Chauvet Professional

Rogue R3 Beam



Manufacturer	**Chauvet Professional**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 19 channels**
Beam angle	**5°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**217 × 337 × 206 mm**
GDTF fixture type	**A8B10BFE-E79E-49F3-B447-13…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Built-in effect programmes

DMX modes

16Ch Mode	16 ch
19Ch Mode	19 ch

16Ch Mode

16 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	
6	Dimmer	0	
7	Shutter / Strobe	12	0–7 Shutter Closed - Shutter Closed 8–15 Shutter Open - Shutter Open 16–131 Sync Strobe S > F - Strobe 132–167 Fast Close Slow Open S > F - Strobe Pulse Closed 168–203 Slow Close Fast Open S > F - Strobe Pulse Open 204–239 Pulse Strobe S > F - Strobe Pulse Random 240–250 Strobe Random S > F - Strobe Random 251–255 Shutter Open - Shutter Open
8	Color Wheel	0	0–4 Open - Color (wheel slot 1) 5–8 Red - Color (wheel slot 2) 9–12 Deep Yellow - Color (wheel slot 3) 13–16 Cyan - Color (wheel slot 4) 17–20 Light Green - Color (wheel slot 5) 21–24 Light Yellow - Color (wheel slot 6) 25–28 Lavender - Color (wheel slot 7) 29–32 Pink - Color (wheel slot 8) 33–36 Yellow - Color (wheel slot 9) 37–40 Magenta - Color (wheel slot 10) 41–44 Light Blue - Color (wheel slot 11) 45–48 Amber - Color (wheel slot 12) 49–52 5600K - CTO (wheel slot 13) 53–56 6500K - CTO (wheel slot 14) 57–60 UV - Color (wheel slot 15) 61–127 Split Colors - Indexing 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CCW

16Ch Mode (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–3 Gobo Open - Gobo Open (wheel slot 1) 4–6 Gobo 1 - Gobo (wheel slot 2) 7–9 Gobo 2 - Gobo (wheel slot 3) 10–12 Gobo 3 - Gobo (wheel slot 4) 13–15 Gobo 4 - Gobo (wheel slot 5) 16–18 Gobo 5 - Gobo (wheel slot 6) 19–21 Gobo 6 - Gobo (wheel slot 7) 22–24 Gobo 7 - Gobo (wheel slot 8) 25–27 Gobo 8 - Gobo (wheel slot 9) 28–30 Gobo 9 - Gobo (wheel slot 10) 31–33 Gobo 10 - Gobo (wheel slot 11) 34–36 Gobo 11 - Gobo (wheel slot 12) 37–39 Gobo 12 - Gobo (wheel slot 13) 40–42 Gobo 13 - Gobo (wheel slot 14) 43–45 Gobo 14 - Gobo (wheel slot 15) 46–48 Gobo 15 - Gobo (wheel slot 16) 49–51 Gobo 16 - Gobo (wheel slot 17) 52–55 Gobo 17 - Gobo (wheel slot 18) 56–59 Gobo Open - Gobo Open (wheel slot 1) 60–63 Gobo 1 Shake - Gobo Shake (wheel slot 2) 64–67 Gobo 2 Shake - Gobo Shake (wheel slot 3) 68–71 Gobo 3 Shake - Gobo Shake (wheel slot 4) 72–75 Gobo 4 Shake - Gobo Shake (wheel slot 5) 76–79 Gobo 5 Shake - Gobo Shake (wheel slot 6) 80–83 Gobo 6 Shake - Gobo Shake (wheel slot 7) 84–87 Gobo 7 Shake - Gobo Shake (wheel slot 8) 88–91 Gobo 8 Shake - Gobo Shake (wheel slot 9) 92–95 Gobo 9 Shake - Gobo Shake (wheel slot 10) 96–99 Gobo 10 Shake - Gobo Shake (wheel slot 10) 100–103 Gobo 11 Shake - Gobo Shake (wheel slot 12) 104–107 Gobo 12 Shake - Gobo Shake (wheel slot 13) 108–111 Gobo 13 Shake - Gobo Shake (wheel slot 14) 112–115 Gobo 14 Shake - Gobo Shake (wheel slot 15) 116–119 Gobo 15 Shake - Gobo Shake (wheel slot 16) 120–123 Gobo 16 Shake - Gobo Shake (wheel slot 17) 124–127 Gobo 17 Shake - Gobo Shake (wheel slot 18) 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CCW
10	Prism	5	0–4 No Func - Custom (wheel slot 1) 5–255 Prism Insert - Prism (wheel slot 2)
11	Prism Rotation	0	0–127 Indexing - Indexing 128–189 F > S - Rotate CCW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CW
12	Prism	5	0–4 No Func - Custom (wheel slot 1) 5–255 Prism Insert - Prism (wheel slot 2)
13	Prism Rotation	0	0–127 Indexing - Indexing 128–189 F > S - Rotate CCW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CW
14	Frost1	0	
15	Focus	127	

