Favolite

# Vader 700 SLC



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|---|---|
| Manufacturer | **Favolite** |
| Type | **Profile spot** |
| DMX modes | **1** |
| DMX footprint | **40 channels** |
| Beam angle | **6.5-42°** |
| Pan range | **540°** |
| Tilt range | **270°** |
| Size (W × H × D) | **226 × 450 × 266 mm** |
| GDTF fixture type | **F6C4017D-392C-4A85-A0F7-FD…** |

## Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

## Safety-relevant functions

Fixture reset · Service functions

## DMX modes

40Ch — 40 ch

## 40Ch

40 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** | Color Wheel | 0 | 0–7 Open (wheel slot 1)<br>8–15 Red (wheel slot 2)<br>16–23 Yellow (wheel slot 3)<br>24–31 Green (wheel slot 4)<br>32–39 Blue (wheel slot 5)<br>40–47 Orange (wheel slot 6)<br>48–55 Uv (wheel slot 7)<br>56–89 Open (wheel slot 1)<br>90–110 Red (wheel slot 2)<br>111–131 Yellow (wheel slot 3)<br>132–152 Green (wheel slot 4)<br>153–173 Blue (wheel slot 5)<br>174–194 Orange (wheel slot 6)<br>195–215 Uv (wheel slot 7)<br>216–221 Open (wheel slot 1)<br>222–237 CW<br>238–238 Stop<br>239–255 CCW |
| **6** | Cyan | 0 | |
| **7** | Magenta | 0 | |
| **8** | Yellow | 0 | |
| **9** | C TO | 0 | 0–0 Min<br>1–254 >>><br>255–255 Max |
| **10** | Gobo | 0 | 0–7 Open (wheel slot 1)<br>8–15 Gobo F1 (wheel slot 2)<br>16–23 Gobo F2 (wheel slot 3)<br>24–31 Gobo F3 (wheel slot 4)<br>32–39 Gobo F4 (wheel slot 5)<br>40–47 Gobo F5 (wheel slot 6)<br>48–55 Gobo F6 (wheel slot 7)<br>56–63 Gobo F7 (wheel slot 8)<br>64–71 Gobo F8 (wheel slot 9)<br>72–143 Index<br>144–199 CW<br>200–200 Stop<br>201–255 CCW |
| **11** | Gobo 2 | 0 | 0–7 Open (wheel slot 1)<br>8–15 Gobo R1 (wheel slot 2)<br>16–23 Gobo R2 (wheel slot 3)<br>24–31 Gobo R3 (wheel slot 4)<br>32–39 Gobo R4 (wheel slot 5)<br>40–47 Gobo R5 (wheel slot 6)<br>48–55 Gobo R6 (wheel slot 7)<br>56–63 Open (wheel slot 1)<br>64–71 Gobo R1 Shake (wheel slot 2)<br>72–79 Gobo R2 Shake (wheel slot 3)<br>80–87 Gobo R3 Shake (wheel slot 4)<br>88–95 Gobo R4 Shake (wheel slot 5)<br>96–103 Gobo R5 Shake (wheel slot 6)<br>104–111 Gobo R6 Shake (wheel slot 7)<br>112–135 Open (wheel slot 1)<br>136–194 CW<br>195–195 Stop<br>196–255 CCW |

## 40Ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 12 | Gobo Rotation 2 | 62 | 0–61 max CW<br>62–122 zero<br>123–123 max CCW<br>124–186 >>><br>187–187 Stop<br>188–255 <<< |
| 13 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 14 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 15 | Shutter / Strobe | 0 | 0–3 Open<br>4–66 Pulse · min<br>67–67 Pulse · max<br>68–98 PulseClose · min<br>99–99 PulseClose · max<br>100–130 PulseOpen · min<br>131–131 PulseOpen · max<br>132–174 Strobe1 · min<br>175–175 Strobe1 · max<br>176–246 Strobe2 · min<br>247–247 Strobe2 · max<br>248–254 StrobeRandom · min<br>255–255 StrobeRandom · max |
| 16 | Dimmer Mode | 255 | 0–63 Refresh rate 1200 Slow<br>64–127 Refresh rate 1200 Fast<br>128–191 Refresh rate 13672 Slow<br>192–255 Refresh rate 13672 Fast |
| 17 | Prism | 0 | 0–99 Open<br>100–255 prism1 (wheel slot 2) |
| 18 | Prism | 0 | 0–99 Open<br>100–255 prism2 (wheel slot 2) |
| 19 | Prism Rotation | 0 | 0–3 No Rotation<br>4–123 Index<br>124–187 CW<br>188–191 Stop<br>192–255 CCW |
| 20 | Zoom | 0 | 0–126 narrow<br>127–254 normal<br>255–255 wide |
| 21 | Zoom Fine | 0 | Fine byte of Zoom |
| 22 | Focus | 0 | |
| 23 | Focus Fine | 0 | Fine byte of Focus |
| 24 | Iris | 0 | 0–0 open<br>1–127 open to close<br>128–135 Closed<br>136–173 IrisPulseOpen<br>174–211 IrisPulseClosed<br>212–249 IrisPulse<br>250–255 Closed |
| 25 | Frost1 | 0 | 0–9 no effect<br>10–255 frost 0 > 100 |
| 26 | Animation Wheel1 | 0 | 0–7 Animation Off (wheel slot 1)<br>8–255 Animation 0 > 100 (wheel slot 2) |
| 27 | Animation Wheel1Pos Rotate | 255 | 0–7 No Rotation<br>8–127 CW<br>128–135 Stop<br>136–255 CCW |
| 28 | Blade1A | 0 | |

## 40Ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **29** | Blade1B | 0 | |
| **30** | Blade2A | 0 | |
| **31** | Blade2B | 0 | |
| **32** | Blade3A | 0 | |
| **33** | Blade3B | 0 | |
| **34** | Blade4A | 0 | |
| **35** | Blade4B | 0 | |
| **36** | Shaper Rot | 124 | 0–7 No Rotation<br>8–239 Index<br>240–255 Slow To Fast |
| **37** | Shaper Rot Fine | 0 | Fine byte of Shaper Rot |
| **38** | Reserved 38 | 0 | |
| **39** | Position MSpeed | 0 | |
| **40** | Control1 | 0 | 0–19 no function<br>20–29 global reset<br>30–39 Reset: pan / tilt<br>40–49 Reset: Color / CMY / CTO<br>50–59 Reset: Zoom / Focus / Gobo / Prism<br>60–69 Reset: Animation / Iris / Frames<br>70–74 display default<br>75–79 display off(don't Keep after shutdown)<br>80–84 display on(don't Keep after shutdown)<br>85–89 fan speed low(Keep after shutdown)<br>90–94 fan speed medium(Keep after shutdown)<br>95–255 fan speed high(Keep after shutdown) |