Showtec

# Infinity IS-200



| | |
|---|---|
| Manufacturer | **Showtec** |
| Type | **Profile spot** |
| DMX modes | **2** |
| DMX footprint | **18, 21 channels** |
| Beam angle | **17°** |
| Pan range | **540°** |
| Tilt range | **270°** |
| Size (W × H × D) | **240 × 450 × 220 mm** |
| GDTF fixture type | **950B6A82-3E2F-41C9-8001-DB…** |

## Controls

Focus · Frost · Iris · Prism · Prism rotation · Colour wheel · Effect speed · Dimmer · Movement speed · Gobos · Gobo rotation

## Safety-relevant functions

Fixture reset · Built-in effect programmes

## DMX modes

| | |
|---|---|
| 18 Channel | 18 ch |
| 21 Channel | 21 ch |

## 18 Channel

18 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Pan | 128 | |
| 2 | Tilt | 128 | |
| 3 | Pan Fine | 0 | Fine byte of Pan |
| 4 | Tilt Fine | 0 | Fine byte of Tilt |
| 5 | Position MSpeed | 0 | |
| 6 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 7 | Shutter1Strobe | 4 | 0–3 Closed<br>4–7 Open<br>8–75 Slow<br>76–76 Fast<br>77–144 Slow<br>145–145 Fast<br>146–214 Slow<br>215–215 Fast<br>216–255 NoFeature |
| 8 | Color Wheel | 0 | 0–7 Open (wheel slot 1)<br>8–15 Light Yellow (wheel slot 2)<br>16–23 Light Blue (wheel slot 3)<br>24–31 Light Green (wheel slot 4)<br>32–39 High Transparent Red (wheel slot 5)<br>40–47 Rose-Red (wheel slot 6)<br>48–55 Blue (wheel slot 7)<br>56–63 Orange (wheel slot 8)<br>64–71 White / Light Yellow (wheel slot 1)<br>72–79 Light Yellow / Light Blue (wheel slot 2)<br>80–87 Light Blue / Light Green (wheel slot 3)<br>88–95 Light Green / High Transparent Red (wheel slot 4)<br>96–103 High Transparent Red / Rose-Red (wheel slot 5)<br>104–111 Rose-Red / Blue (wheel slot 6)<br>112–119 Blue / Orange (wheel slot 7)<br>120–127 Orange / White (wheel slot 8)<br>128–190 Slow<br>191–191 Fast<br>192–254 Slow<br>255–255 Fast |
| 9 | Color Wheel 2 | 0 | 0–7 Open (wheel slot 1)<br>8–15 Cool 1 (wheel slot 2)<br>16–23 Cool 2 (wheel slot 3)<br>24–31 Green (wheel slot 4)<br>32–39 UV (wheel slot 5)<br>40–47 Orange (wheel slot 6)<br>48–55 Pink-Purple (wheel slot 7)<br>56–63 Bright Blue (wheel slot 8)<br>64–71 White / Cool 1 (wheel slot 1)<br>72–79 Cool 1 / Cool 2 (wheel slot 2)<br>80–87 Cool 2 / Green (wheel slot 3)<br>88–95 Green / UV (wheel slot 4)<br>96–103 UV / Orange (wheel slot 5)<br>104–111 Orange / Pink-Purple (wheel slot 6)<br>112–119 Pink-Purple / Bright Blue (wheel slot 7)<br>120–127 Bright Blue / White (wheel slot 8)<br>128–190 Slow<br>191–191 Fast<br>192–254 Slow<br>255–255 Fast |