16Ch Mode (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–69 No Func - Custom 70–79 Enable P/T Blackout - Blackout 80–89 Disable P/T Blackout - Blackout 90–99 Enable BO While Color Wheel Is Moving - Blackout 100–109 Disable Color Wheel Blackout - Blackout 110–119 Enable BO While Gobo Wheel Is Moving - Blackout 120–129 Disable Gobo Wheel Blackout - Blackout 130–139 Lamp On - Lamp on 140–149 P/T Reset - Reset 150–159 Col Wheel Reset - Reset 160–169 Gobo Wheel Reset - Reset 170–179 Shutter/Prism Reset - Reset 180–189 No Function - Custom 190–199 Focus Reset - Reset 200–209 All Reset - Reset 210–219 Enable Blackout All Func During P/T - Blackout 220–229 Disable Blackout All Func During P/T - Blackout 230–239 Lamp Off - Lamp off 240–255 No Function - Custom

19Ch Mode

19 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	
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	12	0–7 Shutter Closed - Shutter Closed 8–15 Shutter Open - Shutter Open 16–131 Sync Strobe S > F - Strobe 132–167 Fast Close Slow Open S > F - Strobe Pulse Closed 168–203 Slow Close Fast Open S > F - Strobe Pulse Open 204–239 Pulse Strobe S > F - Strobe Pulse Random 240–250 Strobe Random S > F - Strobe Random 251–255 Shutter Open - Shutter Open
9	Color Wheel	0	0–4 Open - Color (wheel slot 1) 5–8 Red - Color (wheel slot 2) 9–12 Deep Yellow - Color (wheel slot 3) 13–16 Cyan - Color (wheel slot 4) 17–20 Light Green - Color (wheel slot 5) 21–24 Light Yellow - Color (wheel slot 6) 25–28 Lavender - Color (wheel slot 7) 29–32 Pink - Color (wheel slot 8) 33–36 Yellow - Color (wheel slot 9) 37–40 Magenta - Color (wheel slot 10) 41–44 Light Blue - Color (wheel slot 11) 45–48 Amber - Color (wheel slot 12) 49–52 5600K - CTO (wheel slot 13) 53–56 6500K - CTO (wheel slot 14) 57–60 UV - Color (wheel slot 15) 61–127 Split Colors - Indexing 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CCW

