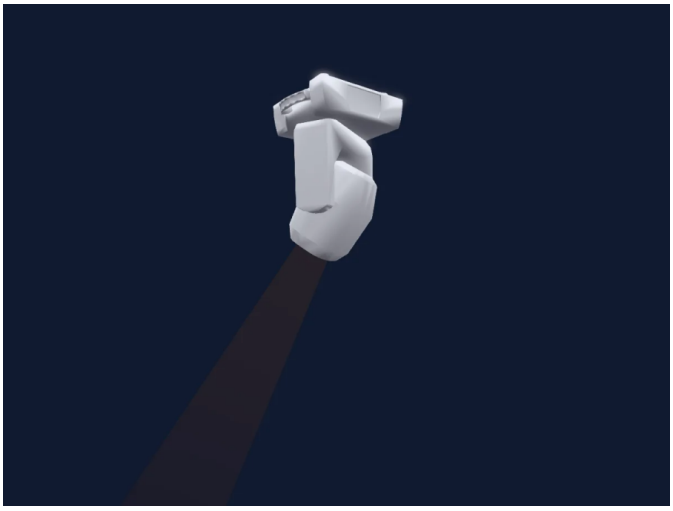
Chauvet Professional

# Rogue R2X Spot



| | |
|---|---|
| Manufacturer | **Chauvet Professional** |
| Type | **Profile spot** |
| DMX modes | **2** |
| DMX footprint | **18, 21 channels** |
| Beam angle | **14°** |
| Pan range | **540°** |
| Tilt range | **250°** |
| Size (W × H × D) | **230 × 268 × 207 mm** |
| GDTF fixture type | **112BD33A-C8F7-11E7-BBED-52…** |

## Controls

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

## Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

## DMX modes

| | |
|---|---|
| 18Ch Mode | 18 ch |
| 21Ch Mode | 21 ch |

## 18Ch Mode

18 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 | Position MSpeed | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| 6 | Dimmer | 0 | |
| 7 | 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 Effect S > F - Strobe Pulse Random<br>146–215 Strobe Random S > F - Strobe Random<br>216–255 Open - Shutter Open |
| 8 | Color Wheel | 0 | 0–7 Open - Color (wheel slot 1)<br>8–15 3200 - Color (wheel slot 2)<br>16–23 5600 - Color (wheel slot 3)<br>24–31 Green - Color (wheel slot 4)<br>32–39 UV - Color (wheel slot 5)<br>40–47 Orange - Color (wheel slot 6)<br>48–55 Pink - Color (wheel slot 7)<br>56–63 Light Blue - Color (wheel slot 8)<br>64–127 Split Colors - Indexing<br>128–191 S > F - Rotate CW<br>192–255 S > F - Rotate CCW |
| 9 | Color Wheel 2 | 0 | 0–7 Open (wheel slot 1)<br>8–15 Yellow (wheel slot 2)<br>16–23 Light Blue (wheel slot 3)<br>24–31 Green (wheel slot 4)<br>32–39 Red (wheel slot 5)<br>40–47 Magenta (wheel slot 6)<br>48–55 Dark Blue (wheel slot 7)<br>56–63 Orange (wheel slot 8)<br>64–127 Split Colors Indexing<br>128–191 Clockwise S>F<br>192–255 CCW F>S |
| 10 | Gobo | 0 | 0–7 Open - Gobo Open (wheel slot 1)<br>8–15 Gobo 1 - Gobo (wheel slot 2)<br>16–23 Gobo 2 - Gobo (wheel slot 3)<br>24–31 Gobo 3 - Gobo (wheel slot 4)<br>32–39 Gobo 4 - Gobo (wheel slot 5)<br>40–47 Gobo 5 - Gobo (wheel slot 6)<br>48–55 Gobo 6 - Gobo (wheel slot 7)<br>56–63 Gobo 7 - Gobo (wheel slot 8)<br>64–119 Gobo 1-7 Shake - Gobo Shake<br>120–127 Open - Gobo Open (wheel slot 1)<br>128–191 S > F - Rotate CW<br>192–255 S > F - Rotate CCW |
| 11 | Gobo Rotation | 0 | 0–63 Indexing - Indexing<br>64–147 S > F - Rotate CW<br>148–231 S > F - Rotate CCW<br>232–255 Boomerang Effect S > F - Gobo Shake |

