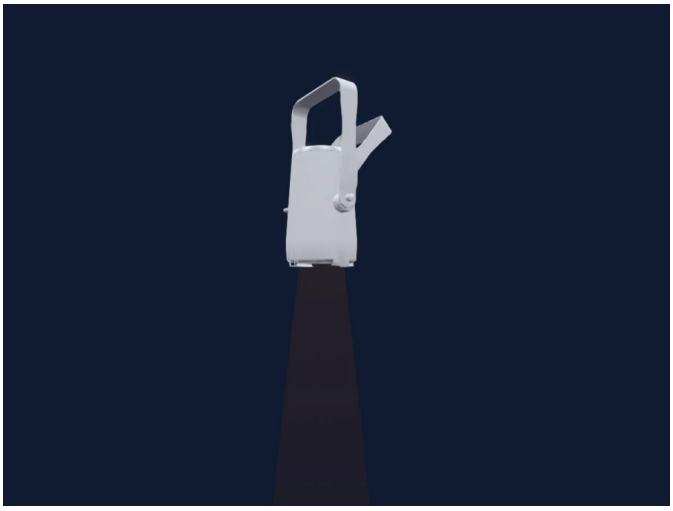
Chauvet Professional

COLORado M Solo



Manufacturer	**Chauvet Professional**
Type	**Effect light**
DMX modes	**5**
DMX footprint	**9, 12, 17 channels**
Beam angle	**4-24°**
Size (W × H × D)	**186 × 227 × 140 mm**
GDTF fixture type	**828658FC-7EAE-47FE-9290-29B…**

Controls

Zoom · Extra LED colours · Hue and saturation · RGB colour mixing · Colour wheel · Effect speed · Strobe · Dimmer

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

HSIC	9 ch
SSP	9 ch
TOUR	12 ch
STD Y	17 ch
TR16	17 ch

HSIC

9 channels

Ch	Function	Default	DMX values
1	H SBBrightness	0	0–0 Min 1–254 Min > Max 255–255 Max
2	H SBHue	255	
3	H SBHue Fine	255	Fine byte of H SBHue
4	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
5	Color Macro1	0	0–10 No Func - Custom 11–30 R:100% G:0-100% B:0 - Color (wheel slot 1) 31–50 R:100%-0 G:100% B:0 - Color (wheel slot 2) 51–70 R:0 G:100% B:0-100% - Color (wheel slot 3) 71–90 R:0 G:100%-0 B:100% - Color (wheel slot 4) 91–110 R:0-100% G:0 B:100% - Color (wheel slot 5) 111–130 R:100% G:0 B:100%-0 - Color (wheel slot 6) 131–150 R:100% G:0-100% B:0-100% - Color (wheel slot 7) 151–170 R:100%-0 G:100%-0 B:100% - Color (wheel slot 8) 171–195 RGBW:100% - Color (wheel slot 9) 196–200 White 1 - Color (wheel slot 10) 201–205 White 2 - Color (wheel slot 11) 206–210 White 3 - Color (wheel slot 12) 211–215 White 4 - Color (wheel slot 13) 216–220 White 5 - Color (wheel slot 14) 221–225 White 6 - Color (wheel slot 15) 226–230 White 7 - Color (wheel slot 16) 231–235 White 8 - Color (wheel slot 17) 236–240 White 9 - Color (wheel slot 18) 241–245 White 10 - Color (wheel slot 19) 246–250 White 11 - Color (wheel slot 20) 251–255 White 12 - Color (wheel slot 21)
6	Shutter / Strobe	0	0–9 No Func - Custom 10–99 S > F - Strobe 100–109 No Func - Custom 110–179 Lighting Effect S > F - Strobe 180–189 No Func - Custom 190–255 Strobe Random - Strobe Random
7	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
8	Zoom Mode	0	0–200 No Func - Custom 201–220 Zoom Reset - Reset 221–255 No Func - Custom
9	Intensity MSpeed	0	0–9 Preset Dim Spd Fr Disp Menu - Speed 10–29 Linear Dimmer - Dimmer 30–69 Nonlinear Dim Curve 1 (Fastest) - Speed 70–129 Nonlinear Dim Curve 2 - Speed 130–189 Nonlinear Dim Curve 3 - Speed 190–255 Nonlinear Dim Curve 4 (Slowest) - Speed

SSP

9 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

SSP (continued)

Ch	Function	Default	DMX values
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	White	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	0	0–9 No Func - Custom 10–99 S > F - Strobe 100–109 No Func - Custom 110–179 Lighting Effect S > F - Strobe 180–189 No Func - Custom 190–255 Strobe Random - Strobe Random
7	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
8	Zoom Mode	0	0–200 No Func - Custom 201–220 Zoom Reset - Reset 221–255 No Func - Custom
9	Intensity MSpeed	0	0–9 Preset Dim Spd Fr Disp Menu - Speed 10–29 Linear Dimmer - Dimmer 30–69 Nonlinear Dim Curve 1 (Fastest) - Speed 70–129 Nonlinear Dim Curve 2 - Speed 130–189 Nonlinear Dim Curve 3 - Speed 190–255 Nonlinear Dim Curve 4 (Slowest) - Speed

