Chauvet Professional

Rogue R1 Wash



Manufacturer	**Chauvet Professional**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**14, 15, 19, 21 channels**
Beam angle	**8-30°**
Pan range	**540°**
Tilt range	**230°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**0631E511-30DC-5653-A569-9F…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

14CH	14 ch
15CH	15 ch
19CH	19 ch
21CH	21 ch

14CH

14 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	20	0–19 Closed 20–24 Open 25–64 Strobe Fast to slow 65–69 Open 70–84 Fast on/ramp off 85–89 Open 90–104 Ramp off/fast on 105–109 Open 110–124 Random 125–129 Open 130–144 Random fast on/ramp off 145–149 Open 150–164 Random slow on/fast off 165–169 Open 170–184 Pulse 185–189 Open 190–204 Random pulse 205–209 Open 210–224 Fade on/off 225–229 Open 230–244 Pulse 245–255 Open
8	Red	0	
9	Green	0	
10	Blue	0	
11	White	0	

14CH (continued)

Ch	Function	Default	DMX values
12	Color Macro1	0	0–4 Open 5–9 Color 1 10–14 Color 2 15–19 Color 3 20–24 Color 4 25–29 Color 5 30–34 Color 6 35–39 Color 7 40–44 Color 8 45–49 Color 9 50–54 Color 10 55–59 Color 11 60–64 Color 12 65–69 Color 13 70–74 Color 14 75–79 Color 15 80–84 Color 16 85–89 Color 17 90–94 Color 18 95–99 Color 19 100–104 Color 20 105–109 Color 21 110–114 Color 22 115–119 Color 23 120–124 Color 24 125–129 Color 25 130–134 Color 26 135–139 Color 27 140–144 Color 28 145–149 Color 29 150–154 Color 30 155–159 Color 31 160–164 Color 32 165–169 Color 33 170–174 Color 34 175–179 Closed 180–201 Clockwise color scroll, fast to slow 202–207 Stop on current color 208–229 Counter-clockwise color scroll, fast to slow 230–234 Closed 235–249 Color scroll 250–255 Closed
13	Zoom	0	

14CH (continued)

Ch	Function	Default	DMX values
14	Control	0	0–9 No function 10–14 Blackout during pan/tilt (5 s activation delay) 15–19 No function 20–24 No function 25–29 No function 30–34 No function 35–39 No function 40–44 No function 45–49 No function 50–54 Pan reset (5 s activation delay) 55–59 Tilt reset (5 s activation delay) 60–64 Zoom reset (5 s activation delay) 65–69 No function 70–74 All reset (5 s activation delay) 75–79 No function 80–84 Pan/Tilt movement reverse (5 s activation delay) 85–89 Pan movement reverse (5 s activation delay) 90–94 Tilt movement reverse (5 s activation delay) 95–99 Disable Pan movement reverse (5 s activation delay) 100–104 Disable Tilt movement reverse (5 s activation delay) 105–109 Disable Pan/Tilt movement reverse (5 s activation … 110–114 No function 115–119 No function 120–124 Eco fan (5 s activation delay) 125–129 Full fan (5 s activation delay) 130–134 Auto fan (5 s activation delay) 135–139 Fast dimmer curve (5 s activation delay) 140–144 Smooth dimmer curve (5 s activation delay) 145–255 No function

15CH

15 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

15CH (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	20	0–19 Closed 20–24 Open 25–64 Strobe Fast to slow 65–69 Open 70–84 Fast on/ramp off 85–89 Open 90–104 Ramp off/fast on 105–109 Open 110–124 Random 125–129 Open 130–144 Random fast on/ramp off 145–149 Open 150–164 Random slow on/fast off 165–169 Open 170–184 Pulse 185–189 Open 190–204 Random pulse 205–209 Open 210–224 Fade on/off 225–229 Open 230–244 Pulse 245–255 Open
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	

15CH (continued)

