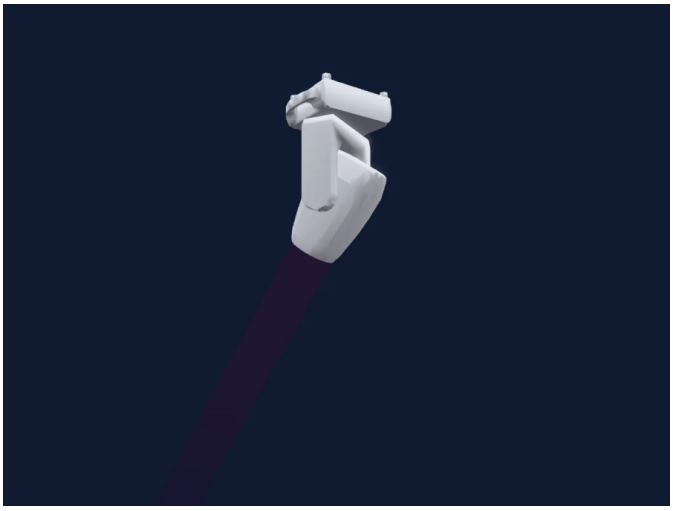
Infinity

Furion B402 Beam



Manufacturer	**Infinity**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**15, 20 channels**
Beam angle	**2.16°**
Pan range	**540°**
Tilt range	**260°**
Size (W × H × D)	**235 × 366 × 228 mm**
GDTF fixture type	**B4E004B3-7FBA-11EF-84D4-52…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Movement speed · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

Basic	15 ch
Advanced	20 ch

Basic

15 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	0–3 Open - Color (wheel slot 1) 4–7 Red - Color (wheel slot 2) 8–11 Dark Blue - Color (wheel slot 3) 12–15 Dark Yellow - Color (wheel slot 4) 16–19 Neon Green - Color (wheel slot 5) 20–23 Magenta - Color (wheel slot 6) 24–27 Lavender - Color (wheel slot 7) 28–31 Pink - Color (wheel slot 8) 32–35 Dark Green - Color (wheel slot 9) 36–39 Lime - Color (wheel slot 10) 40–43 Cyan - Color (wheel slot 11) 44–47 Orange - Color (wheel slot 12) 48–51 CTB - Color (wheel slot 13) 52–55 CTO - Color (wheel slot 14) 56–59 Congo Blue - Color (wheel slot 15) 60–68 White + Color 1 - Color (wheel slot 16) 69–77 Color 1 + Color 2 - Color (wheel slot 17) 78–86 Color 2 + Color 3 - Color (wheel slot 18) 87–95 Color 3 + Color 4 - Color (wheel slot 19) 96–104 Color 4 + Color 5 - Color (wheel slot 20) 105–113 Color 5 + Color 6 - Color (wheel slot 21) 114–122 Color 6 + Color 7 - Color (wheel slot 22) 123–131 Color 7 + Color 8 - Color (wheel slot 23) 132–140 Color 8 + Color 9 - Color (wheel slot 24) 141–149 Color 9 + Color 10 - Color (wheel slot 25) 150–158 Color 10 + Color 11 - Color (wheel slot 26) 159–167 Color 11 + Color 12 - Color (wheel slot 27) 168–176 Color 12 + Color 13 - Color (wheel slot 28) 177–185 Color 13 + Color 14 - Color (wheel slot 29) 186–194 Color 14 + White - Color (wheel slot 30) 195–219 F > S - Rotate CW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CCW

