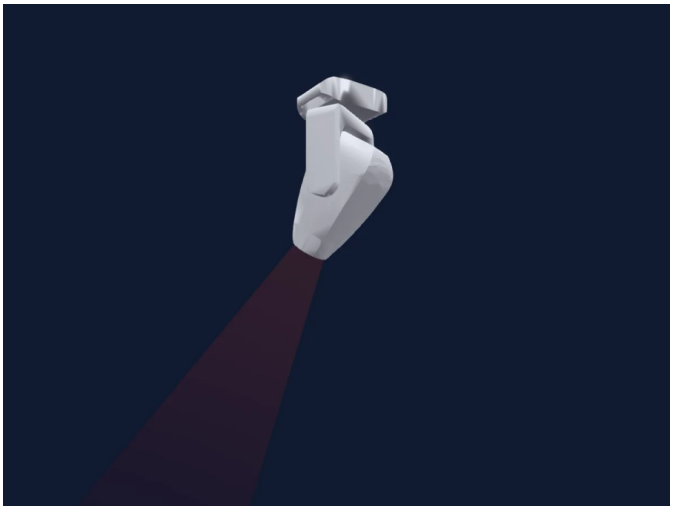
Infinity

Furion S601 Profile



Manufacturer	**Infinity**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**37, 57 channels**
Beam angle	**6.5-45°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**325 × 528 × 283 mm**
GDTF fixture type	**6F872787-3410-11E9-9CEE-525…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

Basic	37 ch
Advanced	57 ch

Basic

37 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	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	6	0–3 Closed - Shutter Closed 4–7 Open - Shutter Open 8–76 Strobe S > F - Strobe 77–145 Pulse Strobe S > F - Strobe Pulse Random 146–215 Strobe Random S > F - Strobe Random 216–255 Open - Shutter Open
7	Color Wheel	0	0–6 White - Color (wheel slot 1) 7–13 Red - Color (wheel slot 2) 14–20 Light Pink - Color (wheel slot 3) 21–27 Amber - Color (wheel slot 4) 28–34 Dark Lavender - Color (wheel slot 5) 35–41 Primary Green - Color (wheel slot 6) 42–59 Congo Blue - Color (wheel slot 7) 60–187 Gradual Color Adjustment - Rotate Random 188–219 F > S - Rotate CCW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CW
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	C TO	0	0–0 Min 1–254 Min > Max 255–255 Max
12	Color Macro1	0	0–9 No Func - Custom 10–127 CMY Colors - Macro 128–255 CMY Macro F > S - Macro
13	Gobo	0	0–8 Open - Gobo Open (wheel slot 1) 9–17 Gobo 1 - Gobo (wheel slot 2) 18–26 Gobo 2 - Gobo (wheel slot 3) 27–35 Gobo 3 - Gobo (wheel slot 4) 36–44 Gobo 4 - Gobo (wheel slot 5) 45–53 Gobo 5 - Gobo (wheel slot 6) 54–63 Gobo 6 - Gobo (wheel slot 7) 64–73 Gobo 6 Shake - Gobo Shake (wheel slot 7) 74–82 Gobo 5 Shake - Gobo Shake (wheel slot 6) 83–91 Gobo 4 Shake - Gobo Shake (wheel slot 5) 92–100 Gobo 3 Shake - Gobo Shake (wheel slot 4) 101–109 Gobo 2 Shake - Gobo Shake (wheel slot 3) 110–118 Gobo 1 Shake - Gobo Shake (wheel slot 2) 119–127 Open - Gobo Open (wheel slot 1) 128–190 F > S - Rotate CW 191–192 Stop - Stop Loop 193–255 S > F - Rotate CCW

Basic (continued)