### 18Ch Mode (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **12** | 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 (wheel slot 9)<br>64–120 Gobo 1-8 Shake - Gobo Shake<br>121–127 Open - Gobo Open (wheel slot 1)<br>128–191 S > F - Rotate CW<br>192–255 S > F - Rotate CCW |
| **13** | Focus | 127 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **14** | Prism | 0 | 0–4 Open - Custom (wheel slot 1)<br>5–255 Prism - Prism (wheel slot 2) |
| **15** | Prism Rotation | 0 | 0–127 Indexing - Indexing<br>128–189 F > S - Rotate CCW<br>190–193 Stop - Stop Loop<br>194–255 S > F - Rotate CW |
| **16** | Iris | 0 | 0–63 Wide > Narrow - Iris<br>64–127 Iris Effect S > F - Iris<br>128–191 Iris Effect In Slow Out Fast - Iris<br>192–255 Iris Effect Out Slow In Fast - Iris |
| **17** | Frost1 | 255 | 0–4 No Function<br>5–255 Frost |
| **18** | Control1 | 0 | 0–7 No Func - Custom<br>8–15 BO During P/T (3Sec Hold) - Blackout<br>16–23 BO While Col Wheel Moving (3Sec Hold) - Blackout<br>24–31 BO While Gobo Wheel Moving (3Sec Hold) - Blackout<br>32–39 BO While P/T Off (3Sec Hold) - Blackout<br>40–47 BO While Col Wheel Off (3Sec Hold) - Blackout<br>48–55 BO While Gobo Wheel Off (3Sec Hold) - Blackout<br>56–95 No Func - Custom<br>96–103 Pan Reset - Reset<br>104–111 Tilt Reset - Reset<br>112–119 Color Wheel Reset - Reset<br>120–127 Gobo Wheel Reset - Reset<br>128–135 Gobo Rotation Reset - Reset<br>136–143 Prism Reset - Reset<br>144–151 Focus Reset - Reset<br>152–159 All Reset - Reset<br>160–167 Iris Reset - Reset<br>168–239 No Func - Custom<br>240–247 P/T Mov Ramp Speed Increase On - Speed<br>248–255 P/T Mov Ramp Speed Increase Off - Speed |

## 21Ch Mode

21 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 |

## 21Ch Mode (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **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>4–7 Open - Shutter Open<br>8–76 Strobe S > F - Strobe<br>77–145 Pulse Effect S > F - Strobe Pulse Random<br>146–215 Strobe Random S > F - Strobe Random<br>216–255 Open - Shutter Open |
| **9** | Color Wheel | 0 | 0–7 Open - Color (wheel slot 1)<br>8–15 3200 - Color (wheel slot 2)<br>16–23 5600 - Color (wheel slot 3)<br>24–31 Green - Color (wheel slot 4)<br>32–39 UV - Color (wheel slot 5)<br>40–47 Orange - Color (wheel slot 6)<br>48–55 Pink - Color (wheel slot 7)<br>56–63 Light Blue - Color (wheel slot 8)<br>64–127 Split Colors - Indexing<br>128–191 S > F - Rotate CW<br>192–255 S > F - Rotate CCW |
| **10** | Color Wheel 2 | 0 | 0–7 Open (wheel slot 1)<br>8–15 Yellow (wheel slot 2)<br>16–23 Light Blue (wheel slot 3)<br>24–31 Green (wheel slot 4)<br>32–39 Red (wheel slot 5)<br>40–47 Magenta (wheel slot 6)<br>48–55 Dark Blue (wheel slot 7)<br>56–63 Orange (wheel slot 8)<br>64–127 Split Colors Indexing<br>128–191 Clockwise S>F<br>192–255 CCW F>S |
| **11** | Gobo | 0 | 0–7 Open - Gobo Open (wheel slot 1)<br>8–15 Gobo 1 - Gobo (wheel slot 2)<br>16–23 Gobo 2 - Gobo (wheel slot 3)<br>24–31 Gobo 3 - Gobo (wheel slot 4)<br>32–39 Gobo 4 - Gobo (wheel slot 5)<br>40–47 Gobo 5 - Gobo (wheel slot 6)<br>48–55 Gobo 6 - Gobo (wheel slot 7)<br>56–63 Gobo 7 - Gobo (wheel slot 8)<br>64–119 Gobo 1-7 Shake - Gobo Shake<br>120–127 Open - Gobo Open (wheel slot 1)<br>128–191 S > F - Rotate CW<br>192–255 S > F - Rotate CCW |
| **12** | Gobo Rotation | 0 | 0–63 Indexing - Indexing<br>64–147 S > F - Rotate CW<br>148–231 S > F - Rotate CCW<br>232–255 Boomerang Effect S > F - Gobo Shake |