19Ch Mode (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–3 Gobo Open - Gobo Open (wheel slot 1) 4–6 Gobo 1 - Gobo (wheel slot 2) 7–9 Gobo 2 - Gobo (wheel slot 3) 10–12 Gobo 3 - Gobo (wheel slot 4) 13–15 Gobo 4 - Gobo (wheel slot 5) 16–18 Gobo 5 - Gobo (wheel slot 6) 19–21 Gobo 6 - Gobo (wheel slot 7) 22–24 Gobo 7 - Gobo (wheel slot 8) 25–27 Gobo 8 - Gobo (wheel slot 9) 28–30 Gobo 9 - Gobo (wheel slot 10) 31–33 Gobo 10 - Gobo (wheel slot 11) 34–36 Gobo 11 - Gobo (wheel slot 12) 37–39 Gobo 12 - Gobo (wheel slot 13) 40–42 Gobo 13 - Gobo (wheel slot 14) 43–45 Gobo 14 - Gobo (wheel slot 15) 46–48 Gobo 15 - Gobo (wheel slot 16) 49–51 Gobo 16 - Gobo (wheel slot 17) 52–55 Gobo 17 - Gobo (wheel slot 18) 56–59 Gobo Open - Gobo Open (wheel slot 1) 60–63 Gobo 1 Shake - Gobo Shake (wheel slot 2) 64–67 Gobo 2 Shake - Gobo Shake (wheel slot 3) 68–71 Gobo 3 Shake - Gobo Shake (wheel slot 4) 72–75 Gobo 4 Shake - Gobo Shake (wheel slot 5) 76–79 Gobo 5 Shake - Gobo Shake (wheel slot 6) 80–83 Gobo 6 Shake - Gobo Shake (wheel slot 7) 84–87 Gobo 7 Shake - Gobo Shake (wheel slot 8) 88–91 Gobo 8 Shake - Gobo Shake (wheel slot 9) 92–95 Gobo 9 Shake - Gobo Shake (wheel slot 10) 96–99 Gobo 10 Shake - Gobo Shake (wheel slot 10) 100–103 Gobo 11 Shake - Gobo Shake (wheel slot 12) 104–107 Gobo 12 Shake - Gobo Shake (wheel slot 13) 108–111 Gobo 13 Shake - Gobo Shake (wheel slot 14) 112–115 Gobo 14 Shake - Gobo Shake (wheel slot 15) 116–119 Gobo 15 Shake - Gobo Shake (wheel slot 16) 120–123 Gobo 16 Shake - Gobo Shake (wheel slot 17) 124–127 Gobo 17 Shake - Gobo Shake (wheel slot 18) 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CCW
11	Prism	5	0–4 No Func - Custom (wheel slot 1) 5–255 Prism Insert - Prism (wheel slot 2)
12	Prism Rotation	0	0–127 Indexing - Indexing 128–189 F > S - Rotate CCW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CW
13	Prism	5	0–4 No Func - Custom (wheel slot 1) 5–255 Prism Insert - Prism (wheel slot 2)
14	Prism Rotation	0	0–127 Indexing - Indexing 128–189 F > S - Rotate CCW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CW
15	Frost1	0	
16	Focus	127	

19Ch Mode (continued)

Ch	Function	Default	DMX values
17	Effect	0	0–7 No Func - Custom 8–15 Macro 1 - Macro 16–23 Macro 2 - Macro 24–31 Macro 3 - Macro 32–39 Macro 4 - Macro 40–47 Macro 5 - Macro 48–55 Macro 6 - Macro 56–63 Macro 7 - Macro 64–71 Macro 8 - Macro 72–79 Macro 9 - Macro 80–87 Macro 10 - Macro 88–95 Macro 11 - Macro 96–103 Macro 12 - Macro 104–111 Macro 13 - Macro 112–119 Macro 14 - Macro 120–127 Macro 15 - Macro 128–135 Macro 16 - Macro 136–143 Macro 17 - Macro 144–151 Macro 18 - Macro 152–159 Macro 19 - Macro 160–167 Macro 20 - Macro 168–175 Macro 21 - Macro 176–183 Macro 22 - Macro 184–191 Macro 23 - Macro 192–199 Macro 24 - Macro 200–207 Macro 25 - Macro 208–215 Macro 26 - Macro 216–223 Macro 27 - Macro 224–231 Macro 28 - Macro 232–239 Macro 29 - Macro 240–247 Macro 30 - Macro 248–255 Macro 31 - Macro
18	Effect Speed	0	
19	Control1	0	0–69 No Func - Custom 70–79 Enable P/T Blackout - Blackout 80–89 Disable P/T Blackout - Blackout 90–99 Enable BO While Color Wheel Is Moving - Blackout 100–109 Disable Color Wheel Blackout - Blackout 110–119 Enable BO While Gobo Wheel Is Moving - Blackout 120–129 Disable Gobo Wheel Blackout - Blackout 130–139 Lamp On - Lamp on 140–149 P/T Reset - Reset 150–159 Col Wheel Reset - Reset 160–169 Gobo Wheel Reset - Reset 170–179 Shutter/Prism Reset - Reset 180–189 No Function - Custom 190–199 Focus Reset - Reset 200–209 All Reset - Reset 210–219 Enable Blackout All Func During P/T - Blackout 220–229 Disable Blackout All Func During P/T - Blackout 230–239 Lamp Off - Lamp off 240–255 No Function - Custom