Infinity

# Furion P602 Profile



| | |
|---|---|
| Manufacturer | **Infinity** |
| Type | **Profile spot** |
| DMX modes | **2** |
| DMX footprint | **36, 55 channels** |
| Beam angle | **6.5-55.5°** |
| Pan range | **540°** |
| Tilt range | **260°** |
| Size (W × H × D) | **276 × 495 × 259 mm** |
| GDTF fixture type | **D1A1EA27-8263-11EF-AF1A-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 | 36 ch |
| Advanced | 55 ch |

## Basic

36 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<br>1–254 Min > Max<br>255–255 Max |
| 6 | Shutter / Strobe | 6 | 0–3 Closed - Shutter Closed<br>4–6 Open - Shutter Open<br>7–66 Sync Strobe S > F - Strobe<br>67–127 Pulse Strobe S > F - Strobe Pulse Random<br>128–188 Ramp-Down S > F - Strobe Pulse Closed<br>189–249 Strobe Random S > F - Strobe Random<br>250–255 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 Orange - 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>60–75 White + Color 1 - Color (wheel slot 9)<br>76–91 Color 1 + Color 2 - Color (wheel slot 10)<br>92–107 Color 2 + Color 3 - Color (wheel slot 11)<br>108–123 Color 3 + Color 4 - Color (wheel slot 12)<br>124–139 Color 4 + Color 5 - Color (wheel slot 13)<br>140–155 Color 5 + Color 6 - Color (wheel slot 14)<br>156–171 Color 6 + Color 7 - Color (wheel slot 15)<br>172–187 Color 7 + Open - Color (wheel slot 16)<br>188–219 F > S - Rotate CW<br>220–223 Stop - Stop Loop<br>224–255 S > F - Rotate CCW |
| 8 | Cyan | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 9 | Magenta | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 10 | Yellow | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 11 | C TO | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 12 | Color Macro1 | 0 | 0–9 No Function - Custom<br>10–127 CMY Preset - Macro<br>128–255 F > S - Speed |

## Basic (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | Gobo | 0 | 0–4 Open - Gobo Open (wheel slot 1)<br>5–6 Gobo 1 - Gobo (wheel slot 2)<br>7–8 Gobo 2 - Gobo (wheel slot 3)<br>9–10 Gobo 3 - Gobo (wheel slot 4)<br>11–12 Gobo 4 - Gobo (wheel slot 5)<br>13–14 Gobo 5 - Gobo (wheel slot 6)<br>15–16 Gobo 6 - Gobo (wheel slot 7)<br>17–18 Gobo 7 - Gobo (wheel slot 8)<br>19–24 Open - Gobo Open (wheel slot 1)<br>25–26 Gobo 1 Rotate - Gobo Rotate (wheel slot 2)<br>27–28 Gobo 2 Rotate - Gobo Rotate (wheel slot 3)<br>29–30 Gobo 3 Rotate - Gobo Rotate (wheel slot 4)<br>31–32 Gobo 4 Rotate - Gobo Rotate (wheel slot 5)<br>33–34 Gobo 5 Rotate - Gobo Rotate (wheel slot 6)<br>35–36 Gobo 6 Rotate - Gobo Rotate (wheel slot 7)<br>37–38 Gobo 7 Rotate - Gobo Rotate (wheel slot 8)<br>39–44 Open - Gobo Open (wheel slot 1)<br>45–52 Gobo 1 Shake Idx - Gobo Shake (wheel slot 2)<br>53–60 Gobo 2 Shake Idx - Gobo Shake (wheel slot 3)<br>61–68 Gobo 3 Shake Idx - Gobo Shake (wheel slot 4)<br>69–76 Gobo 4 Shake Idx - Gobo Shake (wheel slot 5)<br>77–84 Gobo 5 Shake Idx - Gobo Shake (wheel slot 6)<br>85–92 Gobo 6 Shake Idx - Gobo Shake (wheel slot 7)<br>93–100 Gobo 7 Shake Idx - Gobo Shake (wheel slot 8)<br>101–122 Open - Gobo Open (wheel slot 1)<br>123–132 Gobo 1 Shake Rot - Gobo Shake (wheel slot 2)<br>133–140 Gobo 2 Shake Rot - Gobo Shake (wheel slot 3)<br>141–148 Gobo 3 Shake Rot - Gobo Shake (wheel slot 4)<br>149–156 Gobo 4 Shake Rot - Gobo Shake (wheel slot 5)<br>157–164 Gobo 5 Shake Rot - Gobo Shake (wheel slot 6)<br>165–172 Gobo 6 Shake Rot - Gobo Shake (wheel slot 7)<br>173–180 Gobo 7 Shake Rot - Gobo Shake (wheel slot 8)<br>181–195 Open - Gobo Open (wheel slot 1)<br>196–225 F > S - Rotate CW<br>226–255 S > F - Rotate CCW |
| **14** | Gobo Rotation | 128 | 0–0 No Function - Custom<br>1–14 Indexing - Indexing<br>15–127 F > S - Rotate CW<br>128–128 Stop - Stop Loop<br>129–241 S > F - Rotate CCW<br>242–255 Gobo Swiveling F > S - Rotate Random |