## 21Ch Mode (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | 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 (wheel slot 9)<br>64–120 Gobo 1-8 Shake - Gobo Shake<br>121–127 Open - Gobo Open (wheel slot 1)<br>128–191 S > F - Rotate CW<br>192–255 S > F - Rotate CCW |
| **14** | Focus | 127 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **15** | Prism | 0 | 0–4 Open - Custom (wheel slot 1)<br>5–255 Prism - Prism (wheel slot 2) |
| **16** | Prism Rotation | 0 | 0–127 Indexing - Indexing<br>128–189 F > S - Rotate CCW<br>190–193 Stop - Stop Loop<br>194–255 S > F - Rotate CW |
| **17** | Iris | 0 | 0–63 Wide > Narrow - Iris<br>64–127 Iris Effect S > F - Iris<br>128–191 Iris Effect In Slow Out Fast - Iris<br>192–255 Iris Effect Out Slow In Fast - Iris |
| **18** | Frost1 | 255 | 0–4 No Function<br>5–255 Frost |
| **19** | Effect | 0 | 0–7 No Func - Custom<br>8–15 Effect 1 - Macro<br>16–23 Effect 2 - Macro<br>24–31 Effect 3 - Macro<br>32–39 Effect 4 - Macro<br>40–47 Effect 5 - Macro<br>48–55 Effect 6 - Macro<br>56–63 Effect 7 - Macro<br>64–71 Effect 8 - Macro<br>72–79 Effect 9 - Macro<br>80–87 Effect 10 - Macro<br>88–95 Effect 11 - Macro<br>96–103 Effect 12 - Macro<br>104–111 Effect 13 - Macro<br>112–119 Effect 14 - Macro<br>120–127 Effect 15 - Macro<br>128–135 Effect 16 - Macro<br>136–143 Effect 17 - Macro<br>144–151 Effect 18 - Macro<br>152–159 Effect 19 - Macro<br>160–167 Effect 20 - Macro<br>168–175 Effect 21 - Macro<br>176–183 Effect 22 - Macro<br>184–191 Effect 23 - Macro<br>192–199 Effect 24 - Macro<br>200–207 Effect 25 - Macro<br>208–215 Effect 26 - Macro<br>216–223 Effect 27 - Macro<br>224–231 Effect 28 - Macro<br>232–239 Effect 29 - Macro<br>240–247 Effect 30 - Macro<br>248–255 Effect 31 - Macro |

## 21Ch Mode (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **20** | Effect Speed | 0 | 0–0 Min<br>1–254 Min > Max<br>255–255 Max |
| **21** | Control1 | 0 | 0–7 No Func - Custom<br>8–15 BO During P/T (3Sec Hold) - Blackout<br>16–23 BO While Col Wheel Moving (3Sec Hold) - Blackout<br>24–31 BO While Gobo Wheel Moving (3Sec Hold) - Blackout<br>32–39 BO While P/T Off (3Sec Hold) - Blackout<br>40–47 BO While Col Wheel Off (3Sec Hold) - Blackout<br>48–55 BO While Gobo Wheel Off (3Sec Hold) - Blackout<br>56–95 No Func - Custom<br>96–103 Pan Reset - Reset<br>104–111 Tilt Reset - Reset<br>112–119 Color Wheel Reset - Reset<br>120–127 Gobo Wheel Reset - Reset<br>128–135 Gobo Rotation Reset - Reset<br>136–143 Prism Reset - Reset<br>144–151 Focus Reset - Reset<br>152–159 All Reset - Reset<br>160–167 Iris Reset - Reset<br>168–239 No Func - Custom<br>240–247 P/T Mov Ramp Speed Increase On - Speed<br>248–255 P/T Mov Ramp Speed Increase Off - Speed |