Ch	Function	Default	DMX values
13	Color Macro1	0	0–4 Open 5–9 Color 1 10–14 Color 2 15–19 Color 3 20–24 Color 4 25–29 Color 5 30–34 Color 6 35–39 Color 7 40–44 Color 8 45–49 Color 9 50–54 Color 10 55–59 Color 11 60–64 Color 12 65–69 Color 13 70–74 Color 14 75–79 Color 15 80–84 Color 16 85–89 Color 17 90–94 Color 18 95–99 Color 19 100–104 Color 20 105–109 Color 21 110–114 Color 22 115–119 Color 23 120–124 Color 24 125–129 Color 25 130–134 Color 26 135–139 Color 27 140–144 Color 28 145–149 Color 29 150–154 Color 30 155–159 Color 31 160–164 Color 32 165–169 Color 33 170–174 Color 34 175–179 Closed 180–201 Clockwise color scroll, fast to slow 202–207 Stop on current color 208–229 Counter-clockwise color scroll, fast to slow 230–234 Closed 235–249 Color scroll 250–255 Closed
14	Zoom	0	

15CH (continued)

Ch	Function	Default	DMX values
15	Control	0	0–9 No function 10–14 Blackout during pan/tilt (5 s activation delay) 15–19 No function 20–24 No function 25–29 No function 30–34 No function 35–39 No function 40–44 No function 45–49 No function 50–54 Pan reset (5 s activation delay) 55–59 Tilt reset (5 s activation delay) 60–64 Zoom reset (5 s activation delay) 65–69 No function 70–74 All reset (5 s activation delay) 75–79 No function 80–84 Pan/Tilt movement reverse (5 s activation delay) 85–89 Pan movement reverse (5 s activation delay) 90–94 Tilt movement reverse (5 s activation delay) 95–99 Disable Pan movement reverse (5 s activation delay) 100–104 Disable Tilt movement reverse (5 s activation delay) 105–109 Disable Pan/Tilt movement reverse (5 s activation … 110–114 No function 115–119 No function 120–124 Eco fan (5 s activation delay) 125–129 Full fan (5 s activation delay) 130–134 Auto fan (5 s activation delay) 135–139 Fast dimmer curve (5 s activation delay) 140–144 Smooth dimmer curve (5 s activation delay) 145–255 No function

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

19CH (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	20	0–19 Closed 20–24 Open 25–64 Strobe Fast to slow 65–69 Open 70–84 Fast on/ramp off 85–89 Open 90–104 Ramp off/fast on 105–109 Open 110–124 Random 125–129 Open 130–144 Random fast on/ramp off 145–149 Open 150–164 Random slow on/fast off 165–169 Open 170–184 Pulse 185–189 Open 190–204 Random pulse 205–209 Open 210–224 Fade on/off 225–229 Open 230–244 Pulse 245–255 Open
9	Red	0	
10	Red Fine	0	Fine byte of Red
11	Green	0	
12	Green Fine	0	Fine byte of Green
13	Blue	0	
14	Blue Fine	0	Fine byte of Blue
15	White	0	
16	White Fine	0	Fine byte of White

19CH (continued)

Ch	Function	Default	DMX values
17	Color Macro1	0	0–4 Open 5–9 Color 1 10–14 Color 2 15–19 Color 3 20–24 Color 4 25–29 Color 5 30–34 Color 6 35–39 Color 7 40–44 Color 8 45–49 Color 9 50–54 Color 10 55–59 Color 11 60–64 Color 12 65–69 Color 13 70–74 Color 14 75–79 Color 15 80–84 Color 16 85–89 Color 17 90–94 Color 18 95–99 Color 19 100–104 Color 20 105–109 Color 21 110–114 Color 22 115–119 Color 23 120–124 Color 24 125–129 Color 25 130–134 Color 26 135–139 Color 27 140–144 Color 28 145–149 Color 29 150–154 Color 30 155–159 Color 31 160–164 Color 32 165–169 Color 33 170–174 Color 34 175–179 Closed 180–201 Clockwise color scroll, fast to slow 202–207 Stop on current color 208–229 Counter-clockwise color scroll, fast to slow 230–234 Closed 235–249 Color scroll 250–255 Closed
18	Zoom	0	

19CH (continued)

Ch	Function	Default	DMX values
19	Control	0	0–9 No function 10–14 Blackout during pan/tilt (5 s activation delay) 15–19 No function 20–24 No function 25–29 No function 30–34 No function 35–39 No function 40–44 No function 45–49 No function 50–54 Pan reset (5 s activation delay) 55–59 Tilt reset (5 s activation delay) 60–64 Zoom reset (5 s activation delay) 65–69 No function 70–74 All reset (5 s activation delay) 75–79 No function 80–84 Pan/Tilt movement reverse (5 s activation delay) 85–89 Pan movement reverse (5 s activation delay) 90–94 Tilt movement reverse (5 s activation delay) 95–99 Disable Pan movement reverse (5 s activation delay) 100–104 Disable Tilt movement reverse (5 s activation delay) 105–109 Disable Pan/Tilt movement reverse (5 s activation … 110–114 No function 115–119 No function 120–124 Eco fan (5 s activation delay) 125–129 Full fan (5 s activation delay) 130–134 Auto fan (5 s activation delay) 135–139 Fast dimmer curve (5 s activation delay) 140–144 Smooth dimmer curve (5 s activation delay) 145–255 No function

