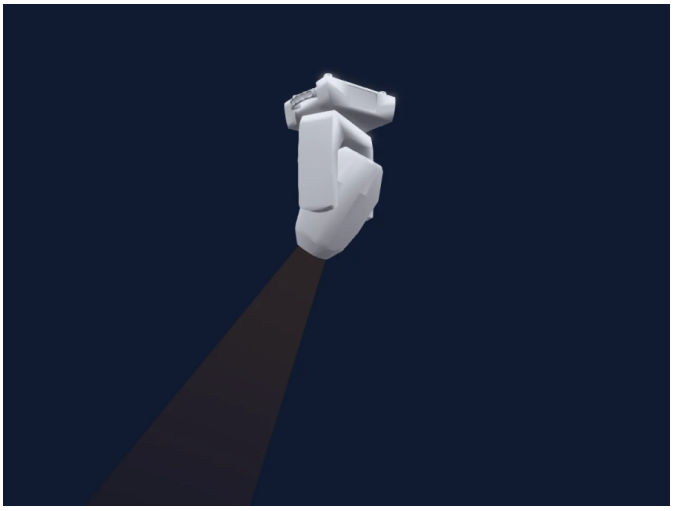
Chauvet Professional

Rogue R3E Spot



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**19, 25 channels**
Beam angle	**12-37°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**266 × 378 × 222 mm**
GDTF fixture type	**3FBAA390-1D28-434B-89ED-EC…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

19Ch Mode	19 ch
25Ch Mode	25 ch

19Ch Mode

19 channels

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–127 Home 128–254 Home > Max 255–255 Max
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–126 Min 127–127 Home 128–254 Home > Max 255–255 Max
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Fast 1–254 Fast > Slow 255–255 Slow
6	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Shutter / Strobe	6	0–3 Closed 4–7 Open 8–8 Sync Strobe Slow 9–75 Sync Strobe S > F 76–76 Sync Strobe Fast 77–77 Pulse Strobe Slow 78–144 Pulse Strobe S > F 145–145 Pulse Strobe Fast 146–146 Random Strobe Slow 147–214 Random Strobe S > F 215–215 Random Strobe Fast 216–255 Open
8	Color Wheel	0	0–6 White (wheel slot 1) 7–13 Yellow (wheel slot 2) 14–20 Light Blue (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 Red (wheel slot 5) 35–41 Magenta (wheel slot 6) 42–48 Dark Blue (wheel slot 7) 49–55 Orange (wheel slot 8) 56–63 Pink (wheel slot 9) 64–71 White + Yellow (wheel slot 1) 72–79 Yellow + Light Blue (wheel slot 1) 80–87 Light Blue + Green (wheel slot 1) 88–95 Green + Red (wheel slot 1) 96–103 Red + Magenta (wheel slot 1) 104–111 Magenta + Dark Blue (wheel slot 1) 112–119 Dark Blue + Orange (wheel slot 1) 120–127 Orange + White (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW

19Ch Mode (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	0	0–6 White (wheel slot 1) 7–13 CTO 3200K (wheel slot 2) 14–20 CTO 5600K (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 UV (wheel slot 5) 35–41 Orange (wheel slot 6) 42–48 Pink (wheel slot 7) 49–55 Light Blue (wheel slot 8) 56–63 Dark Yellow (wheel slot 9) 64–71 White + CTO 3200K (wheel slot 1) 72–79 CTO 3200K + CTO 5600K (wheel slot 1) 80–87 CTO 5600K + Green (wheel slot 1) 88–95 Green + UV (wheel slot 1) 96–103 UV + Orange (wheel slot 1) 104–111 Orange + Pink (wheel slot 1) 112–119 Pink + Light Blue (wheel slot 1) 120–127 Light Blue + White (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
10	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–71 Gobo 7 Shake (wheel slot 8) 72–79 Gobo 6 Shake (wheel slot 7) 80–87 Gobo 5 Shake (wheel slot 6) 88–95 Gobo 4 Shake (wheel slot 5) 96–103 Gobo 3 Shake (wheel slot 4) 104–111 Gobo 2 Shake (wheel slot 3) 112–119 Gobo 1 Shake (wheel slot 2) 120–127 Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
11	Gobo Rotation	0	0–63 Indexing 64–147 S > F - Rotate CW 148–231 S > F - Rotate CCW 232–255 Bounce Effect
12	Gobo 2	0	0–6 Open (wheel slot 1) 7–13 Gobo 1 (wheel slot 2) 14–20 Gobo 2 (wheel slot 3) 21–27 Gobo 3 (wheel slot 4) 28–34 Gobo 4 (wheel slot 5) 35–41 Gobo 5 (wheel slot 6) 42–48 Gobo 6 (wheel slot 7) 49–55 Gobo 7 (wheel slot 8) 56–63 Gobo 8 (wheel slot 9) 64–71 Gobo 8 Shake (wheel slot 9) 72–78 Gobo 7 Shake (wheel slot 8) 79–85 Gobo 6 Shake (wheel slot 7) 86–92 Gobo 5 Shake (wheel slot 6) 93–99 Gobo 4 Shake (wheel slot 5) 100–106 Gobo 3 Shake (wheel slot 4) 107–113 Gobo 2 Shake (wheel slot 3) 114–120 Gobo 1 Shake (wheel slot 2) 121–127 Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW

19Ch Mode (continued)