## 18 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Gobo | 0 | 0–7 Open (wheel slot 1)<br>8–15 Gobo 1 (wheel slot 2)<br>16–23 Gobo 2 (wheel slot 3)<br>24–31 Gobo 3 (wheel slot 4)<br>32–39 Gobo 4 (wheel slot 5)<br>40–47 Gobo 5 (wheel slot 6)<br>48–55 Gobo 6 (wheel slot 7)<br>56–63 Gobo 7 (wheel slot 8)<br>64–71 Gobo Shake 7 (wheel slot 8)<br>72–79 Gobo Shake 6 (wheel slot 7)<br>80–87 Gobo Shake 5 (wheel slot 6)<br>88–95 Gobo Shake 4 (wheel slot 5)<br>96–103 Gobo Shake 3 (wheel slot 4)<br>104–111 Gobo Shake 2 (wheel slot 3)<br>112–119 Gobo Shake 1 (wheel slot 2)<br>120–127 NoFeature<br>128–190 Slow<br>191–191 Fast<br>192–254 Slow<br>255–255 Fast |
| **11** | Gobo Rotation | 0 | 0–63 Gobo Index<br>64–146 Slow<br>147–147 Fast<br>148–230 Slow<br>231–231 Fast<br>232–255 Gobo Bouncing |
| **12** | Gobo 2 | 0 | 0–6 Open (wheel slot 1)<br>7–13 Gobo 1 (wheel slot 2)<br>14–20 Gobo 2 (wheel slot 3)<br>21–27 Gobo 3 (wheel slot 4)<br>28–34 Gobo 4 (wheel slot 5)<br>35–41 Gobo 5 (wheel slot 6)<br>42–48 Gobo 6 (wheel slot 7)<br>49–55 Gobo 7 (wheel slot 8)<br>56–63 Gobo 8 (wheel slot 9)<br>64–71 Gobo Shake 8 (wheel slot 9)<br>72–78 Gobo Shake 7 (wheel slot 8)<br>79–85 Gobo Shake 6 (wheel slot 7)<br>86–92 Gobo Shake 5 (wheel slot 6)<br>93–99 Gobo Shake 4 (wheel slot 5)<br>100–106 Gobo Shake 3 (wheel slot 4)<br>107–113 Gobo Shake 2 (wheel slot 3)<br>114–120 Gobo Shake 1 (wheel slot 2)<br>121–127 NoFeature<br>128–190 Slow<br>191–191 Fast<br>192–254 Slow<br>255–255 Fast |
| **13** | Prism | 0 | 0–4 Open<br>5–255 3 Facette (wheel slot 1) |
| **14** | Prism Rotation | 0 | 0–127 Index<br>128–188 Fast<br>189–189 Slow<br>190–193 Stop<br>194–254 Slow<br>255–255 Fast |

### 18 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **15** | Iris | 0 | 0–62 Big<br>63–63 Small<br>64–126 Slow<br>127–127 Fast<br>128–190 Slow<br>191–191 Fast<br>192–254 Slow<br>255–255 Fast |
| **16** | Focus | 0 | |
| **17** | Frost1 | 0 | 0–7 Open<br>8–255 Frost |
| **18** | Control1 | 0 | 0–7 Off<br>8–14 Blackout during Pan/Tilt movement<br>15–23 Blackout during Colorwheel movement<br>24–31 Blackout during Gobowheel movement<br>32–39 Blackout during Pan/Tilt/Colorwheel movement<br>40–47 Blackout during Pan/Tilt/Gobowheel movement<br>48–55 Blackout during Pan/Tilt/Gobowheel /Colorwheel mo…<br>56–87 NoFeature 1<br>88–95 Off<br>96–103 Reset Pan<br>104–111 Reset Tilt<br>112–119 Reset Colorwheel 1<br>120–127 Reset Gobowheel 2<br>128–135 Reset Gobo rotation<br>136–143 Reset Prism<br>144–151 Reset Focus<br>152–159 Reset All<br>160–167 Reset Iris<br>168–175 Reset Frost<br>176–239 Off<br>240–247 XY Smoothing model open<br>248–255 XY Smoothing model to shut down |

