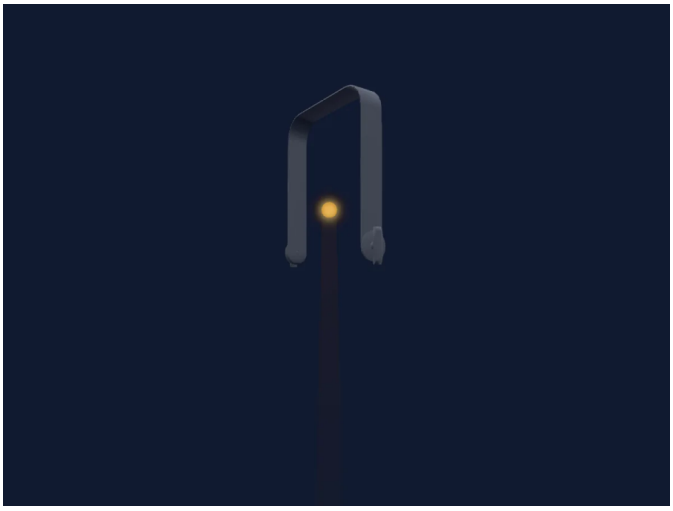
Chauvet Professional

COLORado 3 Quad Zoom



Manufacturer	**Chauvet Professional**
Type	**Effect light**
DMX modes	**8**
DMX footprint	**1, 5, 7, 11, 12, 13, 16 channels**
Beam angle	**3.58°**
Size (W × H × D)	**278 × 303 × 50 mm**
GDTF fixture type	**9763DE8E-2928-42A7-85B7-DC…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

1CH	1 ch
5CH 1	5 ch
5CH 2	5 ch
7CH	7 ch
11CH	11 ch
12CH	12 ch
13CH	13 ch
16CH	16 ch

1CH

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min<Max 255–255 Max

5CH 1

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min<Max 255–255 Max
2	Color Macro1	0	0–5 No Function (wheel slot 1) 6–13 C3050-Md Yellow (wheel slot 2) 14–21 C3040-Lt Yellow (wheel slot 3) 22–28 C3240-Amb Yellow (wheel slot 4) 29–35 C2340-VLt Amber (wheel slot 5) 36–43 C2040-Lt Amber (wheel slot 6) 44–51 C2050-Md Amber (wheel slot 7) 52–59 C2060-Dk Amber (wheel slot 8) 60–67 C1050-Lt Red (wheel slot 9) 68–75 C1080-Md Red (wheel slot 10) 76–83 C1020-NC Pink (wheel slot 11) 84–91 C1030-Md Pink (wheel slot 12) 92–99 C1630-Dk Pink (wheel slot 13) 100–107 C1250-Md Red Amber (wheel slot 14) 108–115 C1060-Dk Red Amber (wheel slot 15) 116–121 C1650-Magenta (wheel slot 16) 122–130 C6170-Dk Magenta (wheel slot 17) 131–138 C6020-Lt Lavender (wheel slot 18) 139–146 C5030-Lt Blue (wheel slot 19) 147–154 C5020-VLt Blue (wheel slot 20) 155–162 C5430-Lt Blue2 (wheel slot 21) 163–170 C5070-Blue (wheel slot 22) 171–178 C5050-Md Blue (wheel slot 23) 179–186 C5060-Dk Blue (wheel slot 24) 187–194 C5690-Indigo (wheel slot 25) 195–202 C5080-VDk Blue (wheel slot 26) 203–210 C5081-VdK Blue2 (wheel slot 27) 211–218 C4370-Yel Green (wheel slot 28) 219–226 C4070-Green (wheel slot 29) 227–234 C4550-Turquoise (wheel slot 30) 235–242 C4560-Aqua (wheel slot 31) 243–250 C4570-Blue Green (wheel slot 32) 251–255 No Function (wheel slot 33)

5CH 1 (continued)