## Basic (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **15** | Gobo 2 | 0 | 0–5 Open - Gobo Open (wheel slot 1)<br>6–11 Gobo 1 - Gobo (wheel slot 2)<br>12–17 Gobo 2 - Gobo (wheel slot 3)<br>18–23 Gobo 3 - Gobo (wheel slot 4)<br>24–29 Gobo 4 - Gobo (wheel slot 5)<br>30–35 Gobo 5 - Gobo (wheel slot 6)<br>36–41 Gobo 6 - Gobo (wheel slot 7)<br>42–47 Gobo 7 - Gobo (wheel slot 8)<br>48–53 Gobo 8 - Gobo (wheel slot 9)<br>54–59 Gobo 9 - Gobo (wheel slot 10)<br>60–63 Open - Gobo Open (wheel slot 1)<br>64–69 Gobo 1 Shake - Gobo Shake (wheel slot 2)<br>70–75 Gobo 2 Shake - Gobo Shake (wheel slot 3)<br>76–81 Gobo 3 Shake - Gobo Shake (wheel slot 4)<br>82–87 Gobo 4 Shake - Gobo Shake (wheel slot 5)<br>88–93 Gobo 5 Shake - Gobo Shake (wheel slot 6)<br>94–99 Gobo 6 Shake - Gobo Shake (wheel slot 7)<br>100–105 Gobo 7 Shake - Gobo Shake (wheel slot 8)<br>106–111 Gobo 8 Shake - Gobo Shake (wheel slot 9)<br>112–117 Gobo 9 Shake - Gobo Shake (wheel slot 10)<br>118–127 Open - Gobo Open (wheel slot 1)<br>128–191 F > S - Rotate CW<br>192–255 S > F - Rotate CCW |
| **16** | Prism | 0 | 0–4 No Function - Custom<br>5–127 Prism (Index) - Prism (wheel slot 1)<br>128–255 Prism (Rot) - Prism (wheel slot 1) |
| **17** | Prism Rotation | 128 | 0–0 No Function - Custom<br>1–14 Indexing - Indexing<br>15–127 F > S - Rotate CW<br>128–128 Stop - Stop Loop<br>129–241 S > F - Rotate CCW<br>242–255 Prism Swiveling F > S - Rotate Random |
| **18** | Zoom | 128 | 0–0 Wide<br>1–254 Wide > Narrow<br>255–255 Narrow |
| **19** | Iris | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **20** | Iris Mode | 0 | 0–63 No Function - Custom<br>64–127 Auto Change F > S - Macro<br>128–191 Slow Open Fast Close S > F - Macro<br>192–255 Slow Close Fast Open S > F - Macro |
| **21** | Focus | 128 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |

## Basic (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 22 | Focus1Distance | 0 | 0–0 No Function - Custom<br>1–11 0-5m Auto Focus - Gobo 1 - Focus<br>12–22 6m Auto Focus - Gobo 1 - Focus<br>23–33 7m Auto Focus - Gobo 1 - Focus<br>34–44 8m Auto Focus - Gobo 1 - Focus<br>45–55 9m Auto Focus - Gobo 1 - Focus<br>56–66 10m Auto Focus - Gobo 1 - Focus<br>67–77 12 5m Auto Focus - Gobo 1 - Focus<br>78–88 15m Auto Focus - Gobo 1 - Focus<br>89–99 17 5m Auto Focus - Gobo 1 - Focus<br>100–110 20-60m Auto Focus - Gobo 1 - Focus<br>111–127 Auto Detect Distance - Gobo 1 - Focus<br>128–138 0-5m Auto Focus - Gobo 2 - Focus<br>139–149 6m Auto Focus - Gobo 2 - Focus<br>150–160 7m Auto Focus - Gobo 2 - Focus<br>161–171 8m Auto Focus - Gobo 2 - Focus<br>172–182 9m Auto Focus - Gobo 2 - Focus<br>183–193 10m Auto Focus - Gobo 2 - Focus<br>194–204 12 5m Auto Focus - Gobo 2 - Focus<br>205–215 15m Auto Focus - Gobo 2 - Focus<br>216–226 17 5m Auto Focus - Gobo 2 - Focus<br>227–237 20-60m Auto Focus - Gobo 2 - Focus<br>238–255 Auto Detect Distance Gobo 2 - Focus |
| 23 | Frost1 | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 24 | Animation Wheel1 | 0 | 0–1 No Function - Custom<br>2–125 Rotate CW - Rotate CW<br>126–130 Stop - Stop Loop<br>131–255 S > F - Rotate CCW |
| 25 | Effect | 0 | 0–1 No Function - Custom<br>2–126 Shaking Effect F > S - Effect<br>127–130 Stop - Stop Loop<br>131–255 Fade Effect S > F - Effect |
| 26 | Blade1A | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 27 | Blade1Rot | 128 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 28 | Blade2A | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 29 | Blade2Rot | 128 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 30 | Blade3A | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 31 | Blade3Rot | 128 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 32 | Blade4A | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 33 | Blade4Rot | 128 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |

## Basic (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **34** | Shaper Rot | 128 | 0–127 -60Deg To 0Deg - Rotate CW<br>128–128 Stop - Stop Loop<br>129–255 0Deg To 60Deg - Rotate CCW |
| **35** | Shaper Macros | 0 | 0–3 No Function - Custom<br>4–31 Square Large To Small - Macro<br>32–59 Horizontal Rectangle Large To Small - Macro<br>60–87 Vertical Rectangle Large To Small - Macro<br>88–115 Rhomboid Large To Small - Macro<br>116–171 Triangle Large To Small - Macro<br>172–199 Semilune Large To Small - Macro<br>200–227 Trapezoid Large To Small - Macro<br>228–255 Semi-Trapezoid Large To Small - Macro |
| **36** | Control1 | 0 | 0–4 No Function - Custom<br>5–9 Pan Reverse - Custom<br>10–14 Pan Normal - Custom<br>15–19 Tilt Reverse - Custom<br>20–24 Tilt Normal - Custom<br>25–29 Auto Pan Invert Off - Custom<br>30–34 Auto Pan Invert On - Custom<br>35–39 BO P/T Off - Blackout<br>40–44 BO P/T On - Blackout<br>45–49 BO Color Off - Blackout<br>50–54 BO Color On - Blackout<br>55–59 BO Gobo Off - Blackout<br>60–64 BO Gobo On - Blackout<br>65–84 Reserved - Custom<br>85–89 Fans Auto - Custom<br>90–94 Fans Full - Custom<br>95–99 Fans Silent - Custom<br>100–104 Fans Studio - Custom<br>105–109 DMX Fail: Hold - Custom<br>110–114 DMX Fail: Off - Custom<br>115–119 Dimmer Mode Fast - Custom<br>120–124 Dimmer Mode Smooth - Custom<br>125–129 Reserved - Custom<br>130–134 Dimmer Linear - Custom<br>135–139 Dimmer Square - Custom<br>140–144 Dimmer Inv Square - Custom<br>145–149 Dimmer S-Curve - Custom<br>150–154 PWM 600Hz - Custom<br>155–159 PWM 1200Hz - Custom<br>160–164 PWM 2000Hz - Custom<br>165–169 PWM 4000Hz - Custom<br>170–174 PWM 6000Hz - Custom<br>175–179 PWM 15000Hz - Custom<br>180–199 Reserved - Custom<br>200–204 Reset P/T - Reset<br>205–209 Reset Iris/Prism - Reset<br>210–214 Reset Color/CMY - Reset<br>215–219 Reset Gobo - Reset<br>220–224 Reset Zoom - Reset<br>225–229 Reset Framing - Reset<br>230–234 Reset Frost/Animation - Reset<br>235–239 Reset All - Reset<br>240–249 Reserved - Custom<br>250–255 No Function - Custom |

