Infinity

Furion S401 Spot



Manufacturer	**Infinity**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**26, 37 channels**
Beam angle	**6-30°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**300 × 460 × 251 mm**
GDTF fixture type	**E95B3100-3BCD-11E9-8B23-52…**

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 Mode	26 ch
Extended Mode	37 ch

Basic Mode

26 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) 42–48 Aquamarine - Color (wheel slot 7) 49–59 Congo Blue - Color (wheel slot 8) 60–187 Gradual Color Adj - 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 Macros - 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 Mode (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 Small > Big - Gobo Shake
15	Gobo 2	0	0–6 Open - Gobo Open (wheel slot 1) 7–13 Gobo 1 - Gobo (wheel slot 2) 14–20 Gobo 2 - Gobo (wheel slot 3) 21–27 Gobo 3 - Gobo (wheel slot 4) 28–34 Gobo 4 - Gobo (wheel slot 5) 35–41 Gobo 5 - Gobo (wheel slot 6) 42–48 Gobo 6 - Gobo (wheel slot 7) 49–63 Gobo 7 - Gobo (wheel slot 8) 64–70 Gobo 7 Shake - Gobo Shake (wheel slot 8) 71–77 Gobo 6 Shake - Gobo Shake (wheel slot 7) 78–84 Gobo 5 Shake - Gobo Shake (wheel slot 6) 85–91 Gobo 4 Shake - Gobo Shake (wheel slot 5) 92–98 Gobo 3 Shake - Gobo Shake (wheel slot 4) 99–105 Gobo 2 Shake - Gobo Shake (wheel slot 3) 106–112 Gobo 1 Shake - Gobo Shake (wheel slot 2) 113–127 Open - Gobo Open (wheel slot 1) 128–190 F > S - Rotate CW 191–192 Stop - Stop Loop 193–255 S > F - Rotate CCW
16	Prism	0	0–4 No Func - Custom 5–127 Prism 1 - Prism (wheel slot 1) 128–255 Prism 2 - Prism (wheel slot 2)
17	Prism Rotation	0	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 Small > Big - Gobo Shake
18	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
19	Iris	0	0–0 Min 1–254 Min > Max 255–255 Max
20	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
21	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max

Basic Mode (continued)

Ch	Function	Default	DMX values
22	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
23	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Animation Wheel1	0	0–1 No Func - Custom 2–126 F > S - Rotate CW 127–130 Stop 131–255 S > F - Rotate CCW
25	Animation Wheel1Mode	0	0–1 No Func - Custom 2–128 Step Mode S > F - Custom 129–255 Fade Mode S > F - Custom

Basic Mode (continued)

Ch	Function	Default	DMX values
26	Function	0	0–5 No Func - Custom 6–11 Pan Reverse - Custom 12–17 Pan Normal - Custom 18–23 Tilt Reverse - Custom 24–29 Tilt Normal - Custom 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 Rotating Gobo BO On - Blackout 72–77 Rotating Gobo 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 Mode - Custom 114–119 Square Dimmer Mode - Custom 120–125 I-Square Dimmer Mode - Custom 126–131 S-Curve Dimmer Mode - 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 Wheel/CMY Reset - Reset 186–191 Gobo Reset - Reset 192–203 No Func - Custom 204–209 Frost/Animation Wheel Reset - Reset 210–215 Reset All - Reset 216–255 No Func - Custom

Extended Mode

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	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 4–7 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

Extended Mode (continued)

Ch	Function	Default	DMX values
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) 42–48 Aquamarine - Color (wheel slot 7) 49–59 Congo Blue - Color (wheel slot 8) 60–187 Gradual Color Adj - 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 Macros - 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 Small > Big - Gobo Shake
21	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended Mode (continued)

Ch	Function	Default	DMX values
22	Gobo 2	0	0–6 Open - Gobo Open (wheel slot 1) 7–13 Gobo 1 - Gobo (wheel slot 2) 14–20 Gobo 2 - Gobo (wheel slot 3) 21–27 Gobo 3 - Gobo (wheel slot 4) 28–34 Gobo 4 - Gobo (wheel slot 5) 35–41 Gobo 5 - Gobo (wheel slot 6) 42–48 Gobo 6 - Gobo (wheel slot 7) 49–63 Gobo 7 - Gobo (wheel slot 8) 64–70 Gobo 7 Shake - Gobo Shake (wheel slot 8) 71–77 Gobo 6 Shake - Gobo Shake (wheel slot 7) 78–84 Gobo 5 Shake - Gobo Shake (wheel slot 6) 85–91 Gobo 4 Shake - Gobo Shake (wheel slot 5) 92–98 Gobo 3 Shake - Gobo Shake (wheel slot 4) 99–105 Gobo 2 Shake - Gobo Shake (wheel slot 3) 106–112 Gobo 1 Shake - Gobo Shake (wheel slot 2) 113–127 Open - Gobo Open (wheel slot 1) 128–190 F > S - Rotate CW 191–192 Stop - Stop Loop 193–255 S > F - Rotate CCW
23	Prism	0	0–4 No Func - Custom 5–127 Prism 1 - Prism (wheel slot 1) 128–255 Prism 2 - Prism (wheel slot 2)
24	Prism Rotation	0	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 Small > Big - Gobo Shake
25	Prism Rotation Fine	0	Fine byte of Prism Rotation
26	Zoom	127	0–254 Wide 255–255 Narrow
27	Zoom Fine	255	Fine byte of Zoom
28	Iris	0	
29	Iris Fine	0	Fine byte of Iris
30	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
31	Focus	127	
32	Focus Fine	255	Fine byte of Focus

Extended Mode (continued)

Ch	Function	Default	DMX values
33	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
34	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
35	Animation Wheel1	0	0–1 No Func - Custom 2–126 F > S - Rotate CW 127–130 Stop 131–255 S > F - Rotate CCW
36	Animation Wheel1Mode	0	0–1 No Func - Custom 2–128 Step Mode S > F - Custom 129–255 Fade Mode S > F - Custom

Extended Mode (continued)

Ch	Function	Default	DMX values
37	Function	0	0–5 No Func - Custom 6–11 Pan Reverse - Custom 12–17 Pan Normal - Custom 18–23 Tilt Reverse - Custom 24–29 Tilt Normal - Custom 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 Rotating Gobo BO On - Blackout 72–77 Rotating Gobo 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 Mode - Custom 114–119 Square Dimmer Mode - Custom 120–125 I-Square Dimmer Mode - Custom 126–131 S-Curve Dimmer Mode - 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 Wheel/CMY Reset - Reset 186–191 Gobo Reset - Reset 192–203 No Func - Custom 204–209 Frost/Animation Wheel Reset - Reset 210–215 Reset All - Reset 216–255 No Func - Custom