TOUR

12 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	White	255	0–0 Min 1–254 Min > Max 255–255 Max

TOUR (continued)

Ch	Function	Default	DMX values
6	Color Macro1	0	0–10 No Func - Custom 11–30 R:100% G:0-100% B:0 - Color (wheel slot 1) 31–50 R:100%-0 G:100% B:0 - Color (wheel slot 2) 51–70 R:0 G:100% B:0-100% - Color (wheel slot 3) 71–90 R:0 G:100%-0 B:100% - Color (wheel slot 4) 91–110 R:0-100% G:0 B:100% - Color (wheel slot 5) 111–130 R:100% G:0 B:100%-0 - Color (wheel slot 6) 131–150 R:100% G:0-100% B:0-100% - Color (wheel slot 7) 151–170 R:100%-0 G:100%-0 B:100% - Color (wheel slot 8) 171–195 RGBW:100% - Color (wheel slot 9) 196–200 White 1 - Color (wheel slot 10) 201–205 White 2 - Color (wheel slot 11) 206–210 White 3 - Color (wheel slot 12) 211–215 White 4 - Color (wheel slot 13) 216–220 White 5 - Color (wheel slot 14) 221–225 White 6 - Color (wheel slot 15) 226–230 White 7 - Color (wheel slot 16) 231–235 White 8 - Color (wheel slot 17) 236–240 White 9 - Color (wheel slot 18) 241–245 White 10 - Color (wheel slot 19) 246–250 White 11 - Color (wheel slot 20) 251–255 White 12 - Color (wheel slot 21)
7	Shutter / Strobe	0	0–9 No Func - Custom 10–99 S > F - Strobe 100–109 No Func - Custom 110–179 Lighting Effect S > F - Strobe 180–189 No Func - Custom 190–255 Strobe Random - Strobe Random
8	Effect	0	0–40 No Func - Custom 41–50 Auto 1 - Custom 51–60 Auto 2 - Custom 61–70 Auto 3 - Custom 71–80 Auto 4 - Custom 81–90 Auto 5 - Custom 91–100 Auto 6 - Custom 101–110 Auto 7 - Custom 111–120 Auto 8 - Custom 121–130 Auto 9 - Custom 131–140 Auto 10 - Custom 141–150 Custom 1 - Custom 151–160 Custom 2 - Custom 161–170 Custom 3 - Custom 171–180 Custom 4 - Custom 181–190 Custom 5 - Custom 191–200 Custom 6 - Custom 201–210 Custom 7 - Custom 211–220 Custom 8 - Custom 221–230 Custom 9 - Custom 231–255 Custom 10 - Custom
9	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
10	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
11	Zoom Mode	0	0–200 No Func - Custom 201–220 Zoom Reset - Reset 221–255 No Func - Custom

TOUR (continued)

Ch	Function	Default	DMX values
12	Intensity MSpeed	0	0–9 Preset Dim Spd Fr Disp Menu - Speed 10–29 Linear Dimmer - Dimmer 30–69 Nonlinear Dim Curve 1 (Fastest) - Speed 70–129 Nonlinear Dim Curve 2 - Speed 130–189 Nonlinear Dim Curve 3 - Speed 190–255 Nonlinear Dim Curve 4 (Slowest) - Speed

STD Y

17 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	White	255	
10	White Fine	255	Fine byte of White
11	Color Macro1	0	0–10 No Func - Custom 11–30 R:100% G:0-100% B:0 - Color (wheel slot 1) 31–50 R:100%-0 G:100% B:0 - Color (wheel slot 2) 51–70 R:0 G:100% B:0-100% - Color (wheel slot 3) 71–90 R:0 G:100%-0 B:100% - Color (wheel slot 4) 91–110 R:0-100% G:0 B:100% - Color (wheel slot 5) 111–130 R:100% G:0 B:100%-0 - Color (wheel slot 6) 131–150 R:100% G:0-100% B:0-100% - Color (wheel slot 7) 151–170 R:100%-0 G:100%-0 B:100% - Color (wheel slot 8) 171–195 RGBW:100% - Color (wheel slot 9) 196–200 White 1 - Color (wheel slot 10) 201–205 White 2 - Color (wheel slot 11) 206–210 White 3 - Color (wheel slot 12) 211–215 White 4 - Color (wheel slot 13) 216–220 White 5 - Color (wheel slot 14) 221–225 White 6 - Color (wheel slot 15) 226–230 White 7 - Color (wheel slot 16) 231–235 White 8 - Color (wheel slot 17) 236–240 White 9 - Color (wheel slot 18) 241–245 White 10 - Color (wheel slot 19) 246–250 White 11 - Color (wheel slot 20) 251–255 White 12 - Color (wheel slot 21)
12	Shutter / Strobe	0	0–9 No Func - Custom 10–99 S > F - Strobe 100–109 No Func - Custom 110–179 Lighting Effect S > F - Strobe 180–189 No Func - Custom 190–255 Strobe Random - Strobe Random

