Infinity

# Furion S201 Spot



| | |
|---|---|
| Manufacturer | **Infinity** |
| Type | **Moving head** |
| DMX modes | **2** |
| DMX footprint | **17, 23 channels** |
| Beam angle | **6-30°** |
| Pan range | **540°** |
| Tilt range | **270°** |
| Size (W × H × D) | **300 × 350 × 206 mm** |
| GDTF fixture type | **30C8C967-3F28-441F-AD8B-27…** |

## Controls

Focus · Prism · Prism rotation · Zoom · Colour wheel · Strobe · Dimmer · Movement speed · Gobos · Gobo rotation

## Safety-relevant functions

Fixture reset · Strobe

## DMX modes

| | |
|---|---|
| Basic Mode | 17 ch |
| Advanced neu | 23 ch |

## Basic Mode

17 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Pan | 127 | |
| 2 | Pan Fine | 127 | Fine byte of Pan |
| 3 | Tilt | 127 | |
| 4 | Tilt Fine | 255 | Fine byte of Tilt |
| 5 | Dimmer | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 6 | Shutter / Strobe | 6 | 0–3 Closed - Shutter Closed<br>4–7 Open - Shutter Open<br>8–76 Strobe S > F - Strobe<br>77–145 Pulse Strobe S > F - Strobe Pulse Random<br>146–215 Strobe Random S > F - Strobe Random<br>216–255 Open - Shutter Open |
| 7 | Color Wheel | 0 | 0–6 White - Color (wheel slot 1)<br>7–13 Red - Color (wheel slot 2)<br>14–20 Light Pink - Color (wheel slot 3)<br>21–27 Amber - Color (wheel slot 4)<br>28–34 Dark Lavender - Color (wheel slot 5)<br>35–41 Primary Green - Color (wheel slot 6)<br>42–48 Aquamarine - Color (wheel slot 7)<br>49–59 Congo Blue - Color (wheel slot 8)<br>60–187 Gradual Color Adj - Rotate Random<br>188–219 F > S - Rotate CCW<br>220–223 Stop - Stop Loop<br>224–255 S > F - Rotate CW |
| 8 | Color Wheel2 | 0 | 0–7 White (wheel slot 1)<br>8–14 Magenta (wheel slot 2)<br>15–22 CTO (wheel slot 3)<br>23–29 Cyan (wheel slot 4)<br>30–37 Dark Yellow (wheel slot 5)<br>38–44 Blue (wheel slot 6)<br>45–52 Lavendel (wheel slot 7)<br>53–59 Neon Green (wheel slot 8)<br>60–187 Gradual Color Adj - Rotate<br>188–219 F > S - Rotate CCW<br>220–223 Stop<br>224–255 S > F - Rotate CW |
| 9 | Gobo | 0 | 0–8 Open - Gobo Open (wheel slot 1)<br>9–17 Gobo 1 - Gobo (wheel slot 2)<br>18–26 Gobo 2 - Gobo (wheel slot 3)<br>27–35 Gobo 3 - Gobo (wheel slot 4)<br>36–44 Gobo 4 - Gobo (wheel slot 5)<br>45–53 Gobo 5 - Gobo (wheel slot 6)<br>54–63 Gobo 6 - Gobo (wheel slot 7)<br>64–73 Gobo 6 Shake - Gobo Shake (wheel slot 7)<br>74–82 Gobo 5 Shake - Gobo Shake (wheel slot 6)<br>83–91 Gobo 4 Shake - Gobo Shake (wheel slot 5)<br>92–100 Gobo 3 Shake - Gobo Shake (wheel slot 4)<br>101–109 Gobo 2 Shake - Gobo Shake (wheel slot 3)<br>110–118 Gobo 1 Shake - Gobo Shake (wheel slot 2)<br>119–127 Open - Gobo Open (wheel slot 1)<br>128–190 F > S - Rotate CW<br>191–192 Stop - Stop Loop<br>193–255 S > F - Rotate CCW |
| 10 | Gobo Rotation | 128 | 0–45 Indexing - Indexing<br>46–126 F > S - Rotate CW<br>127–130 Stop - Stop Loop<br>131–211 S > F - Rotate CCW<br>212–255 Gobo Bounce Small > Big - Gobo Shake |