## Advanced

55 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<br>1–254 Min > Max<br>255–255 Max |
| 6 | Dimmer | 0 | |
| 7 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 8 | Shutter / Strobe | 6 | 0–3 Closed - Shutter Closed<br>4–6 Open - Shutter Open<br>7–66 Sync Strobe S > F - Strobe<br>67–127 Pulse Strobe S > F - Strobe Pulse Random<br>128–188 Ramp-Down S > F - Strobe Pulse Closed<br>189–249 Strobe Random S > F - Strobe Random<br>250–255 Open - Shutter Open |
| 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 Orange - 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>60–75 White + Color 1 - Color (wheel slot 9)<br>76–91 Color 1 + Color 2 - Color (wheel slot 10)<br>92–107 Color 2 + Color 3 - Color (wheel slot 11)<br>108–123 Color 3 + Color 4 - Color (wheel slot 12)<br>124–139 Color 4 + Color 5 - Color (wheel slot 13)<br>140–155 Color 5 + Color 6 - Color (wheel slot 14)<br>156–171 Color 6 + Color 7 - Color (wheel slot 15)<br>172–187 Color 7 + Open - Color (wheel slot 16)<br>188–219 F > S - Rotate CW<br>220–223 Stop - Stop Loop<br>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 | C TO | 0 | |
| 17 | C TO Fine | 0 | Fine byte of C TO |
| 18 | Color Macro1 | 0 | 0–9 No Function - Custom<br>10–127 CMY Preset - Macro<br>128–255 F > S - Speed |

## Advanced (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **19** | Gobo | 0 | 0–4 Open - Gobo Open (wheel slot 1)<br>5–6 Gobo 1 - Gobo (wheel slot 2)<br>7–8 Gobo 2 - Gobo (wheel slot 3)<br>9–10 Gobo 3 - Gobo (wheel slot 4)<br>11–12 Gobo 4 - Gobo (wheel slot 5)<br>13–14 Gobo 5 - Gobo (wheel slot 6)<br>15–16 Gobo 6 - Gobo (wheel slot 7)<br>17–18 Gobo 7 - Gobo (wheel slot 8)<br>19–24 Open - Gobo Open (wheel slot 1)<br>25–26 Gobo 1 Rotate - Gobo Rotate (wheel slot 2)<br>27–28 Gobo 2 Rotate - Gobo Rotate (wheel slot 3)<br>29–30 Gobo 3 Rotate - Gobo Rotate (wheel slot 4)<br>31–32 Gobo 4 Rotate - Gobo Rotate (wheel slot 5)<br>33–34 Gobo 5 Rotate - Gobo Rotate (wheel slot 6)<br>35–36 Gobo 6 Rotate - Gobo Rotate (wheel slot 7)<br>37–38 Gobo 7 Rotate - Gobo Rotate (wheel slot 8)<br>39–44 Open - Gobo Open (wheel slot 1)<br>45–52 Gobo 1 Shake Idx - Gobo Shake (wheel slot 2)<br>53–60 Gobo 2 Shake Idx - Gobo Shake (wheel slot 3)<br>61–68 Gobo 3 Shake Idx - Gobo Shake (wheel slot 4)<br>69–76 Gobo 4 Shake Idx - Gobo Shake (wheel slot 5)<br>77–84 Gobo 5 Shake Idx - Gobo Shake (wheel slot 6)<br>85–92 Gobo 6 Shake Idx - Gobo Shake (wheel slot 7)<br>93–100 Gobo 7 Shake Idx - Gobo Shake (wheel slot 8)<br>101–122 Open - Gobo Open (wheel slot 1)<br>123–132 Gobo 1 Shake Rot - Gobo Shake (wheel slot 2)<br>133–140 Gobo 2 Shake Rot - Gobo Shake (wheel slot 3)<br>141–148 Gobo 3 Shake Rot - Gobo Shake (wheel slot 4)<br>149–156 Gobo 4 Shake Rot - Gobo Shake (wheel slot 5)<br>157–164 Gobo 5 Shake Rot - Gobo Shake (wheel slot 6)<br>165–172 Gobo 6 Shake Rot - Gobo Shake (wheel slot 7)<br>173–180 Gobo 7 Shake Rot - Gobo Shake (wheel slot 8)<br>181–195 Open - Gobo Open (wheel slot 1)<br>196–225 F > S - Rotate CW<br>226–255 S > F - Rotate CCW |
| **20** | Gobo Rotation | 128 | 0–13 No Function - Custom<br>14–127 F > S - Rotate CW<br>128–128 Stop - Stop Loop<br>129–241 S > F - Rotate CCW<br>242–255 Gobo Swiveling F > S - Rotate Random |
| **21** | Gobo Rotation Fine | 0 | Fine byte of Gobo Rotation |