Ch	Function	Default	DMX values
3	C TO	0	0–5 No Function (wheel slot 1) 6–13 2800K - 2900K (wheel slot 2) 14–20 2900K - 3000K (wheel slot 3) 21–27 3000K - 3100K (wheel slot 4) 28–34 3100K - 3200K (wheel slot 5) 35–41 3200K - 3300K (wheel slot 6) 42–48 3300K - 3400K (wheel slot 7) 49–55 3400K - 3500K (wheel slot 8) 56–62 3500K - 3600K (wheel slot 9) 63–69 3600K - 3700K (wheel slot 10) 70–76 3700K - 3800K (wheel slot 11) 77–83 3800K - 3900K (wheel slot 12) 84–90 3900K - 4000K (wheel slot 13) 91–97 4000K - 4100K (wheel slot 14) 98–104 4100K - 4200K (wheel slot 15) 105–111 4200K - 4300K (wheel slot 16) 112–118 4300K - 4400K (wheel slot 17) 119–125 4400K - 4500K (wheel slot 18) 126–132 4500K - 4600K (wheel slot 19) 133–139 4600K - 4700K (wheel slot 20) 140–146 4700K - 4800K (wheel slot 21) 147–153 4800K - 4900K (wheel slot 22) 154–160 4900K - 5000K (wheel slot 23) 161–167 5000K - 5100K (wheel slot 24) 168–174 5100K - 5200K (wheel slot 25) 175–181 5200K - 5300K (wheel slot 26) 182–188 5300K - 5400K (wheel slot 27) 189–195 5400K - 5500K (wheel slot 28) 196–202 5500K - 5600K (wheel slot 29) 203–209 5600K - 5700K (wheel slot 30) 210–216 5700K - 6000K (wheel slot 31) 217–223 6000K - 6500K (wheel slot 32) 224–230 6500K - 7000K (wheel slot 33) 231–237 7000K - 7500K (wheel slot 34) 238–244 7500K - 8000K (wheel slot 35) 245–255 8000K (wheel slot 36)
4	Hue	0	0–0 0 1–1 -25 2–254 -25<25 255–255 25
5	Zoom	0	0–0 Min 1–254 Min<Max 255–255 Max

5CH 2

5 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min<Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min<Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min<Max 255–255 Max
4	Color Add GY	255	0–0 Min 1–254 Min<Max 255–255 Max

5CH 2 (continued)

Ch	Function	Default	DMX values
5	Zoom	0	0–0 Min 1–254 Min<Max 255–255 Max

7CH

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min<Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min<Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min<Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min<Max 255–255 Max
5	Color Add GY	255	0–0 Min 1–254 Min<Max 255–255 Max
6	Shutter / Strobe	0	0–10 No Function 11–11 Strobe · slow 0 Hz 12–254 Strobe · slow to fast 0.123–29.9 Hz 255–255 Strobe · fast 30 Hz
7	Zoom	0	0–0 Min 1–254 Min<Max 255–255 Max

11CH

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min<Max 255–255 Max
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min<Max 255–255 Max
4	Green	255	0–0 Min 1–254 Min<Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min<Max 255–255 Max
6	Color Add GY	255	0–0 Min 1–254 Min<Max 255–255 Max
7	Shutter / Strobe	0	0–10 No Function 11–11 Strobe · slow 0 Hz 12–254 Strobe · slow to fast 0.123–29.9 Hz 255–255 Strobe · fast 30 Hz

11CH (continued)

Ch	Function	Default	DMX values
8	Color Macro1	0	0–5 No Function (wheel slot 1) 6–13 C3050-Md Yellow (wheel slot 2) 14–21 C3040-Lt Yellow (wheel slot 3) 22–28 C3240-Amb Yellow (wheel slot 4) 29–35 C2340-VLt Amber (wheel slot 5) 36–43 C2040-Lt Amber (wheel slot 6) 44–51 C2050-Md Amber (wheel slot 7) 52–59 C2060-Dk Amber (wheel slot 8) 60–67 C1050-Lt Red (wheel slot 9) 68–75 C1080-Md Red (wheel slot 10) 76–83 C1020-NC Pink (wheel slot 11) 84–91 C1030-Md Pink (wheel slot 12) 92–99 C1630-Dk Pink (wheel slot 13) 100–107 C1250-Md Red Amber (wheel slot 14) 108–115 C1060-Dk Red Amber (wheel slot 15) 116–121 C1650-Magenta (wheel slot 16) 122–130 C6170-Dk Magenta (wheel slot 17) 131–138 C6020-Lt Lavender (wheel slot 18) 139–146 C5030-Lt Blue (wheel slot 19) 147–154 C5020-VLt Blue (wheel slot 20) 155–162 C5430-Lt Blue2 (wheel slot 21) 163–170 C5070-Blue (wheel slot 22) 171–178 C5050-Md Blue (wheel slot 23) 179–186 C5060-Dk Blue (wheel slot 24) 187–194 C5690-Indigo (wheel slot 25) 195–202 C5080-VDk Blue (wheel slot 26) 203–210 C5081-VdK Blue2 (wheel slot 27) 211–218 C4370-Yel Green (wheel slot 28) 219–226 C4070-Green (wheel slot 29) 227–234 C4550-Turquoise (wheel slot 30) 235–242 C4560-Aqua (wheel slot 31) 243–250 C4570-Blue Green (wheel slot 32) 251–255 No Function (wheel slot 33)