## Basic Mode (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Gobo 2 | 0 | 0–6 Open - Gobo Open (wheel slot 1)<br>7–13 Gobo 1 - Gobo (wheel slot 2)<br>14–20 Gobo 2 - Gobo (wheel slot 3)<br>21–27 Gobo 3 - Gobo (wheel slot 4)<br>28–34 Gobo 4 - Gobo (wheel slot 5)<br>35–41 Gobo 5 - Gobo (wheel slot 6)<br>42–48 Gobo 6 - Gobo (wheel slot 7)<br>49–55 Gobo 7 - Gobo (wheel slot 8)<br>56–63 Gobo 8 - Gobo<br>64–70 Gobo 7 Shake - Gobo Shake (wheel slot 8)<br>71–77 Gobo 6 Shake - Gobo Shake (wheel slot 7)<br>78–84 Gobo 5 Shake - Gobo Shake (wheel slot 6)<br>85–91 Gobo 4 Shake - Gobo Shake (wheel slot 5)<br>92–98 Gobo 3 Shake - Gobo Shake (wheel slot 4)<br>99–105 Gobo 2 Shake - Gobo Shake (wheel slot 3)<br>106–112 Gobo 1 Shake - Gobo Shake (wheel slot 2)<br>113–127 Open - Gobo Open (wheel slot 1)<br>128–190 F > S - Rotate CW<br>191–192 Stop - Stop Loop<br>193–255 S > F - Rotate CCW |
| **12** | Prism | 0 | 0–4 No Func - Custom<br>5–127 Prism 1 - Prism (wheel slot 1)<br>128–255 Prism 2 - Prism (wheel slot 2) |
| **13** | Prism Rotation | 0 | 0–45 Indexing - Indexing<br>46–126 F > S - Rotate CW<br>127–130 Stop - Stop Loop<br>131–211 S > F - Rotate CCW<br>212–255 Prism Bounce Small > Big - Gobo Shake |
| **14** | Zoom | 127 | 0–0 Wide<br>1–254 Wide > Narrow<br>255–255 Narrow |
| **15** | Focus | 127 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **16** | Focus1Distance | 0 | 0–0 No Func - Custom<br>1–11 0-5 Mtrs Auto Focus Gobo 1 - Focus<br>12–22 6 Mtrs Auto Focus Gobo 1 - Focus<br>23–33 7 Mtrs Auto Focus Gobo 1 - Focus<br>34–44 8 Mtrs Auto Focus Gobo 1 - Focus<br>45–55 9 Mtrs Auto Focus Gobo 1 - Focus<br>56–66 10 Mtrs Auto Focus Gobo 1 - Focus<br>67–77 12 5 Mtrs Auto Focus Gobo 1 - Focus<br>78–88 15 Mtrs Auto Focus Gobo 1 - Focus<br>89–99 17 5 Mtrs Auto Focus Gobo 1 - Focus<br>100–110 20-60 Mtrs Auto Focus Gobo 1 - Focus<br>111–127 Auto Detect Distance Gobo 1 - Focus<br>128–138 0-5 Mtrs Auto Focus Gobo 2 - Focus<br>139–149 6 Mtrs Auto Focus Gobo 2 - Focus<br>150–160 7 Mtrs Auto Focus Gobo 2 - Focus<br>161–171 8 Mtrs Auto Focus Gobo 2 - Focus<br>172–182 9 Mtrs Auto Focus Gobo 2 - Focus<br>183–193 10 Mtrs Auto Focus Gobo 2 - Focus<br>194–204 12 5 Mtrs Auto Focus Gobo 2 - Focus<br>205–215 15 Mtrs Auto Focus Gobo 2 - Focus<br>216–226 17 5 Mtrs Auto Focus Gobo 2 - Focus<br>227–237 20-60 Mtrs Auto Focus Gobo 2 - Focus<br>238–255 Auto Detect Distance Gobo 2 - Focus |

