BO P/T Off - Blackout 40–44 BO P/T On - Blackout 45–49 BO Color Off - Blackout 50–54 BO Color On - Blackout 55–59 BO Gobo Off - Blackout 60–64 BO Gobo On - Blackout 65–84 Reserved - Custom 85–89 Fans Auto - Custom 90–94 Fans Full - Custom 95–99 Fans Silent - Custom 100–104 Fans Studio - Custom 105–109 DMX Fail: Hold - Custom 110–114 DMX Fail: Off - Custom 115–119 Dimmer Mode Fast - Custom 120–124 Dimmer Mode Smooth - Custom 125–129 Reserved - Custom 130–134 Dimmer Linear - Custom 135–139 Dimmer Square - Custom 140–144 Dimmer Inv Square - Custom 145–149 Dimmer S-Curve - Custom 150–154 PWM 600Hz - Custom 155–159 PWM 1200Hz - Custom 160–164 PWM 2000Hz - Custom 165–169 PWM 4000Hz - Custom 170–174 PWM 6000Hz - Custom 175–179 PWM 15000Hz - Custom 180–199 Reserved - Custom 200–204 Reset P/T - Reset 205–209 Reset Iris/Prism - Reset 210–214 Reset Color/CMY - Reset 215–219 Reset Gobo - Reset 220–224 Reset Zoom - Reset 225–234 Reset Framing - Reset 235–239 Reset All - Reset 240–249 Reserved - Custom 250–255 No Function - Custom

Advanced

52 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	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	6	0–3 Closed - Shutter Closed 4–6 Open - Shutter Open 7–66 Sync Strobe S > F - Strobe 67–127 Pulse Strobe S > F - Strobe Pulse Random 128–188 Ramp-Down S > F - Strobe Pulse Closed 189–249 Strobe Random S > F - Strobe Random 250–255 Open - Shutter Open
9	Color Wheel	0	0–6 White - Color (wheel slot 1) 7–12 Red - Color (wheel slot 2) 13–18 Light Pink - Color (wheel slot 3) 19–24 Orange - Color (wheel slot 4) 25–30 Dark Lavender - Color (wheel slot 5) 31–36 Primary Green - Color (wheel slot 6) 37–42 Aquamarine - Color (wheel slot 7) 43–48 CTO - Color (wheel slot 8) 49–54 Congo Blue - Color (wheel slot 9) 55–69 White + Color 1 - Color (wheel slot 10) 70–84 Color 1 + Color 2 - Color (wheel slot 11) 85–99 Color 2 + Color 3 - Color (wheel slot 12) 100–114 Color 3 + Color 4 - Color (wheel slot 13) 115–129 Color 4 + Color 5 - Color (wheel slot 14) 130–144 Color 5 + Color 6 - Color (wheel slot 15) 145–159 Color 6 + Color 7 - Color (wheel slot 16) 160–174 Color 7 + Color 8 - Color (wheel slot 17) 175–189 Color 8 + White - Color (wheel slot 18) 190–221 F > S - Rotate CW 222–223 Stop - Stop Loop 224–255 S > F - Rotate CCW
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
16	Color Macro1	0	0–9 No Function - Custom 10–127 CMY Preset - Macro 128–255 F > S - Speed

Advanced (continued)

