Chauvet Professional

Rogue R1 Spot



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**16, 19 channels**
Beam angle	**16.5°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**4AAF36E6-A8EA-5CF8-8D88-82…**

Controls

Focus · Iris · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

16CH	16 ch
19CH	19 ch

16CH

16 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	Pan Tilt Speed	0	
6	Dimmer	0	
7	Shutter / Strobe	0	0–3 Closed 4–7 Open 8–76 Strobe slow to fast 77–145 Pulse effect slow to fast 146–215 Random effect slow to fast 216–255 Open
8	Color Wheel	0	0–6 Open (wheel slot 1) 7–13 Red (wheel slot 2) 14–20 Orange (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 Yellow (wheel slot 5) 35–41 Blue (wheel slot 6) 42–48 CTO3200K (wheel slot 7) 49–55 Magenta (wheel slot 8) 56–63 Purple (wheel slot 9) 64–127 Split colors 128–191 Clockwise color scroll slow to fast 192–255 Counter-clockwise color scroll slow to fast
9	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo1 (wheel slot 2) 16–23 Gobo2 (wheel slot 3) 24–31 Gobo3 (wheel slot 4) 32–39 Gobo4 (wheel slot 5) 40–47 Gobo5 (wheel slot 6) 48–55 Gobo6 (wheel slot 7) 56–63 Gobo7 (wheel slot 8) 64–119 Gobo shake1–7 slow to fast 120–127 Open (wheel slot 1) 128–191 Clockwise gobo scroll slow to fast 192–255 Counter-clockwise gobo scroll slow to fast
10	Gobo Rotation	0	0–63 Gobo index 64–147 Clockwise rotation slow to fast 148–231 Counter-clockwise rotation slow to fast 232–255 Boomerang effect slow to fast
11	Gobo 2	0	0–6 Open (wheel slot 1) 7–13 Gobo1 (wheel slot 2) 14–20 Gobo2 (wheel slot 3) 21–27 Gobo3 (wheel slot 4) 28–34 Gobo4 (wheel slot 5) 35–41 Gobo5 (wheel slot 6) 42–48 Gobo6 (wheel slot 7) 49–55 Gobo7 (wheel slot 8) 56–63 Gobo8 (wheel slot 9) 64–120 Gobo shake1–8 slow to fast 121–127 Open (wheel slot 1) 128–191 Clockwise gobo scroll slow to fast 192–255 Counter-clockwise gobo scroll slow to fast
12	Focus	0	
13	Prism	0	0–4 No function 5–255 3facet prism (wheel slot 2)

16CH (continued)

Ch	Function	Default	DMX values
14	Prism Rotation	0	0–127 Prism index 128–189 Counter-clockwise rotation fast to slow 190–193 Stop 194–255 Clockwise rotation slow to fast
15	Iris	0	0–63 Wide to narrow 64–127 Iris effect slow to fast 128–191 Iris effect in slow out fast 192–255 Iris effect out slow in fast
16	No Feature	0	0–7 No function 8–15 Blackout during pan tilt 3sec hold 16–23 Blackout while color wheel moving 3sec hold 24–31 Blackout while gobo wheels moving 3sec hold 32–39 Disable pan tilt blackout 3sec hold 40–47 Disable color wheel blackout 3sec hold 48–55 Disable gobo wheel blackout 3sec hold 56–95 No function 96–103 Pan reset 104–111 Tilt reset 112–119 Color wheel reset 120–127 Gobo wheel reset 128–135 Gobo rotation reset 136–143 Prism reset 144–151 Focus reset 152–159 All reset 160–167 Iris reset 168–239 No function 240–247 Pan tilt movement ramp speed increase on 248–255 Pan tilt movement ramp speed increase off

19CH

19 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	Pan Tilt Speed	0	
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	0	0–3 Closed 4–7 Open 8–76 Strobe slow to fast 77–145 Pulse effect slow to fast 146–215 Random effect slow to fast 216–255 Open
9	Color Wheel	0	0–6 Open (wheel slot 1) 7–13 Red (wheel slot 2) 14–20 Orange (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 Yellow (wheel slot 5) 35–41 Blue (wheel slot 6) 42–48 CTO3200K (wheel slot 7) 49–55 Magenta (wheel slot 8) 56–63 Purple (wheel slot 9) 64–127 Split colors 128–191 Clockwise color scroll slow to fast 192–255 Counter-clockwise color scroll slow to fast