### Basic Mode (continued)

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

## Advanced neu

23 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 127 | |
| **2** | Pan Fine | 127 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 255 | Fine byte of Tilt |
| **5** | Position MSpeed | 0 | 0–0 Min<br>1–254 Min -> Max<br>255–255 Max |
| **6** | Dimmer | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **7** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **8** | Shutter / Strobe | 6 | 0–3 Closed - Shutter Closed<br>4–7 Open - Shutter Open<br>8–76 Strobe S > F - Strobe<br>77–145 Pulse Strobe S > F - Strobe Pulse Random<br>146–215 Strobe Random S > F - Strobe Random<br>216–255 Open - Shutter Open |

## Advanced neu (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **9** | Color Wheel | 0 | 0–6 White - Color (wheel slot 1)<br>7–13 Red - Color (wheel slot 2)<br>14–20 Light Pink - Color (wheel slot 3)<br>21–27 Amber - Color (wheel slot 4)<br>28–34 Dark Lavender - Color (wheel slot 5)<br>35–41 Primary Green - Color (wheel slot 6)<br>42–48 Aquamarine - Color (wheel slot 7)<br>49–59 Congo Blue - Color (wheel slot 8)<br>60–187 Gradual Color Adj - Rotate Random<br>188–219 F > S - Rotate CCW<br>220–223 Stop - Stop Loop<br>224–255 S > F - Rotate CW |
| **10** | Color Wheel2 | 0 | 0–7 White (wheel slot 1)<br>8–14 Magenta (wheel slot 2)<br>15–22 CTO (wheel slot 3)<br>23–29 Cyan (wheel slot 4)<br>30–37 Dark Yellow (wheel slot 5)<br>38–44 Blue (wheel slot 6)<br>45–52 Lavendel (wheel slot 7)<br>53–59 Neon Green (wheel slot 8)<br>60–187 Gradual Color Adj - Rotate<br>188–219 F > S - Rotate CCW<br>220–223 Stop<br>224–255 S > F - Rotate CW |
| **11** | Gobo | 0 | 0–8 Open - Gobo Open (wheel slot 1)<br>9–17 Gobo 1 - Gobo (wheel slot 2)<br>18–26 Gobo 2 - Gobo (wheel slot 3)<br>27–35 Gobo 3 - Gobo (wheel slot 4)<br>36–44 Gobo 4 - Gobo (wheel slot 5)<br>45–53 Gobo 5 - Gobo (wheel slot 6)<br>54–63 Gobo 6 - Gobo (wheel slot 7)<br>64–73 Gobo 6 Shake - Gobo Shake (wheel slot 7)<br>74–82 Gobo 5 Shake - Gobo Shake (wheel slot 6)<br>83–91 Gobo 4 Shake - Gobo Shake (wheel slot 5)<br>92–100 Gobo 3 Shake - Gobo Shake (wheel slot 4)<br>101–109 Gobo 2 Shake - Gobo Shake (wheel slot 3)<br>110–118 Gobo 1 Shake - Gobo Shake (wheel slot 2)<br>119–127 Open - Gobo Open (wheel slot 1)<br>128–190 F > S - Rotate CW<br>191–192 Stop - Stop Loop<br>193–255 S > F - Rotate CCW |
| **12** | Gobo Rotation | 0 | 0–44 Indexing - Indexing<br>45–126 F > S - Rotate CW<br>127–130 Stop - Stop Loop<br>131–210 S > F - Rotate CCW<br>211–255 Gobo Bounce Small > Big - Gobo Shake |
| **13** | Gobo Rotation Fine | 0 | Fine byte of Gobo Rotation |