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	20	0–19 Closed 20–24 Open 25–64 Strobe Fast to slow 65–69 Open 70–84 Fast on/ramp off 85–89 Open 90–104 Ramp off/fast on 105–109 Open 110–124 Random 125–129 Open 130–144 Random fast on/ramp off 145–149 Open 150–164 Random slow on/fast off 165–169 Open 170–184 Pulse 185–189 Open 190–204 Random pulse 205–209 Open 210–224 Fade on/off 225–229 Open 230–244 Pulse 245–255 Open
9	Red	0	
10	Red Fine	0	Fine byte of Red
11	Green	0	
12	Green Fine	0	Fine byte of Green
13	Blue	0	
14	Blue Fine	0	Fine byte of Blue
15	White	0	
16	White Fine	0	Fine byte of White

21CH (continued)

Ch	Function	Default	DMX values
17	Color Macro1	0	0–4 Open 5–9 Color 1 10–14 Color 2 15–19 Color 3 20–24 Color 4 25–29 Color 5 30–34 Color 6 35–39 Color 7 40–44 Color 8 45–49 Color 9 50–54 Color 10 55–59 Color 11 60–64 Color 12 65–69 Color 13 70–74 Color 14 75–79 Color 15 80–84 Color 16 85–89 Color 17 90–94 Color 18 95–99 Color 19 100–104 Color 20 105–109 Color 21 110–114 Color 22 115–119 Color 23 120–124 Color 24 125–129 Color 25 130–134 Color 26 135–139 Color 27 140–144 Color 28 145–149 Color 29 150–154 Color 30 155–159 Color 31 160–164 Color 32 165–169 Color 33 170–174 Color 34 175–179 Closed 180–201 Clockwise color scroll, fast to slow 202–207 Stop on current color 208–229 Counter-clockwise color scroll, fast to slow 230–234 Closed 235–249 Color scroll 250–255 Closed
18	Zoom	0	
19	Effect 2	0	0–7 No function 8–23 Effect 1 24–39 Effect 2 40–55 Effect 3 56–71 Effect 4 72–87 Effect 5 88–103 Effect 6 104–119 Effect 7 120–135 Effect 8 136–151 Effect 9 152–167 Effect 10 168–183 Effect 11 184–199 Effect 12 200–215 Effect 13 216–231 Effect 14 232–247 Effect 15 248–255 Effect 16
20	Effect Speed 2	0	

21CH (continued)

Ch	Function	Default	DMX values
21	Control	0	0–9 No function 10–14 Blackout during pan/tilt (5 s activation delay) 15–19 No function 20–24 No function 25–29 No function 30–34 No function 35–39 No function 40–44 No function 45–49 No function 50–54 Pan reset (5 s activation delay) 55–59 Tilt reset (5 s activation delay) 60–64 Zoom reset (5 s activation delay) 65–69 No function 70–74 All reset (5 s activation delay) 75–79 No function 80–84 Pan/Tilt movement reverse (5 s activation delay) 85–89 Pan movement reverse (5 s activation delay) 90–94 Tilt movement reverse (5 s activation delay) 95–99 Disable Pan movement reverse (5 s activation delay) 100–104 Disable Tilt movement reverse (5 s activation delay) 105–109 Disable Pan/Tilt movement reverse (5 s activation … 110–114 No function 115–119 No function 120–124 Eco fan (5 s activation delay) 125–129 Full fan (5 s activation delay) 130–134 Auto fan (5 s activation delay) 135–139 Fast dimmer curve (5 s activation delay) 140–144 Smooth dimmer curve (5 s activation delay) 145–255 No function

Fixture model: gdtf-chauvet-professional-rogue-r1-wash-2000060108
Original HitLight primitive exterior reconstruction from private manufacturer references. Approximate planning geometry; fine fittings/source …
Creator: HitLight