Chauvet Professional

Rogue R2 Spot



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**18, 21 channels**
Beam angle	**16.5°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**273 × 350 × 245 mm**
GDTF fixture type	**F10D9A1C-2B70-5B1B-ACF8-9F…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

18CH	18 ch
21CH	21 ch

18CH

18 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 from slow to fast 146–215 Random effect from slow to fast 216–255 Open
8	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Yellow (wheel slot 2) 16–23 Light blue (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Red (wheel slot 5) 40–47 Magenta (wheel slot 6) 48–55 Dark blue (wheel slot 7) 56–63 Orange (wheel slot 8) 64–127 Split colors 128–191 Clockwise color scroll, slow to fast 192–255 Counter-clockwise color scroll, slow to fast
9	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–15 CTO 3200 K (wheel slot 2) 16–23 CTO 5600 K (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 UV (wheel slot 5) 40–47 Orange (wheel slot 6) 48–55 Pink (wheel slot 7) 56–63 Light blue (wheel slot 8) 64–127 Split colors 128–191 Clockwise color scroll, slow to fast 192–255 Counter-clockwise color scroll, slow to fast
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) 64–119 Gobo shake 1–7, 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

18CH (continued)

Ch	Function	Default	DMX values
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) 64–120 Gobo shake 1–8, 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 (wheel slot 1) 5–255 Prism insert (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
17	Frost1	0	0–7 No function 8–255 Frost effect
18	Control	0	0–7 No function 8–15 Blackout during pan/tilt (3 sec hold) 16–23 Blackout while color wheel moving (3 sec hold) 24–31 Blackout while gobo wheels moving (3 sec hold) 32–39 Disable pan/tilt blackout (3 sec hold) 40–47 Disable color wheel blackout (3 sec hold) 48–55 Disable gobo wheel blackout (3 sec 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

21CH

21 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

21CH (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	0	0–3 Closed 4–7 Open 8–76 Strobe slow to fast 77–145 Pulse effect from slow to fast 146–215 Random effect from slow to fast 216–255 Open
9	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Yellow (wheel slot 2) 16–23 Light blue (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Red (wheel slot 5) 40–47 Magenta (wheel slot 6) 48–55 Dark blue (wheel slot 7) 56–63 Orange (wheel slot 8) 64–127 Split colors 128–191 Clockwise color scroll, slow to fast 192–255 Counter-clockwise color scroll, slow to fast
10	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–15 CTO 3200 K (wheel slot 2) 16–23 CTO 5600 K (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 UV (wheel slot 5) 40–47 Orange (wheel slot 6) 48–55 Pink (wheel slot 7) 56–63 Light blue (wheel slot 8) 64–127 Split colors 128–191 Clockwise color scroll, slow to fast 192–255 Counter-clockwise color scroll, slow to fast
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) 64–119 Gobo shake 1–7, 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
12	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
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) 64–120 Gobo shake 1–8, 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
14	Focus	0	
15	Prism	0	0–4 No function (wheel slot 1) 5–255 Prism insert (wheel slot 2)

21CH (continued)

Ch	Function	Default	DMX values
16	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
17	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
18	Frost1	0	0–7 No function 8–255 Frost effect
19	Effect	0	0–7 No function 8–15 Effect 1 16–23 Effect 2 24–31 Effect 3 32–39 Effect 4 40–47 Effect 5 48–55 Effect 6 56–63 Effect 7 64–71 Effect 8 72–79 Effect 9 80–87 Effect 10 88–95 Effect 11 96–103 Effect 12 104–111 Effect 13 112–119 Effect 14 120–127 Effect 15 128–135 Effect 16 136–143 Effect 17 144–151 Effect 18 152–159 Effect 19 160–167 Effect 20 168–175 Effect 21 176–183 Effect 22 184–191 Effect 23 192–199 Effect 24 200–207 Effect 25 208–215 Effect 26 216–223 Effect 27 224–231 Effect 28 232–239 Effect 29 240–247 Effect 30 248–255 Effect 31
20	Effect Speed	0	

21CH (continued)

Ch	Function	Default	DMX values
21	Control	0	0–7 No function 8–15 Blackout during pan/tilt (3 sec hold) 16–23 Blackout while color wheel moving (3 sec hold) 24–31 Blackout while gobo wheels moving (3 sec hold) 32–39 Disable pan/tilt blackout (3 sec hold) 40–47 Disable color wheel blackout (3 sec hold) 48–55 Disable gobo wheel blackout (3 sec 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-r2-spot-2611020306
Original HitLight primitive exterior reconstruction from private manufacturer references. Approximate planning geometry. No imported third-p...
Creator: HitLight