19CH (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo1 (wheel slot 2) 16–23 Gobo2 (wheel slot 3) 24–31 Gobo3 (wheel slot 4) 32–39 Gobo4 (wheel slot 5) 40–47 Gobo5 (wheel slot 6) 48–55 Gobo6 (wheel slot 7) 56–63 Gobo7 (wheel slot 8) 64–119 Gobo shake1–7 slow to fast 120–127 Open (wheel slot 1) 128–191 Clockwise gobo scroll slow to fast 192–255 Counter-clockwise gobo scroll slow to fast
11	Gobo Rotation	0	0–63 Gobo index 64–147 Clockwise rotation slow to fast 148–231 Counter-clockwise rotation slow to fast 232–255 Boomerang effect slow to fast
12	Gobo 2	0	0–6 Open (wheel slot 1) 7–13 Gobo1 (wheel slot 2) 14–20 Gobo2 (wheel slot 3) 21–27 Gobo3 (wheel slot 4) 28–34 Gobo4 (wheel slot 5) 35–41 Gobo5 (wheel slot 6) 42–48 Gobo6 (wheel slot 7) 49–55 Gobo7 (wheel slot 8) 56–63 Gobo8 (wheel slot 9) 64–120 Gobo shake1–8 slow to fast 121–127 Open (wheel slot 1) 128–191 Clockwise gobo scroll slow to fast 192–255 Counter-clockwise gobo scroll slow to fast
13	Focus	0	
14	Prism	0	0–4 No function 5–255 3facet prism (wheel slot 2)
15	Prism Rotation	0	0–127 Prism index 128–189 Counter-clockwise rotation fast to slow 190–193 Stop 194–255 Clockwise rotation slow to fast
16	Iris	0	0–63 Wide to narrow 64–127 Iris effect slow to fast 128–191 Iris effect in slow out fast 192–255 Iris effect out slow in fast

19CH (continued)

Ch	Function	Default	DMX values
17	Pan Tilt Macro	0	0–7 No function 8–15 Movement macro Effect1 16–23 Movement macro Effect2 24–31 Movement macro Effect3 32–39 Movement macro Effect4 40–47 Movement macro Effect5 48–55 Movement macro Effect6 56–63 Movement macro Effect7 64–71 Movement macro Effect8 72–79 Movement macro Effect9 80–87 Movement macro Effect10 88–95 Movement macro Effect11 96–103 Movement macro Effect12 104–111 Movement macro Effect13 112–119 Movement macro Effect14 120–127 Movement macro Effect15 128–135 Movement macro Effect16 136–143 Movement macro Effect17 144–151 Movement macro Effect18 152–159 Movement macro Effect19 160–167 Movement macro Effect20 168–175 Movement macro Effect21 176–183 Movement macro Effect22 184–191 Movement macro Effect23 192–199 Movement macro Effect24 200–207 Movement macro Effect25 208–215 Movement macro Effect26 216–223 Movement macro Effect27 224–231 Movement macro Effect28 232–239 Movement macro Effect29 240–247 Movement macro Effect30 248–255 Movement macro Effect31
18	Pan Tilt Macro Speed	0	
19	No Feature	0	0–7 No function 8–15 Blackout during pan tilt 3sec hold 16–23 Blackout while color wheel moving 3sec hold 24–31 Blackout while gobo wheels moving 3sec hold 32–39 Disable pan tilt blackout 3sec hold 40–47 Disable color wheel blackout 3sec hold 48–55 Disable gobo wheel blackout 3sec hold 56–95 No function 96–103 Pan reset 104–111 Tilt reset 112–119 Color wheel reset 120–127 Gobo wheel reset 128–135 Gobo rotation reset 136–143 Prism reset 144–151 Focus reset 152–159 All reset 160–167 Iris reset 168–239 No function 240–247 Pan tilt movement ramp speed increase on 248–255 Pan tilt movement ramp speed increase off

Fixture model: gdtf-chauvet-professional-rogue-r1-spot-2000060105
Original HitLight primitive exterior reconstruction from private manufacturer references. Approximate planning geometry; fine fittings/source ...
Creator: HitLight