## 21 Channel

21 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 128 | |
| **2** | Tilt | 128 | |
| **3** | Pan Fine | 0 | Fine byte of Pan |
| **4** | Tilt Fine | 0 | Fine byte of Tilt |
| **5** | Position MSpeed | 0 | |
| **6** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **7** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **8** | Shutter1Strobe | 4 | 0–3 Closed<br>4–7 Open<br>8–75 Slow<br>76–76 Fast<br>77–144 Slow<br>145–145 Fast<br>146–214 Slow<br>215–215 Fast<br>216–255 NoFeature |

## 21 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **9** | Color Wheel | 0 | 0–7 Open (wheel slot 1)<br>8–15 Light Yellow (wheel slot 2)<br>16–23 Light Blue (wheel slot 3)<br>24–31 Light Green (wheel slot 4)<br>32–39 High Transparent Red (wheel slot 5)<br>40–47 Rose-Red (wheel slot 6)<br>48–55 Blue (wheel slot 7)<br>56–63 Orange (wheel slot 8)<br>64–71 White / Light Yellow (wheel slot 1)<br>72–79 Light Yellow / Light Blue (wheel slot 2)<br>80–87 Light Blue / Light Green (wheel slot 3)<br>88–95 Light Green / High Transparent Red (wheel slot 4)<br>96–103 High Transparent Red / Rose-Red (wheel slot 5)<br>104–111 Rose-Red / Blue (wheel slot 6)<br>112–119 Blue / Orange (wheel slot 7)<br>120–127 Orange / White (wheel slot 8)<br>128–190 Slow<br>191–191 Fast<br>192–254 Slow<br>255–255 Fast |
| **10** | Color Wheel 2 | 0 | 0–7 Open (wheel slot 1)<br>8–15 Cool 1 (wheel slot 2)<br>16–23 Cool 2 (wheel slot 3)<br>24–31 Green (wheel slot 4)<br>32–39 UV (wheel slot 5)<br>40–47 Orange (wheel slot 6)<br>48–55 Pink-Purple (wheel slot 7)<br>56–63 Bright Blue (wheel slot 8)<br>64–71 White / Cool 1 (wheel slot 1)<br>72–79 Cool 1 / Cool 2 (wheel slot 2)<br>80–87 Cool 2 / Green (wheel slot 3)<br>88–95 Green / UV (wheel slot 4)<br>96–103 UV / Orange (wheel slot 5)<br>104–111 Orange / Pink-Purple (wheel slot 6)<br>112–119 Pink-Purple / Bright Blue (wheel slot 7)<br>120–127 Bright Blue / White (wheel slot 8)<br>128–190 Slow<br>191–191 Fast<br>192–254 Slow<br>255–255 Fast |
| **11** | Gobo | 0 | 0–7 Open (wheel slot 1)<br>8–15 Gobo 1 (wheel slot 2)<br>16–23 Gobo 2 (wheel slot 3)<br>24–31 Gobo 3 (wheel slot 4)<br>32–39 Gobo 4 (wheel slot 5)<br>40–47 Gobo 5 (wheel slot 6)<br>48–55 Gobo 6 (wheel slot 7)<br>56–63 Gobo 7 (wheel slot 8)<br>64–71 Gobo Shake 7 (wheel slot 8)<br>72–79 Gobo Shake 6 (wheel slot 7)<br>80–87 Gobo Shake 5 (wheel slot 6)<br>88–95 Gobo Shake 4 (wheel slot 5)<br>96–103 Gobo Shake 3 (wheel slot 4)<br>104–111 Gobo Shake 2 (wheel slot 3)<br>112–119 Gobo Shake 1 (wheel slot 2)<br>120–127 NoFeature<br>128–190 Slow<br>191–191 Fast<br>192–254 Slow<br>255–255 Fast |