## Advanced neu (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **14** | Gobo 2 | 0 | 0–6 Open - Gobo Open (wheel slot 1)<br>7–13 Gobo 1 - Gobo (wheel slot 2)<br>14–20 Gobo 2 - Gobo (wheel slot 3)<br>21–27 Gobo 3 - Gobo (wheel slot 4)<br>28–34 Gobo 4 - Gobo (wheel slot 5)<br>35–41 Gobo 5 - Gobo (wheel slot 6)<br>42–48 Gobo 6 - Gobo (wheel slot 7)<br>49–55 Gobo 7 - Gobo (wheel slot 8)<br>56–63 Gobo 8 - Gobo<br>64–70 Gobo 7 Shake - Gobo Shake (wheel slot 8)<br>71–77 Gobo 6 Shake - Gobo Shake (wheel slot 7)<br>78–84 Gobo 5 Shake - Gobo Shake (wheel slot 6)<br>85–91 Gobo 4 Shake - Gobo Shake (wheel slot 5)<br>92–98 Gobo 3 Shake - Gobo Shake (wheel slot 4)<br>99–105 Gobo 2 Shake - Gobo Shake (wheel slot 3)<br>106–112 Gobo 1 Shake - Gobo Shake (wheel slot 2)<br>113–127 Open - Gobo Open (wheel slot 1)<br>128–190 F > S - Rotate CW<br>191–192 Stop - Stop Loop<br>193–255 S > F - Rotate CCW |
| **15** | Prism | 0 | 0–4 No Prism (wheel slot 1)<br>5–255 Prism (wheel slot 2) |
| **16** | Prism Rotation | 0 | 0–44 Indexing - Indexing<br>45–126 F > S - Rotate CW<br>127–130 Stop - Stop Loop<br>131–210 S > F - Rotate CCW<br>211–255 Prism Bounce Small > Big - Gobo Shake |
| **17** | Prism Rotation Fine | 0 | Fine byte of Prism Rotation |
| **18** | Zoom | 127 | 0–0 Wide<br>1–254 Wide > Narrow<br>255–255 Narrow |
| **19** | Zoom Fine | 127 | Fine byte of Zoom |
| **20** | Focus | 127 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **21** | Focus Fine | 127 | Fine byte of Focus |
| **22** | Focus1Distance | 0 | 0–0 No Func - Custom<br>1–11 0-5 Mtrs Auto Focus Gobo 1 - Focus<br>12–22 6 Mtrs Auto Focus Gobo 1 - Focus<br>23–33 7 Mtrs Auto Focus Gobo 1 - Focus<br>34–44 8 Mtrs Auto Focus Gobo 1 - Focus<br>45–55 9 Mtrs Auto Focus Gobo 1 - Focus<br>56–66 10 Mtrs Auto Focus Gobo 1 - Focus<br>67–77 12 5 Mtrs Auto Focus Gobo 1 - Focus<br>78–88 15 Mtrs Auto Focus Gobo 1 - Focus<br>89–99 17 5 Mtrs Auto Focus Gobo 1 - Focus<br>100–110 20-60 Mtrs Auto Focus Gobo 1 - Focus<br>111–127 Auto Detect Distance Gobo 1 - Focus<br>128–138 0-5 Mtrs Auto Focus Gobo 2 - Focus<br>139–149 6 Mtrs Auto Focus Gobo 2 - Focus<br>150–160 7 Mtrs Auto Focus Gobo 2 - Focus<br>161–171 8 Mtrs Auto Focus Gobo 2 - Focus<br>172–182 9 Mtrs Auto Focus Gobo 2 - Focus<br>183–193 10 Mtrs Auto Focus Gobo 2 - Focus<br>194–204 12 5 Mtrs Auto Focus Gobo 2 - Focus<br>205–215 15 Mtrs Auto Focus Gobo 2 - Focus<br>216–226 17 5 Mtrs Auto Focus Gobo 2 - Focus<br>227–237 20-60 Mtrs Auto Focus Gobo 2 - Focus<br>238–255 Auto Detect Distance Gobo 2 - Focus |

## Advanced neu (continued)

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