11CH (continued)

Ch	Function	Default	DMX values
9	C TO	0	0–5 No Function (wheel slot 1) 6–13 2800K - 2900K (wheel slot 2) 14–20 2900K - 3000K (wheel slot 3) 21–27 3000K - 3100K (wheel slot 4) 28–34 3100K - 3200K (wheel slot 5) 35–41 3200K - 3300K (wheel slot 6) 42–48 3300K - 3400K (wheel slot 7) 49–55 3400K - 3500K (wheel slot 8) 56–62 3500K - 3600K (wheel slot 9) 63–69 3600K - 3700K (wheel slot 10) 70–76 3700K - 3800K (wheel slot 11) 77–83 3800K - 3900K (wheel slot 12) 84–90 3900K - 4000K (wheel slot 13) 91–97 4000K - 4100K (wheel slot 14) 98–104 4100K - 4200K (wheel slot 15) 105–111 4200K - 4300K (wheel slot 16) 112–118 4300K - 4400K (wheel slot 17) 119–125 4400K - 4500K (wheel slot 18) 126–132 4500K - 4600K (wheel slot 19) 133–139 4600K - 4700K (wheel slot 20) 140–146 4700K - 4800K (wheel slot 21) 147–153 4800K - 4900K (wheel slot 22) 154–160 4900K - 5000K (wheel slot 23) 161–167 5000K - 5100K (wheel slot 24) 168–174 5100K - 5200K (wheel slot 25) 175–181 5200K - 5300K (wheel slot 26) 182–188 5300K - 5400K (wheel slot 27) 189–195 5400K - 5500K (wheel slot 28) 196–202 5500K - 5600K (wheel slot 29) 203–209 5600K - 5700K (wheel slot 30) 210–216 5700K - 6000K (wheel slot 31) 217–223 6000K - 6500K (wheel slot 32) 224–230 6500K - 7000K (wheel slot 33) 231–237 7000K - 7500K (wheel slot 34) 238–244 7500K - 8000K (wheel slot 35) 245–255 8000K (wheel slot 36)
10	Hue	0	0–0 0 1–1 -25 2–254 -25<25 255–255 25
11	Zoom	0	0–0 Min 1–254 Min<Max 255–255 Max

12CH

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add GY	255	
10	Color Add GY Fine	255	Fine byte of Color Add GY

12CH (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	0	0–10 No Function 11–11 Strobe · slow 0 Hz 12–254 Strobe · slow to fast 0.123–29.9 Hz 255–255 Strobe · fast 30 Hz
12	Zoom	0	0–0 Min 1–254 Min<Max 255–255 Max

13CH

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min<Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min<Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min<Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min<Max 255–255 Max
5	Color Add GY	255	0–0 Min 1–254 Min<Max 255–255 Max
6	Shutter / Strobe	0	0–10 No Function 11–11 Strobe · slow 0 Hz 12–254 Strobe · slow to fast 0.123–29.9 Hz 255–255 Strobe · fast 30 Hz

13CH (continued)

Ch	Function	Default	DMX values
7	Color Macro1	0	0–5 No Function (wheel slot 1) 6–13 C3050-Md Yellow (wheel slot 2) 14–21 C3040-Lt Yellow (wheel slot 3) 22–28 C3240-Amb Yellow (wheel slot 4) 29–35 C2340-VLt Amber (wheel slot 5) 36–43 C2040-Lt Amber (wheel slot 6) 44–51 C2050-Md Amber (wheel slot 7) 52–59 C2060-Dk Amber (wheel slot 8) 60–67 C1050-Lt Red (wheel slot 9) 68–75 C1080-Md Red (wheel slot 10) 76–83 C1020-NC Pink (wheel slot 11) 84–91 C1030-Md Pink (wheel slot 12) 92–99 C1630-Dk Pink (wheel slot 13) 100–107 C1250-Md Red Amber (wheel slot 14) 108–115 C1060-Dk Red Amber (wheel slot 15) 116–121 C1650-Magenta (wheel slot 16) 122–130 C6170-Dk Magenta (wheel slot 17) 131–138 C6020-Lt Lavender (wheel slot 18) 139–146 C5030-Lt Blue (wheel slot 19) 147–154 C5020-VLt Blue (wheel slot 20) 155–162 C5430-Lt Blue2 (wheel slot 21) 163–170 C5070-Blue (wheel slot 22) 171–178 C5050-Md Blue (wheel slot 23) 179–186 C5060-Dk Blue (wheel slot 24) 187–194 C5690-Indigo (wheel slot 25) 195–202 C5080-VDk Blue (wheel slot 26) 203–210 C5081-VdK Blue2 (wheel slot 27) 211–218 C4370-Yel Green (wheel slot 28) 219–226 C4070-Green (wheel slot 29) 227–234 C4550-Turquoise (wheel slot 30) 235–242 C4560-Aqua (wheel slot 31) 243–250 C4570-Blue Green (wheel slot 32) 251–255 No Function (wheel slot 33)