## Advanced (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **22** | Gobo 2 | 0 | 0–5 Open - Gobo Open (wheel slot 1)<br>6–11 Gobo 1 - Gobo (wheel slot 2)<br>12–17 Gobo 2 - Gobo (wheel slot 3)<br>18–23 Gobo 3 - Gobo (wheel slot 4)<br>24–29 Gobo 4 - Gobo (wheel slot 5)<br>30–35 Gobo 5 - Gobo (wheel slot 6)<br>36–41 Gobo 6 - Gobo (wheel slot 7)<br>42–47 Gobo 7 - Gobo (wheel slot 8)<br>48–53 Gobo 8 - Gobo (wheel slot 9)<br>54–59 Gobo 9 - Gobo (wheel slot 10)<br>60–63 Open - Gobo Open (wheel slot 1)<br>64–69 Gobo 1 Shake - Gobo Shake (wheel slot 2)<br>70–75 Gobo 2 Shake - Gobo Shake (wheel slot 3)<br>76–81 Gobo 3 Shake - Gobo Shake (wheel slot 4)<br>82–87 Gobo 4 Shake - Gobo Shake (wheel slot 5)<br>88–93 Gobo 5 Shake - Gobo Shake (wheel slot 6)<br>94–99 Gobo 6 Shake - Gobo Shake (wheel slot 7)<br>100–105 Gobo 7 Shake - Gobo Shake (wheel slot 8)<br>106–111 Gobo 8 Shake - Gobo Shake (wheel slot 9)<br>112–117 Gobo 9 Shake - Gobo Shake (wheel slot 10)<br>118–127 Open - Gobo Open (wheel slot 1)<br>128–191 F > S - Rotate CW<br>192–255 S > F - Rotate CCW |
| **23** | Prism | 0 | 0–4 No Function - Custom<br>5–127 Prism (Index) - Prism (wheel slot 1)<br>128–255 Prism (Rot) - Prism (wheel slot 1) |
| **24** | Prism Rotation | 128 | 0–13 No Function - Custom<br>14–127 F > S - Rotate CW<br>128–128 Stop - Stop Loop<br>129–241 S > F - Rotate CCW<br>242–255 Prism Swiveling F > S - Rotate Random |
| **25** | Prism Rotation Fine | 0 | Fine byte of Prism Rotation |
| **26** | Zoom | 128 | 0–254 Wide<br>255–255 Narrow |
| **27** | Zoom Fine | 0 | Fine byte of Zoom |
| **28** | Iris | 0 | |
| **29** | Iris Fine | 0 | Fine byte of Iris |
| **30** | Iris Mode | 0 | 0–63 No Function - Custom<br>64–127 Auto Change F > S - Macro<br>128–191 Slow Open Fast Close S > F - Macro<br>192–255 Slow Close Fast Open S > F - Macro |
| **31** | Focus | 128 | |
| **32** | Focus Fine | 0 | Fine byte of Focus |