## 21 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **12** | Gobo Rotation | 0 | 0–63 Gobo Index<br>64–146 Slow<br>147–147 Fast<br>148–230 Slow<br>231–231 Fast<br>232–255 Gobo Bouncing |
| **13** | Gobo 2 | 0 | 0–6 Open (wheel slot 1)<br>7–13 Gobo 1 (wheel slot 2)<br>14–20 Gobo 2 (wheel slot 3)<br>21–27 Gobo 3 (wheel slot 4)<br>28–34 Gobo 4 (wheel slot 5)<br>35–41 Gobo 5 (wheel slot 6)<br>42–48 Gobo 6 (wheel slot 7)<br>49–55 Gobo 7 (wheel slot 8)<br>56–63 Gobo 8 (wheel slot 9)<br>64–71 Gobo Shake 8 (wheel slot 9)<br>72–78 Gobo Shake 7 (wheel slot 8)<br>79–85 Gobo Shake 6 (wheel slot 7)<br>86–92 Gobo Shake 5 (wheel slot 6)<br>93–99 Gobo Shake 4 (wheel slot 5)<br>100–106 Gobo Shake 3 (wheel slot 4)<br>107–113 Gobo Shake 2 (wheel slot 3)<br>114–120 Gobo Shake 1 (wheel slot 2)<br>121–127 NoFeature<br>128–190 Slow<br>191–191 Fast<br>192–254 Slow<br>255–255 Fast |
| **14** | Prism | 0 | 0–4 Open<br>5–255 3 Facette (wheel slot 1) |
| **15** | Prism Rotation | 0 | 0–127 Index<br>128–188 Fast<br>189–189 Slow<br>190–193 Stop<br>194–254 Slow<br>255–255 Fast |
| **16** | Iris | 0 | 0–62 Big<br>63–63 Small<br>64–126 Slow<br>127–127 Fast<br>128–190 Slow<br>191–191 Fast<br>192–254 Slow<br>255–255 Fast |
| **17** | Focus | 0 | |
| **18** | Frost1 | 0 | 0–7 Open<br>8–255 Frost |

## 21 Channel (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **19** | Control1 | 0 | 0–7 Off<br>8–14 Blackout during Pan/Tilt movement<br>15–23 Blackout during Colorwheel movement<br>24–31 Blackout during Gobowheel movement<br>32–39 Blackout during Pan/Tilt/Colorwheel movement<br>40–47 Blackout during Pan/Tilt/Gobowheel movement<br>48–55 Blackout during Pan/Tilt/Gobowheel /Colorwheel mo...<br>56–87 NoFeature 1<br>88–95 Off<br>96–103 Reset Pan<br>104–111 Reset Tilt<br>112–119 Reset Colorwheel 1<br>120–127 Reset Gobowheel 2<br>128–135 Reset Gobo rotation<br>136–143 Reset Prism<br>144–151 Reset Focus<br>152–159 Reset All<br>160–167 Reset Iris<br>168–175 Reset Frost<br>176–239 Off<br>240–247 XY Smoothing model open<br>248–255 XY Smoothing model to shut down |
| **20** | Effect | 0 | 0–7 Off<br>8–15 Built-in Program 1<br>16–23 Built-in Program 2<br>24–31 Built-in Program 3<br>32–39 Built-in Program 4<br>40–47 Built-in Program 5<br>48–55 Built-in Program 6<br>56–63 Built-in Program 7<br>64–71 Built-in Program 8<br>72–79 Built-in Program 9<br>80–87 Built-in Program 10<br>88–95 Built-in Program 11<br>96–103 Built-in Program 12<br>104–111 Built-in Program 13<br>112–119 Built-in Program 14<br>120–127 Built-in Program 15<br>128–135 Built-in Program 16<br>136–143 Built-in Program 17<br>144–151 Built-in Program 18<br>152–159 Built-in Program 19<br>160–167 Built-in Program 20<br>168–175 Built-in Program 21<br>176–183 Built-in Program 22<br>184–191 Built-in Program 23<br>192–199 Built-in Program 24<br>200–207 Built-in Program 25<br>208–215 Built-in Program 26<br>216–223 Built-in Program 27<br>224–231 Built-in Program 28<br>232–239 Built-in Program 29<br>240–247 Built-in Program 30<br>248–255 Built-in Program 31 |
| **21** | Effect Speed | 0 | 0–254 Fast<br>255–255 Slow |