Ch	Function	Default	DMX values
17	Gobo	0	0–4 Open - Gobo Open (wheel slot 1) 5–6 Gobo 1 - Gobo (wheel slot 2) 7–8 Gobo 2 - Gobo (wheel slot 3) 9–10 Gobo 3 - Gobo (wheel slot 4) 11–12 Gobo 4 - Gobo (wheel slot 5) 13–14 Gobo 5 - Gobo (wheel slot 6) 15–16 Gobo 6 - Gobo (wheel slot 7) 17–18 Gobo 7 - Gobo (wheel slot 8) 19–24 Open - Gobo Open (wheel slot 1) 25–26 Gobo 1 Rotate - Gobo Rotate (wheel slot 2) 27–28 Gobo 2 Rotate - Gobo Rotate (wheel slot 3) 29–30 Gobo 3 Rotate - Gobo Rotate (wheel slot 4) 31–32 Gobo 4 Rotate - Gobo Rotate (wheel slot 5) 33–34 Gobo 5 Rotate - Gobo Rotate (wheel slot 6) 35–36 Gobo 6 Rotate - Gobo Rotate (wheel slot 7) 37–38 Gobo 7 Rotate - Gobo Rotate (wheel slot 8) 39–44 Open - Gobo Open (wheel slot 1) 45–52 Gobo 1 Shake Idx - Gobo Shake (wheel slot 2) 53–60 Gobo 2 Shake Idx - Gobo Shake (wheel slot 3) 61–68 Gobo 3 Shake Idx - Gobo Shake (wheel slot 4) 69–76 Gobo 4 Shake Idx - Gobo Shake (wheel slot 5) 77–84 Gobo 5 Shake Idx - Gobo Shake (wheel slot 6) 85–92 Gobo 6 Shake Idx - Gobo Shake (wheel slot 7) 93–100 Gobo 7 Shake Idx - Gobo Shake (wheel slot 8) 101–124 Open - Gobo Open (wheel slot 1) 125–132 Gobo 1 Shake Rot - Gobo Shake (wheel slot 2) 133–140 Gobo 2 Shake Rot - Gobo Shake (wheel slot 3) 141–148 Gobo 3 Shake Rot - Gobo Shake (wheel slot 4) 149–156 Gobo 4 Shake Rot - Gobo Shake (wheel slot 5) 157–164 Gobo 5 Shake Rot - Gobo Shake (wheel slot 6) 165–172 Gobo 6 Shake Rot - Gobo Shake (wheel slot 7) 173–180 Gobo 7 Shake Rot - Gobo Shake (wheel slot 8) 181–195 Open - Gobo Open (wheel slot 1) 196–225 F > S - Rotate CW 226–255 S > F - Rotate CCW
18	Gobo Rotation	128	0–13 No Function - Custom 14–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–241 S > F - Rotate CCW 242–255 Gobo Swiveling F > S - Rotate Random
19	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
20	Prism	0	0–4 No Function - Custom 5–127 Prism (Index) - Prism (wheel slot 1) 128–255 Prism (Rot) - Prism (wheel slot 1)
21	Prism Rotation	128	0–13 No Function - Custom 14–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–241 S > F - Rotate CCW 242–255 Prism Swiveling F > S - Rotate Random
22	Prism Rotation Fine	0	Fine byte of Prism Rotation
23	Zoom	128	0–254 Wide 255–255 Narrow
24	Zoom Fine	0	Fine byte of Zoom
25	Iris	0	
26	Iris Fine	0	Fine byte of Iris
27	Iris Mode	0	0–63 No Function - Custom 64–127 Auto Change F > S - Macro 128–191 Slow Open Fast Close S > F - Macro 192–255 Slow Close Fast Open S > F - Macro

Advanced (continued)