13CH (continued)

Ch	Function	Default	DMX values
8	C TO	0	0–5 No Function (wheel slot 1) 6–13 2800K - 2900K (wheel slot 2) 14–20 2900K - 3000K (wheel slot 3) 21–27 3000K - 3100K (wheel slot 4) 28–34 3100K - 3200K (wheel slot 5) 35–41 3200K - 3300K (wheel slot 6) 42–48 3300K - 3400K (wheel slot 7) 49–55 3400K - 3500K (wheel slot 8) 56–62 3500K - 3600K (wheel slot 9) 63–69 3600K - 3700K (wheel slot 10) 70–76 3700K - 3800K (wheel slot 11) 77–83 3800K - 3900K (wheel slot 12) 84–90 3900K - 4000K (wheel slot 13) 91–97 4000K - 4100K (wheel slot 14) 98–104 4100K - 4200K (wheel slot 15) 105–111 4200K - 4300K (wheel slot 16) 112–118 4300K - 4400K (wheel slot 17) 119–125 4400K - 4500K (wheel slot 18) 126–132 4500K - 4600K (wheel slot 19) 133–139 4600K - 4700K (wheel slot 20) 140–146 4700K - 4800K (wheel slot 21) 147–153 4800K - 4900K (wheel slot 22) 154–160 4900K - 5000K (wheel slot 23) 161–167 5000K - 5100K (wheel slot 24) 168–174 5100K - 5200K (wheel slot 25) 175–181 5200K - 5300K (wheel slot 26) 182–188 5300K - 5400K (wheel slot 27) 189–195 5400K - 5500K (wheel slot 28) 196–202 5500K - 5600K (wheel slot 29) 203–209 5600K - 5700K (wheel slot 30) 210–216 5700K - 6000K (wheel slot 31) 217–223 6000K - 6500K (wheel slot 32) 224–230 6500K - 7000K (wheel slot 33) 231–237 7000K - 7500K (wheel slot 34) 238–244 7500K - 8000K (wheel slot 35) 245–255 8000K (wheel slot 36)
9	Hue	0	0–0 0 1–1 -25 2–254 -25<25 255–255 25
10	Effect	0	0–10 No Function 11–60 Auto Program 1 61–110 Auto Program 2 111–160 Auto Program 3 161–210 Auto Program 4 211–255 Auto Program 5
11	Effect Speed	0	0–0 slow 1–254 slow to fast 255–255 fast

13CH (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–7 No Function 8–15 Dimmer Reset 16–23 Red Shift ON 24–31 Red Shift OFF 32–39 S-Curve 40–47 Linear 48–55 Square 56–63 Inverse Square 64–71 Dimmer Mode Off 72–79 Dimmer Mode 1 80–87 Dimmer Mode 2 88–95 Dimmer Mode 3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–135 X-Fade Speed: OFF 136–143 X-Fade Speed: 1 144–151 X-Fade Speed: 2 152–159 X-Fade Speed: 3 160–167 X-Fade Speed: 4 168–172 750Hz 173–177 1200 Hz 178–182 2000 Hz 183–187 4000 Hz 188–192 6000 Hz 193–197 25000HZ 198–200 Future Use 201–220 Motor Reset 221–255 No Function
13	Zoom	0	0–0 Min 1–254 Min<Max 255–255 Max

16CH

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add GY	255	
10	Color Add GY Fine	255	Fine byte of Color Add GY
11	Shutter / Strobe	0	0–10 No Function 11–11 Strobe · slow 0 Hz 12–254 Strobe · slow to fast 0.123–29.9 Hz 255–255 Strobe · fast 30 Hz

16CH (continued)