Basic (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–3 Open - Gobo Open (wheel slot 1) 4–6 Gobo 1 - Gobo (wheel slot 2) 7–9 Gobo 2 - Gobo (wheel slot 3) 10–12 Gobo 3 - Gobo (wheel slot 4) 13–15 Gobo 4 - Gobo (wheel slot 5) 16–18 Gobo 5 - Gobo (wheel slot 6) 19–21 Gobo 6 - Gobo (wheel slot 7) 22–24 Gobo 7 - Gobo (wheel slot 8) 25–27 Gobo 8 - Gobo (wheel slot 9) 28–30 Gobo 9 - Gobo (wheel slot 10) 31–33 Gobo 10 - Gobo (wheel slot 11) 34–36 Gobo 11 - Gobo (wheel slot 12) 37–39 Gobo 12 - Gobo (wheel slot 13) 40–42 Gobo 13 - Gobo (wheel slot 14) 43–45 Gobo 14 - Gobo (wheel slot 15) 46–48 Gobo 15 - Gobo (wheel slot 16) 49–51 Gobo 16 - Gobo (wheel slot 17) 52–55 Gobo 17 - Gobo (wheel slot 18) 56–59 Open - Gobo Open (wheel slot 1) 60–63 Gobo 1 Shake - Gobo Shake (wheel slot 2) 64–67 Gobo 2 Shake - Gobo Shake (wheel slot 3) 68–71 Gobo 3 Shake - Gobo Shake (wheel slot 4) 72–75 Gobo 4 Shake - Gobo Shake (wheel slot 5) 76–79 Gobo 5 Shake - Gobo Shake (wheel slot 6) 80–83 Gobo 6 Shake - Gobo Shake (wheel slot 7) 84–87 Gobo 7 Shake - Gobo Shake (wheel slot 8) 88–91 Gobo 8 Shake - Gobo Shake (wheel slot 9) 92–95 Gobo 9 Shake - Gobo Shake (wheel slot 10) 96–99 Gobo 10 Shake - Gobo Shake (wheel slot 11) 100–103 Gobo 11 Shake - Gobo Shake (wheel slot 12) 104–107 Gobo 12 Shake - Gobo Shake (wheel slot 13) 108–111 Gobo 13 Shake - Gobo Shake (wheel slot 14) 112–115 Gobo 14 Shake - Gobo Shake (wheel slot 15) 116–119 Gobo 15 Shake - Gobo Shake (wheel slot 16) 120–123 Gobo 16 Shake - Gobo Shake (wheel slot 17) 124–127 Gobo 17 Shake - Gobo Shake (wheel slot 18) 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 Rotate S > F - Rotate CCW
9	Prism	0	0–4 No Function - Custom 5–127 8-Facet Prism Indexing - Indexing (wheel slot 1) 128–255 8-Facet Prism (Rotating) - Rotate Random (wheel sl...
10	Prism Rotation	128	0–0 No Function - Custom 1–14 Indexing - Indexing 15–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–240 S > F - Rotate CCW 241–255 F > S - Rotate Random
11	Prism	0	0–4 No Function - Custom 5–127 5-Facet Linear Prism Indexing - Indexing (wheel slot 1) 128–255 5-Facet Linear Prism (Rotating) - Rotate Random (...
12	Prism Rotation	128	0–0 No Function - Custom 1–14 Indexing - Indexing 15–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–240 S > F - Rotate CCW 241–255 F > S - Rotate Random
13	Focus	128	0–0 Min 1–254 Min > Max 255–255 Max

Basic (continued)

Ch	Function	Default	DMX values
14	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
15	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 PT Off - Blackout 40–44 BO PT On - Blackout 45–49 BO Color Off - Blackout 50–54 BO Color On - Blackout 55–59 BO Gobo On - Blackout 60–64 BO Gobo Off - Blackout 65–104 Reserved - Custom 105–109 DMX Fail: Hold - Custom 110–114 DMX Fail: Off - Custom 115–124 Reserved - Custom 125–129 Lamp On - Lamp on 130–199 Reserved - Custom 200–209 Reset P/T - Reset 210–214 Reset Color - Reset 215–219 Reset Gobo - Reset 220–224 Reset Focus - Reset 225–229 Reserved - Custom 230–234 Frost Reset 235–239 Reset All - Reset 240–244 Reserved - Custom 245–249 Lamp Off - Lamp off 250–255 Reserved - Custom

Advanced

20 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

Advanced (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–3 Open - Color (wheel slot 1) 4–7 Red - Color (wheel slot 2) 8–11 Dark Blue - Color (wheel slot 3) 12–15 Dark Yellow - Color (wheel slot 4) 16–19 Neon Green - Color (wheel slot 5) 20–23 Magenta - Color (wheel slot 6) 24–27 Lavender - Color (wheel slot 7) 28–31 Pink - Color (wheel slot 8) 32–35 Dark Green - Color (wheel slot 9) 36–39 Lime - Color (wheel slot 10) 40–43 Cyan - Color (wheel slot 11) 44–47 Orange - Color (wheel slot 12) 48–51 CTB - Color (wheel slot 13) 52–55 CTO - Color (wheel slot 14) 56–59 Congo Blue - Color (wheel slot 15) 60–68 White + Color 1 - Color (wheel slot 16) 69–77 Color 1 + Color 2 - Color (wheel slot 17) 78–86 Color 2 + Color 3 - Color (wheel slot 18) 87–95 Color 3 + Color 4 - Color (wheel slot 19) 96–104 Color 4 + Color 5 - Color (wheel slot 20) 105–113 Color 5 + Color 6 - Color (wheel slot 21) 114–122 Color 6 + Color 7 - Color (wheel slot 22) 123–131 Color 7 + Color 8 - Color (wheel slot 23) 132–140 Color 8 + Color 9 - Color (wheel slot 24) 141–149 Color 9 + Color 10 - Color (wheel slot 25) 150–158 Color 10 + Color 11 - Color (wheel slot 26) 159–167 Color 11 + Color 12 - Color (wheel slot 27) 168–176 Color 12 + Color 13 - Color (wheel slot 28) 177–185 Color 13 + Color 14 - Color (wheel slot 29) 186–194 Color 14 + White - Color (wheel slot 30) 195–219 F > S - Rotate CW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CCW