Ch	Function	Default	DMX values
14	Gobo Rotation	128	0–45 Indexing - Indexing 46–126 F > S - Rotate CW 127–130 Stop - Stop Loop 131–211 S > F - Rotate CCW 212–255 Gobo Bounce - Gobo Shake
15	Gobo 2	0	0–8 Open - Gobo Open (wheel slot 1) 9–17 Gobo 1 - Gobo (wheel slot 2) 18–26 Gobo 2 - Gobo (wheel slot 3) 27–35 Gobo 3 - Gobo (wheel slot 4) 36–44 Gobo 4 - Gobo (wheel slot 5) 45–53 Gobo 5 - Gobo (wheel slot 6) 54–73 Gobo 6 - Gobo (wheel slot 7) 74–82 Gobo 5 Shake - Gobo Shake (wheel slot 6) 83–91 Gobo 4 Shake - Gobo Shake (wheel slot 5) 92–100 Gobo 3 Shake - Gobo Shake (wheel slot 4) 101–109 Gobo 2 Shake - Gobo Shake (wheel slot 3) 110–118 Gobo 1 Shake - Gobo Shake (wheel slot 2) 119–127 Open - Gobo Open (wheel slot 1) 128–190 F > S - Rotate CW 191–192 Stop - Stop Loop 193–255 S > F - Rotate CCW
16	Gobo Rotation	128	0–45 Indexing - Indexing 46–126 F > S - Rotate CW 127–130 Stop - Stop Loop 131–211 S > F - Rotate CCW 212–255 Gobo Bounce - Gobo Shake
17	Prism	0	0–4 No Func - Custom 5–127 Prism 1 - Prism (wheel slot 1) 128–255 Prism 2 - Prism (wheel slot 2)
18	Prism Rotation	128	0–45 Indexing - Indexing 46–126 F > S - Rotate CW 127–130 Stop - Stop Loop 131–211 S > F - Rotate CCW 212–255 Prism Bounce - Gobo Shake
19	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
20	Iris	127	0–0 Min 1–254 Min > Max 255–255 Max
21	Effect	0	0–63 No Func - Custom 64–127 Macro Switch S > F - Macro 128–191 Slow Zoom Out/Fast Zoom In S > F - Macro 192–255 Slow Zoom In/Fast Zoom Out S > F - Macro
22	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max

Basic (continued)

Ch	Function	Default	DMX values
23	Focus1Distance	0	0–0 No Func - Custom 1–11 0-5 Mtrs Auto Focus Gobo 1 - Focus 12–22 6 Mtrs Auto Focus Gobo 1 - Focus 23–33 7 Mtrs Auto Focus Gobo 1 - Focus 34–44 8 Mtrs Auto Focus Gobo 1 - Focus 45–55 9 Mtrs Auto Focus Gobo 1 - Focus 56–66 10 Mtrs Auto Focus Gobo 1 - Focus 67–77 12 5 Mtrs Auto Focus Gobo 1 - Focus 78–88 15 Mtrs Auto Focus Gobo 1 - Focus 89–99 17 5 Mtrs Auto Focus Gobo 1 - Focus 100–110 20-60 Mtrs Auto Focus Gobo 1 - Focus 111–127 Auto Detect Distance Gobo 1 - Focus 128–138 0-5 Mtrs Auto Focus Gobo 2 - Focus 139–149 6 Mtrs Auto Focus Gobo 2 - Focus 150–160 7 Mtrs Auto Focus Gobo 2 - Focus 161–171 8 Mtrs Auto Focus Gobo 2 - Focus 172–182 9 Mtrs Auto Focus Gobo 2 - Focus 183–193 10 Mtrs Auto Focus Gobo 2 - Focus 194–204 12 5 Mtrs Auto Focus Gobo 2 - Focus 205–215 15 Mtrs Auto Focus Gobo 2 - Focus 216–226 17 5 Mtrs Auto Focus Gobo 2 - Focus 227–237 20-60 Mtrs Auto Focus Gobo 2 - Focus 238–255 Auto Detect Distance Gobo 2 - Focus
24	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Animation Wheel1	0	0–1 No Func - Custom 2–126 F > S - Rotate CW 127–254 Stop - Stop Loop 255–255 S > F - Rotate CCW
26	Animation Wheel1Mode	0	0–1 No Func - Custom 2–128 Step Mode S > F - Custom 129–255 Fade Mode S > F - Custom
27	Blade1A	0	0–0 Min 1–254 Min > Max 255–255 Max
28	Blade1Rot	128	0–0 Min 1–254 Min > Max 255–255 Max
29	Blade2A	0	0–0 Min 1–254 Min > Max 255–255 Max
30	Blade2Rot	128	0–0 Min 1–254 Min > Max 255–255 Max
31	Blade3A	0	0–0 Min 1–254 Min > Max 255–255 Max
32	Blade3Rot	128	0–0 Min 1–254 Min > Max 255–255 Max
33	Blade4A	0	0–0 Min 1–254 Min > Max 255–255 Max
34	Blade4Rot	128	0–0 Min 1–254 Min > Max 255–255 Max