Ch	Function	Default	DMX values
28	Focus	128	
29	Focus Fine	0	Fine byte of Focus
30	Focus1Distance	0	0–0 No Function - Custom 1–11 0-5m Auto Focus - Gobo 1 - Focus 12–22 6m Auto Focus - Gobo 1 - Focus 23–33 7m Auto Focus - Gobo 1 - Focus 34–44 8m Auto Focus - Gobo 1 - Focus 45–55 9m Auto Focus - Gobo 1 - Focus 56–66 10m Auto Focus - Gobo 1 - Focus 67–77 12 5m Auto Focus - Gobo 1 - Focus 78–88 15m Auto Focus - Gobo 1 - Focus 89–99 17 5m Auto Focus - Gobo 1 - Focus 100–110 20-60m Auto Focus - Gobo 1 - Focus 111–127 Auto Detect Distance - Gobo 1 - Focus 128–138 0-5m Auto Focus - Gobo 2 - Focus 139–149 6m Auto Focus - Gobo 2 - Focus 150–160 7m Auto Focus - Gobo 2 - Focus 161–171 8m Auto Focus - Gobo 2 - Focus 172–182 9m Auto Focus - Gobo 2 - Focus 183–193 10m Auto Focus - Gobo 2 - Focus 194–204 12 5m Auto Focus - Gobo 2 - Focus 205–215 15m Auto Focus - Gobo 2 - Focus 216–226 17 5m Auto Focus - Gobo 2 - Focus 227–237 20-60m Auto Focus - Gobo 2 - Focus 238–255 Auto Detect Distance Gobo 2 - Focus
31	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
32	Animation Wheel1	0	0–1 No Function - Custom 2–126 Rotate CW - Rotate CW 127–130 Stop - Stop Loop 131–255 S > F - Rotate CCW
33	Effect	0	0–1 No Function - Custom 2–126 Shaking Effect F > S - Effect 127–130 Stop - Stop Loop 131–255 Fade Effect S > F - Effect
34	Blade1A	0	
35	Blade1A Fine	0	Fine byte of Blade1A
36	Blade1Rot	128	
37	Blade1Rot Fine	0	Fine byte of Blade1Rot
38	Blade2A	0	
39	Blade2A Fine	0	Fine byte of Blade2A
40	Blade2Rot	128	
41	Blade2Rot Fine	0	Fine byte of Blade2Rot
42	Blade3A	0	
43	Blade3A Fine	0	Fine byte of Blade3A
44	Blade3Rot	128	
45	Blade3Rot Fine	0	Fine byte of Blade3Rot
46	Blade4A	0	
47	Blade4A Fine	0	Fine byte of Blade4A
48	Blade4Rot	128	
49	Blade4Rot Fine	0	Fine byte of Blade4Rot

Advanced (continued)

Ch	Function	Default	DMX values
50	Shaper Rot	128	0–127 -60Deg To 0Deg - Rotate CW 128–128 Stop - Stop Loop 129–255 0Deg To 60Deg - Rotate CCW
51	Shaper Macros	0	0–3 No Function - Custom 4–31 Square Large To Small - Macro 32–59 Horizontal Rectangle Large To Small - Macro 60–87 Vertical Rectangle Large To Small - Macro 88–115 Rhomboid Large To Small - Macro 116–171 Triangle Large To Small - Macro 172–199 Semilune Large To Small - Macro 200–227 Trapezoid Large To Small - Macro 228–255 Semi-Trapezoid Large To Small - Macro
52	Control1	0	0–4 No Function - Custom 5–9 Pan Reverse - Custom 10–14 Pan Normal - Custom 15–19 Tilt Reverse - Custom 20–24 Tilt Normal - Custom 25–29 Auto Pan Invert Off - Custom 30–34 Auto Pan Invert On - Custom 35–39 BO P/T Off - Blackout 40–44 BO P/T On - Blackout 45–49 BO Color Off - Blackout 50–54 BO Color On - Blackout 55–59 BO Gobo Off - Blackout 60–64 BO Gobo On - Blackout 65–84 Reserved - Custom 85–89 Fans Auto - Custom 90–94 Fans Full - Custom 95–99 Fans Silent - Custom 100–104 Fans Studio - Custom 105–109 DMX Fail: Hold - Custom 110–114 DMX Fail: Off - Custom 115–119 Dimmer Mode Fast - Custom 120–124 Dimmer Mode Smooth - Custom 125–129 Reserved - Custom 130–134 Dimmer Linear - Custom 135–139 Dimmer Square - Custom 140–144 Dimmer Inv Square - Custom 145–149 Dimmer S-Curve - Custom 150–154 PWM 600Hz - Custom 155–159 PWM 1200Hz - Custom 160–164 PWM 2000Hz - Custom 165–169 PWM 4000Hz - Custom 170–174 PWM 6000Hz - Custom 175–179 PWM 15000Hz - Custom 180–199 Reserved - Custom 200–204 Reset P/T - Reset 205–209 Reset Iris/Prism - Reset 210–214 Reset Color/CMY - Reset 215–219 Reset Gobo - Reset 220–224 Reset Zoom - Reset 225–234 Reset Framing - Reset 235–239 Reset All - Reset 240–249 Reserved - Custom 250–255 No Function - Custom