Advanced (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–3 Open - Gobo Open (wheel slot 1) 4–6 Gobo 1 - Gobo (wheel slot 2) 7–9 Gobo 2 - Gobo (wheel slot 3) 10–12 Gobo 3 - Gobo (wheel slot 4) 13–15 Gobo 4 - Gobo (wheel slot 5) 16–18 Gobo 5 - Gobo (wheel slot 6) 19–21 Gobo 6 - Gobo (wheel slot 7) 22–24 Gobo 7 - Gobo (wheel slot 8) 25–27 Gobo 8 - Gobo (wheel slot 9) 28–30 Gobo 9 - Gobo (wheel slot 10) 31–33 Gobo 10 - Gobo (wheel slot 11) 34–36 Gobo 11 - Gobo (wheel slot 12) 37–39 Gobo 12 - Gobo (wheel slot 13) 40–42 Gobo 13 - Gobo (wheel slot 14) 43–45 Gobo 14 - Gobo (wheel slot 15) 46–48 Gobo 15 - Gobo (wheel slot 16) 49–51 Gobo 16 - Gobo (wheel slot 17) 52–55 Gobo 17 - Gobo (wheel slot 18) 56–59 Open - Gobo Open (wheel slot 1) 60–63 Gobo 1 Shake - Gobo Shake (wheel slot 2) 64–67 Gobo 2 Shake - Gobo Shake (wheel slot 3) 68–71 Gobo 3 Shake - Gobo Shake (wheel slot 4) 72–75 Gobo 4 Shake - Gobo Shake (wheel slot 5) 76–79 Gobo 5 Shake - Gobo Shake (wheel slot 6) 80–83 Gobo 6 Shake - Gobo Shake (wheel slot 7) 84–87 Gobo 7 Shake - Gobo Shake (wheel slot 8) 88–91 Gobo 8 Shake - Gobo Shake (wheel slot 9) 92–95 Gobo 9 Shake - Gobo Shake (wheel slot 10) 96–99 Gobo 10 Shake - Gobo Shake (wheel slot 11) 100–103 Gobo 11 Shake - Gobo Shake (wheel slot 12) 104–107 Gobo 12 Shake - Gobo Shake (wheel slot 13) 108–111 Gobo 13 Shake - Gobo Shake (wheel slot 14) 112–115 Gobo 14 Shake - Gobo Shake (wheel slot 15) 116–119 Gobo 15 Shake - Gobo Shake (wheel slot 16) 120–123 Gobo 16 Shake - Gobo Shake (wheel slot 17) 124–127 Gobo 17 Shake - Gobo Shake (wheel slot 18) 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 Rotate S > F - Rotate CCW
11	Prism	0	0–4 No Function - Custom 5–127 8-Facet Prism Indexing - Indexing (wheel slot 1) 128–255 8-Facet Prism (Rotating) - Rotate Random (wheel sl...
12	Prism Rotation	128	0–13 No Function - Custom 14–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–240 S > F - Rotate CCW 241–255 F > S - Rotate Random
13	Prism Rotation Fine	0	Fine byte of Prism Rotation
14	Prism	0	0–4 No Function - Custom 5–127 5-Facet Linear Prism Indexing - Indexing (wheel slot 1) 128–255 5-Facet Linear Prism (Rotating) - Rotate Random (...
15	Prism Rotation	128	0–13 No Function - Custom 14–127 F > S - Rotate CW 128–128 Stop - Stop Loop 129–240 S > F - Rotate CCW 241–255 F > S - Rotate Random
16	Prism Rotation Fine	0	Fine byte of Prism Rotation
17	Focus	128	
18	Focus Fine	0	Fine byte of Focus

Advanced (continued)

Ch	Function	Default	DMX values
19	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
20	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 PT Off - Blackout 40–44 BO PT On - Blackout 45–49 BO Color Off - Blackout 50–54 BO Color On - Blackout 55–59 BO Gobo On - Blackout 60–64 BO Gobo Off - Blackout 65–104 Reserved - Custom 105–109 DMX Fail: Hold - Custom 110–114 DMX Fail: Off - Custom 115–124 Reserved - Custom 125–129 Lamp On - Lamp on 130–199 Reserved - Custom 200–209 Reset P/T - Reset 210–214 Reset Color - Reset 215–219 Reset Gobo - Reset 220–224 Reset Focus - Reset 225–229 Reserved - Custom 230–234 Frost Reset 235–239 Reset All - Reset 240–244 Reserved - Custom 245–249 Lamp Off - Lamp off 250–255 Reserved - Custom