Basic (continued)

Ch	Function	Default	DMX values
35	Shaper Rot	0	0–0 Min 1–254 Min > Max 255–255 Max
36	Beam Shaper Macro	0	0–3 No Func - Custom 4–255 Framing Patterns - Macro
37	Function	0	0–5 No Func - Custom 6–11 Pan Reverse - Pan 12–17 Pan Normal - Pan 18–23 Tilt Reverse - Tilt 24–29 Tilt Normal - Tilt 30–35 P/T Swap - Movement 36–41 P/T Normal - Movement 42–47 P/T BO On - Blackout 48–53 P/T BO Off - Blackout 54–59 Color Wheel BO On - Blackout 60–65 Color Wheel BO Off - Blackout 66–71 Gobo Wheel BO On - Blackout 72–77 Gobo Wheel BO Off - Blackout 78–83 Fans: Auto - Custom 84–89 Fans: Full - Custom 90–95 Fans: Silent - Custom 96–101 DMX Fail: Hold - Custom 102–107 DMX Fail: Off - Custom 108–113 Linear Dimmer Curve - Custom 114–119 Square Dimmer Curve - Custom 120–125 I-Square Dimmer Curve - Custom 126–131 S-Curve Dimmer Curve - Custom 132–137 PWM 600Hz - Custom 138–143 PWM 1200Hz - Custom 144–149 PWM 2000Hz - Custom 150–155 PWM 4000Hz - Custom 156–161 PWM 6000Hz - Custom 162–167 PWM 15000Hz - Custom 168–173 P/T Reset - Reset 174–179 Iris/Prism Reset - Reset 180–185 Color/CMY Reset - Reset 186–191 Gobo Reset - Reset 192–197 No Func - Custom 198–203 Framing Reset - Reset 204–209 Frost/Animation Reset - Reset 210–215 Reset All - Reset 216–255 No Func - Custom

Advanced

57 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	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer

Advanced (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	6	0–3 Closed - Shutter Closed 4–7 Open - Shutter Open 8–76 Strobe S > F - Strobe 77–145 Pulse Strobe S > F - Strobe Pulse Random 146–215 Strobe Random S > F - Strobe Random 216–255 Open - Shutter Open
9	Color Wheel	0	0–6 White - Color (wheel slot 1) 7–13 Red - Color (wheel slot 2) 14–20 Light Pink - Color (wheel slot 3) 21–27 Amber - Color (wheel slot 4) 28–34 Dark Lavender - Color (wheel slot 5) 35–41 Primary Green - Color (wheel slot 6) 42–59 Congo Blue - Color (wheel slot 7) 60–187 Gradual Color Adjustment - Rotate Random 188–219 F > S - Rotate CCW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CW
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	C TO	0	
17	C TO Fine	0	Fine byte of C TO
18	Color Macro1	0	0–9 No Func - Custom 10–127 CMY Colors - Macro 128–255 CMY Macro F > S - Macro
19	Gobo	0	0–8 Open - Gobo Open (wheel slot 1) 9–17 Gobo 1 - Gobo (wheel slot 2) 18–26 Gobo 2 - Gobo (wheel slot 3) 27–35 Gobo 3 - Gobo (wheel slot 4) 36–44 Gobo 4 - Gobo (wheel slot 5) 45–53 Gobo 5 - Gobo (wheel slot 6) 54–63 Gobo 6 - Gobo (wheel slot 7) 64–73 Gobo 6 Shake - Gobo Shake (wheel slot 7) 74–82 Gobo 5 Shake - Gobo Shake (wheel slot 6) 83–91 Gobo 4 Shake - Gobo Shake (wheel slot 5) 92–100 Gobo 3 Shake - Gobo Shake (wheel slot 4) 101–109 Gobo 2 Shake - Gobo Shake (wheel slot 3) 110–118 Gobo 1 Shake - Gobo Shake (wheel slot 2) 119–127 Open - Gobo Open (wheel slot 1) 128–190 F > S - Rotate CW 191–192 Stop - Stop Loop 193–255 S > F - Rotate CCW
20	Gobo Rotation	128	0–44 Indexing - Indexing 45–125 F > S - Rotate CW 126–130 Stop - Stop Loop 131–211 S > F - Rotate CCW 212–255 Gobo Bounce - Gobo Shake
21	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Advanced (continued)