Ch	Function	Default	DMX values
13	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max
14	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
15	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism Effect (wheel slot 2)
16	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
17	Iris	0	0–63 Big > Small 64–127 Auto Change S > F 128–191 Slow Zoom Out Fast Zoom In (S > F) 192–255 Slow Zoom In Fast Zoom Out (S > F)
18	Frost1	0	0–4 No Function 5–255 Frost Effect
19	Control1	0	0–7 No Function 8–15 BO P/T 16–23 BO Color Wheel 24–31 BO Gobo Wheel 32–39 BO P/T/Color Wheel 40–47 BO P/T/Gobo Wheel 48–55 BO P/T/Gobo Color 56–95 No Function 96–103 Pan Reset 104–111 Tilt Reset 112–119 Color Reset 120–127 Gobo Reset 128–135 No Function 136–143 Prism Reset 144–151 No Function 152–159 All Reset 160–167 Iris Reset 168–175 Frost Reset 176–183 Zoom Reset 184–255 No Function

25Ch Mode

25 channels

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–127 Home 128–254 Home > Max 255–255 Max
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–126 Min 127–127 Home 128–254 Home > Max 255–255 Max
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Fast 1–254 Fast > Slow 255–255 Slow
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer

25Ch Mode (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	6	0–3 Closed 4–7 Open 8–8 Sync Strobe Slow 9–75 Sync Strobe S > F 76–76 Sync Strobe Fast 77–77 Pulse Strobe Slow 78–144 Pulse Strobe S > F 145–145 Pulse Strobe Fast 146–146 Random Strobe Slow 147–214 Random Strobe S > F 215–215 Random Strobe Fast 216–255 Open
9	Color Wheel	0	0–6 White (wheel slot 1) 7–13 Yellow (wheel slot 2) 14–20 Light Blue (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 Red (wheel slot 5) 35–41 Magenta (wheel slot 6) 42–48 Dark Blue (wheel slot 7) 49–55 Orange (wheel slot 8) 56–63 Pink (wheel slot 9) 64–71 White + Yellow (wheel slot 1) 72–79 Yellow + Light Blue (wheel slot 1) 80–87 Light Blue + Green (wheel slot 1) 88–95 Green + Red (wheel slot 1) 96–103 Red + Magenta (wheel slot 1) 104–111 Magenta + Dark Blue (wheel slot 1) 112–119 Dark Blue + Orange (wheel slot 1) 120–127 Orange + White (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
10	Color Wheel 2	0	0–6 White (wheel slot 1) 7–13 CTO 3200K (wheel slot 2) 14–20 CTO 5600K (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 UV (wheel slot 5) 35–41 Orange (wheel slot 6) 42–48 Pink (wheel slot 7) 49–55 Light Blue (wheel slot 8) 56–63 Dark Yellow (wheel slot 9) 64–71 White + CTO 3200K (wheel slot 1) 72–79 CTO 3200K + CTO 5600K (wheel slot 1) 80–87 CTO 5600K + Green (wheel slot 1) 88–95 Green + UV (wheel slot 1) 96–103 UV + Orange (wheel slot 1) 104–111 Orange + Pink (wheel slot 1) 112–119 Pink + Light Blue (wheel slot 1) 120–127 Light Blue + White (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW

25Ch Mode (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–71 Gobo 7 Shake (wheel slot 8) 72–79 Gobo 6 Shake (wheel slot 7) 80–87 Gobo 5 Shake (wheel slot 6) 88–95 Gobo 4 Shake (wheel slot 5) 96–103 Gobo 3 Shake (wheel slot 4) 104–111 Gobo 2 Shake (wheel slot 3) 112–119 Gobo 1 Shake (wheel slot 2) 120–127 Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
12	Gobo Rotation	0	0–63 Indexing 64–147 S > F - Rotate CW 148–231 S > F - Rotate CCW 232–255 Bounce Effect
13	Gobo 2	0	0–6 Open (wheel slot 1) 7–13 Gobo 1 (wheel slot 2) 14–20 Gobo 2 (wheel slot 3) 21–27 Gobo 3 (wheel slot 4) 28–34 Gobo 4 (wheel slot 5) 35–41 Gobo 5 (wheel slot 6) 42–48 Gobo 6 (wheel slot 7) 49–55 Gobo 7 (wheel slot 8) 56–63 Gobo 8 (wheel slot 9) 64–71 Gobo 8 Shake (wheel slot 9) 72–78 Gobo 7 Shake (wheel slot 8) 79–85 Gobo 6 Shake (wheel slot 7) 86–92 Gobo 5 Shake (wheel slot 6) 93–99 Gobo 4 Shake (wheel slot 5) 100–106 Gobo 3 Shake (wheel slot 4) 107–113 Gobo 2 Shake (wheel slot 3) 114–120 Gobo 1 Shake (wheel slot 2) 121–127 Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
14	Focus	127	
15	Focus Fine	255	Fine byte of Focus
16	Focus1Distance	0	0–10 No Function 11–30 0 - 5m 31–50 6m 51–70 7m 71–90 8m 91–110 9m 111–130 10m 131–150 12-5m 151–170 15m 171–190 17-5m 191–210 20-60m 211–255 Auto Focus
17	Zoom	127	0–254 Narrow 255–255 Wide
18	Zoom Fine	255	Fine byte of Zoom

25Ch Mode (continued)

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

25Ch Mode (continued)

Ch	Function	Default	DMX values
25	Control1	0	0–7 No Function 8–15 BO P/T 16–23 BO Color Wheel 24–31 BO Gobo Wheel 32–39 BO P/T/Color Wheel 40–47 BO P/T/Gobo Wheel 48–55 BO P/T/Gobo Color 56–95 No Function 96–103 Pan Reset 104–111 Tilt Reset 112–119 Color Reset 120–127 Gobo Reset 128–135 No Function 136–143 Prism Reset 144–151 No Function 152–159 All Reset 160–167 Iris Reset 168–175 Frost Reset 176–183 Zoom Reset 184–255 No Function