## Advanced (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **33** | Focus1Distance | 0 | 0–0 No Function - Custom<br>1–11 0-5m Auto Focus - Gobo 1 - Focus<br>12–22 6m Auto Focus - Gobo 1 - Focus<br>23–33 7m Auto Focus - Gobo 1 - Focus<br>34–44 8m Auto Focus - Gobo 1 - Focus<br>45–55 9m Auto Focus - Gobo 1 - Focus<br>56–66 10m Auto Focus - Gobo 1 - Focus<br>67–77 12 5m Auto Focus - Gobo 1 - Focus<br>78–88 15m Auto Focus - Gobo 1 - Focus<br>89–99 17 5m Auto Focus - Gobo 1 - Focus<br>100–110 20-60m Auto Focus - Gobo 1 - Focus<br>111–127 Auto Detect Distance - Gobo 1 - Focus<br>128–138 0-5m Auto Focus - Gobo 2 - Focus<br>139–149 6m Auto Focus - Gobo 2 - Focus<br>150–160 7m Auto Focus - Gobo 2 - Focus<br>161–171 8m Auto Focus - Gobo 2 - Focus<br>172–182 9m Auto Focus - Gobo 2 - Focus<br>183–193 10m Auto Focus - Gobo 2 - Focus<br>194–204 12 5m Auto Focus - Gobo 2 - Focus<br>205–215 15m Auto Focus - Gobo 2 - Focus<br>216–226 17 5m Auto Focus - Gobo 2 - Focus<br>227–237 20-60m Auto Focus - Gobo 2 - Focus<br>238–255 Auto Detect Distance Gobo 2 - Focus |
| **34** | Frost1 | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **35** | Animation Wheel1 | 0 | 0–1 No Function - Custom<br>2–125 Rotate CW - Rotate CW<br>126–130 Stop - Stop Loop<br>131–255 S > F - Rotate CCW |
| **36** | Effect | 0 | 0–1 No Function - Custom<br>2–126 Shaking Effect F > S - Effect<br>127–130 Stop - Stop Loop<br>131–255 Fade Effect S > F - Effect |
| **37** | Blade1A | 0 | |
| **38** | Blade1A Fine | 0 | Fine byte of Blade1A |
| **39** | Blade1Rot | 128 | |
| **40** | Blade1Rot Fine | 0 | Fine byte of Blade1Rot |
| **41** | Blade2A | 0 | |
| **42** | Blade2A Fine | 0 | Fine byte of Blade2A |
| **43** | Blade2Rot | 128 | |
| **44** | Blade2Rot Fine | 0 | Fine byte of Blade2Rot |
| **45** | Blade3A | 0 | |
| **46** | Blade3A Fine | 0 | Fine byte of Blade3A |
| **47** | Blade3Rot | 128 | |
| **48** | Blade3Rot Fine | 0 | Fine byte of Blade3Rot |
| **49** | Blade4A | 0 | |
| **50** | Blade4A Fine | 0 | Fine byte of Blade4A |
| **51** | Blade4Rot | 128 | |
| **52** | Blade4Rot Fine | 0 | Fine byte of Blade4Rot |
| **53** | Shaper Rot | 128 | 0–127 -60Deg To 0Deg - Rotate CW<br>128–128 Stop - Stop Loop<br>129–255 0Deg To 60Deg - Rotate CCW |

## Advanced (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **54** | Shaper Macros | 0 | 0–3 No Function - Custom<br>4–31 Square Large To Small - Macro<br>32–59 Horizontal Rectangle Large To Small - Macro<br>60–87 Vertical Rectangle Large To Small - Macro<br>88–115 Rhomboid Large To Small - Macro<br>116–171 Triangle Large To Small - Macro<br>172–199 Semilune Large To Small - Macro<br>200–227 Trapezoid Large To Small - Macro<br>228–255 Semi-Trapezoid Large To Small - Macro |
| **55** | Control1 | 0 | 0–4 No Function - Custom<br>5–9 Pan Reverse - Custom<br>10–14 Pan Normal - Custom<br>15–19 Tilt Reverse - Custom<br>20–24 Tilt Normal - Custom<br>25–29 Auto Pan Invert Off - Custom<br>30–34 Auto Pan Invert On - Custom<br>35–39 BO P/T Off - Blackout<br>40–44 BO P/T On - Blackout<br>45–49 BO Color Off - Blackout<br>50–54 BO Color On - Blackout<br>55–59 BO Gobo Off - Blackout<br>60–64 BO Gobo On - Blackout<br>65–84 Reserved - Custom<br>85–89 Fans Auto - Custom<br>90–94 Fans Full - Custom<br>95–99 Fans Silent - Custom<br>100–104 Fans Studio - Custom<br>105–109 DMX Fail: Hold - Custom<br>110–114 DMX Fail: Off - Custom<br>115–119 Dimmer Mode Fast - Custom<br>120–124 Dimmer Mode Smooth - Custom<br>125–129 Reserved - Custom<br>130–134 Dimmer Linear - Custom<br>135–139 Dimmer Square - Custom<br>140–144 Dimmer Inv Square - Custom<br>145–149 Dimmer S-Curve - Custom<br>150–154 PWM 600Hz - Custom<br>155–159 PWM 1200Hz - Custom<br>160–164 PWM 2000Hz - Custom<br>165–169 PWM 4000Hz - Custom<br>170–174 PWM 6000Hz - Custom<br>175–179 PWM 15000Hz - Custom<br>180–199 Reserved - Custom<br>200–204 Reset P/T - Reset<br>205–209 Reset Iris/Prism - Reset<br>210–214 Reset Color/CMY - Reset<br>215–219 Reset Gobo - Reset<br>220–224 Reset Zoom - Reset<br>225–229 Reset Framing - Reset<br>230–234 Reset Frost/Animation - Reset<br>235–239 Reset All - Reset<br>240–249 Reserved - Custom<br>250–255 No Function - Custom |