Ch	Function	Default	DMX values
22	Gobo 2	0	0–8 Open - Gobo Open (wheel slot 1) 9–17 Gobo 1 - Gobo (wheel slot 2) 18–26 Gobo 2 - Gobo (wheel slot 3) 27–35 Gobo 3 - Gobo (wheel slot 4) 36–44 Gobo 4 - Gobo (wheel slot 5) 45–53 Gobo 5 - Gobo (wheel slot 6) 54–73 Gobo 6 - Gobo (wheel slot 7) 74–82 Gobo 5 Shake - Gobo Shake (wheel slot 6) 83–91 Gobo 4 Shake - Gobo Shake (wheel slot 5) 92–100 Gobo 3 Shake - Gobo Shake (wheel slot 4) 101–109 Gobo 2 Shake - Gobo Shake (wheel slot 3) 110–118 Gobo 1 Shake - Gobo Shake (wheel slot 2) 119–127 Open - Gobo Open (wheel slot 1) 128–190 F > S - Rotate CW 191–192 Stop - Stop Loop 193–255 S > F - Rotate CCW
23	Gobo Rotation	128	0–44 Indexing - Indexing 45–125 F > S - Rotate CW 126–130 Stop - Stop Loop 131–211 S > F - Rotate CCW 212–255 Gobo Bounce - Gobo Shake
24	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
25	Prism	0	0–4 No Func - Custom 5–127 Prism 1 - Prism (wheel slot 1) 128–255 Prism 2 - Prism (wheel slot 2)
26	Prism Rotation	128	0–44 Indexing - Indexing 45–125 F > S - Rotate CW 126–130 Stop - Stop Loop 131–211 S > F - Rotate CCW 212–255 Prism Bounce - Gobo Shake
27	Prism Rotation Fine	0	Fine byte of Prism Rotation
28	Zoom	127	0–254 Wide 255–255 Narrow
29	Zoom Fine	255	Fine byte of Zoom
30	Iris	127	
31	Iris Fine	255	Fine byte of Iris
32	Effect	0	0–63 No Func - Custom 64–127 Macro Switch S > F - Macro 128–191 Slow Zoom Out/Fast Zoom In S > F - Macro 192–255 Slow Zoom In/Fast Zoom Out S > F - Macro
33	Focus	127	
34	Focus Fine	255	Fine byte of Focus

Advanced (continued)