Ch	Function	Default	DMX values
12	Color Macro1	0	0–5 No Function (wheel slot 1) 6–13 C3050-Md Yellow (wheel slot 2) 14–21 C3040-Lt Yellow (wheel slot 3) 22–28 C3240-Amb Yellow (wheel slot 4) 29–35 C2340-VLt Amber (wheel slot 5) 36–43 C2040-Lt Amber (wheel slot 6) 44–51 C2050-Md Amber (wheel slot 7) 52–59 C2060-Dk Amber (wheel slot 8) 60–67 C1050-Lt Red (wheel slot 9) 68–75 C1080-Md Red (wheel slot 10) 76–83 C1020-NC Pink (wheel slot 11) 84–91 C1030-Md Pink (wheel slot 12) 92–99 C1630-Dk Pink (wheel slot 13) 100–107 C1250-Md Red Amber (wheel slot 14) 108–115 C1060-Dk Red Amber (wheel slot 15) 116–121 C1650-Magenta (wheel slot 16) 122–130 C6170-Dk Magenta (wheel slot 17) 131–138 C6020-Lt Lavender (wheel slot 18) 139–146 C5030-Lt Blue (wheel slot 19) 147–154 C5020-VLt Blue (wheel slot 20) 155–162 C5430-Lt Blue2 (wheel slot 21) 163–170 C5070-Blue (wheel slot 22) 171–178 C5050-Md Blue (wheel slot 23) 179–186 C5060-Dk Blue (wheel slot 24) 187–194 C5690-Indigo (wheel slot 25) 195–202 C5080-VDk Blue (wheel slot 26) 203–210 C5081-VdK Blue2 (wheel slot 27) 211–218 C4370-Yel Green (wheel slot 28) 219–226 C4070-Green (wheel slot 29) 227–234 C4550-Turquoise (wheel slot 30) 235–242 C4560-Aqua (wheel slot 31) 243–250 C4570-Blue Green (wheel slot 32) 251–255 No Function (wheel slot 33)

16CH (continued)

Ch	Function	Default	DMX values
13	C TO	0	0–5 No Function (wheel slot 1) 6–13 2800K - 2900K (wheel slot 2) 14–20 2900K - 3000K (wheel slot 3) 21–27 3000K - 3100K (wheel slot 4) 28–34 3100K - 3200K (wheel slot 5) 35–41 3200K - 3300K (wheel slot 6) 42–48 3300K - 3400K (wheel slot 7) 49–55 3400K - 3500K (wheel slot 8) 56–62 3500K - 3600K (wheel slot 9) 63–69 3600K - 3700K (wheel slot 10) 70–76 3700K - 3800K (wheel slot 11) 77–83 3800K - 3900K (wheel slot 12) 84–90 3900K - 4000K (wheel slot 13) 91–97 4000K - 4100K (wheel slot 14) 98–104 4100K - 4200K (wheel slot 15) 105–111 4200K - 4300K (wheel slot 16) 112–118 4300K - 4400K (wheel slot 17) 119–125 4400K - 4500K (wheel slot 18) 126–132 4500K - 4600K (wheel slot 19) 133–139 4600K - 4700K (wheel slot 20) 140–146 4700K - 4800K (wheel slot 21) 147–153 4800K - 4900K (wheel slot 22) 154–160 4900K - 5000K (wheel slot 23) 161–167 5000K - 5100K (wheel slot 24) 168–174 5100K - 5200K (wheel slot 25) 175–181 5200K - 5300K (wheel slot 26) 182–188 5300K - 5400K (wheel slot 27) 189–195 5400K - 5500K (wheel slot 28) 196–202 5500K - 5600K (wheel slot 29) 203–209 5600K - 5700K (wheel slot 30) 210–216 5700K - 6000K (wheel slot 31) 217–223 6000K - 6500K (wheel slot 32) 224–230 6500K - 7000K (wheel slot 33) 231–237 7000K - 7500K (wheel slot 34) 238–244 7500K - 8000K (wheel slot 35) 245–255 8000K (wheel slot 36)
14	Hue	0	0–0 0 1–1 -25 2–254 -25<25 255–255 25

16CH (continued)

Ch	Function	Default	DMX values
15	Control1	0	0–7 No Function 8–15 Dimmer Reset 16–23 Red Shift ON 24–31 Red Shift OFF 32–39 S-Curve 40–47 Linear 48–55 Square 56–63 Inverse Square 64–71 Dimmer Mode Off 72–79 Dimmer Mode 1 80–87 Dimmer Mode 2 88–95 Dimmer Mode 3 96–103 Fan Auto 104–111 Fan On 112–119 Fan Off 120–127 Fan Silent 128–135 X-Fade Speed: OFF 136–143 X-Fade Speed: 1 144–151 X-Fade Speed: 2 152–159 X-Fade Speed: 3 160–167 X-Fade Speed: 4 168–172 750Hz 173–177 1200 Hz 178–182 2000 Hz 183–187 4000 Hz 188–192 6000 Hz 193–197 25000HZ 198–200 Future Use 201–220 Motor Reset 221–255 No Function
16	Zoom	0	0–0 Min 1–254 Min<Max 255–255 Max