Ch	Function	Default	DMX values
35	Focus1Distance	0	0–0 No Func - Custom 1–11 0-5 Mtrs Auto Focus Gobo 1 - Focus 12–22 6 Mtrs Auto Focus Gobo 1 - Focus 23–33 7 Mtrs Auto Focus Gobo 1 - Focus 34–44 8 Mtrs Auto Focus Gobo 1 - Focus 45–55 9 Mtrs Auto Focus Gobo 1 - Focus 56–66 10 Mtrs Auto Focus Gobo 1 - Focus 67–77 12 5 Mtrs Auto Focus Gobo 1 - Focus 78–88 15 Mtrs Auto Focus Gobo 1 - Focus 89–99 17 5 Mtrs Auto Focus Gobo 1 - Focus 100–110 20-60 Mtrs Auto Focus Gobo 1 - Focus 111–127 Auto Detect Distance Gobo 1 - Focus 128–138 0-5 Mtrs Auto Focus Gobo 2 - Focus 139–149 6 Mtrs Auto Focus Gobo 2 - Focus 150–160 7 Mtrs Auto Focus Gobo 2 - Focus 161–171 8 Mtrs Auto Focus Gobo 2 - Focus 172–182 9 Mtrs Auto Focus Gobo 2 - Focus 183–193 10 Mtrs Auto Focus Gobo 2 - Focus 194–204 12 5 Mtrs Auto Focus Gobo 2 - Focus 205–215 15 Mtrs Auto Focus Gobo 2 - Focus 216–226 17 5 Mtrs Auto Focus Gobo 2 - Focus 227–237 20-60 Mtrs Auto Focus Gobo 2 - Focus 238–255 Auto Detect Distance Gobo 2 - Focus
36	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
37	Animation Wheel1	0	0–1 No Func - Custom 2–126 F > S - Rotate CW 127–254 Stop - Stop Loop 255–255 S > F - Rotate CCW
38	Animation Wheel1Mode	0	0–1 No Func - Custom 2–128 Step Mode S > F - Custom 129–255 Fade Mode S > F - Custom
39	Blade1A	0	
40	Blade1A Fine	0	Fine byte of Blade1A
41	Blade1Rot	128	
42	Blade1Rot Fine	0	Fine byte of Blade1Rot
43	Blade2A	0	
44	Blade2A Fine	0	Fine byte of Blade2A
45	Blade2Rot	128	
46	Blade2Rot Fine	0	Fine byte of Blade2Rot
47	Blade3A	0	
48	Blade3A Fine	0	Fine byte of Blade3A
49	Blade3Rot	128	
50	Blade3Rot Fine	0	Fine byte of Blade3Rot
51	Blade4A	0	
52	Blade4A Fine	0	Fine byte of Blade4A
53	Blade4Rot	128	
54	Blade4Rot Fine	0	Fine byte of Blade4Rot
55	Shaper Rot	128	0–0 Min 1–254 Min > Max 255–255 Max
56	Beam Shaper Macro	0	0–3 No Func - Custom 4–255 Framing Patterns - Macro

Advanced (continued)

Ch	Function	Default	DMX values
57	Function	0	0–5 No Func - Custom 6–11 Pan Reverse - Pan 12–17 Pan Normal - Pan 18–23 Tilt Reverse - Tilt 24–29 Tilt Normal - Tilt 30–35 P/T Swap - Movement 36–41 P/T Normal - Movement 42–47 P/T BO On - Blackout 48–53 P/T BO Off - Blackout 54–59 Color Wheel BO On - Blackout 60–65 Color Wheel BO Off - Blackout 66–71 Gobo Wheel BO On - Blackout 72–77 Gobo Wheel BO Off - Blackout 78–83 Fans: Auto - Custom 84–89 Fans: Full - Custom 90–95 Fans: Silent - Custom 96–101 DMX Fail: Hold - Custom 102–107 DMX Fail: Off - Custom 108–113 Linear Dimmer Curve - Custom 114–119 Square Dimmer Curve - Custom 120–125 I-Square Dimmer Curve - Custom 126–131 S-Curve Dimmer Curve - Custom 132–137 PWM 600Hz - Custom 138–143 PWM 1200Hz - Custom 144–149 PWM 2000Hz - Custom 150–155 PWM 4000Hz - Custom 156–161 PWM 6000Hz - Custom 162–167 PWM 15000Hz - Custom 168–173 P/T Reset - Reset 174–179 Iris/Prism Reset - Reset 180–185 Color/CMY Reset - Reset 186–191 Gobo Reset - Reset 192–197 No Func - Custom 198–203 Framing Reset - Reset 204–209 Frost/Animation Reset - Reset 210–215 Reset All - Reset 216–255 No Func - Custom