STD Y (continued)

Ch	Function	Default	DMX values
13	Effect	0	0–40 No Func - Custom 41–50 Auto 1 - Custom 51–60 Auto 2 - Custom 61–70 Auto 3 - Custom 71–80 Auto 4 - Custom 81–90 Auto 5 - Custom 91–100 Auto 6 - Custom 101–110 Auto 7 - Custom 111–120 Auto 8 - Custom 121–130 Auto 9 - Custom 131–140 Auto 10 - Custom 141–150 Custom 1 - Custom 151–160 Custom 2 - Custom 161–170 Custom 3 - Custom 171–180 Custom 4 - Custom 181–190 Custom 5 - Custom 191–200 Custom 6 - Custom 201–210 Custom 7 - Custom 211–220 Custom 8 - Custom 221–230 Custom 9 - Custom 231–255 Custom 10 - Custom
14	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
16	Zoom Mode	0	0–200 No Func - Custom 201–220 Zoom Reset - Reset 221–255 No Func - Custom
17	Intensity MSpeed	0	0–9 Preset Dim Spd Fr Disp Menu - Speed 10–29 Linear Dimmer - Dimmer 30–69 Nonlinear Dim Curve 1 (Fastest) - Speed 70–129 Nonlinear Dim Curve 2 - Speed 130–189 Nonlinear Dim Curve 3 - Speed 190–255 Nonlinear Dim Curve 4 (Slowest) - Speed

TR16

17 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	White	255	
10	White Fine	255	Fine byte of White

TR16 (continued)

Ch	Function	Default	DMX values
11	Color Macro1	0	0–10 No Func - Custom 11–30 R:100% G:0-100% B:0 - Color (wheel slot 1) 31–50 R:100%-0 G:100% B:0 - Color (wheel slot 2) 51–70 R:0 G:100% B:0-100% - Color (wheel slot 3) 71–90 R:0 G:100%-0 B:100% - Color (wheel slot 4) 91–110 R:0-100% G:0 B:100% - Color (wheel slot 5) 111–130 R:100% G:0 B:100%-0 - Color (wheel slot 6) 131–150 R:100% G:0-100% B:0-100% - Color (wheel slot 7) 151–170 R:100%-0 G:100%-0 B:100% - Color (wheel slot 8) 171–195 RGBW:100% - Color (wheel slot 9) 196–200 White 1 - Color (wheel slot 10) 201–205 White 2 - Color (wheel slot 11) 206–210 White 3 - Color (wheel slot 12) 211–215 White 4 - Color (wheel slot 13) 216–220 White 5 - Color (wheel slot 14) 221–225 White 6 - Color (wheel slot 15) 226–230 White 7 - Color (wheel slot 16) 231–235 White 8 - Color (wheel slot 17) 236–240 White 9 - Color (wheel slot 18) 241–245 White 10 - Color (wheel slot 19) 246–250 White 11 - Color (wheel slot 20) 251–255 White 12 - Color (wheel slot 21)
12	Shutter / Strobe	0	0–9 No Func - Custom 10–99 S > F - Strobe 100–109 No Func - Custom 110–179 Lighting Effect S > F - Strobe 180–189 No Func - Custom 190–255 Strobe Random - Strobe Random
13	Effect	0	0–40 No Func - Custom 41–50 Auto 1 - Custom 51–60 Auto 2 - Custom 61–70 Auto 3 - Custom 71–80 Auto 4 - Custom 81–90 Auto 5 - Custom 91–100 Auto 6 - Custom 101–110 Auto 7 - Custom 111–120 Auto 8 - Custom 121–130 Auto 9 - Custom 131–140 Auto 10 - Custom 141–150 Custom 1 - Custom 151–160 Custom 2 - Custom 161–170 Custom 3 - Custom 171–180 Custom 4 - Custom 181–190 Custom 5 - Custom 191–200 Custom 6 - Custom 201–210 Custom 7 - Custom 211–220 Custom 8 - Custom 221–230 Custom 9 - Custom 231–255 Custom 10 - Custom
14	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
16	Zoom Mode	0	0–200 No Func - Custom 201–220 Zoom Reset - Reset 221–255 No Func - Custom

TR16 (continued)

Ch	Function	Default	DMX values
17	Intensity MSpeed	0	0–9 Preset Dim Spd Fr Disp Menu - Speed 10–29 Linear Dimmer - Dimmer 30–69 Nonlinear Dim Curve 1 (Fastest) - Speed 70–129 Nonlinear Dim Curve 2 - Speed 130–189 Nonlinear Dim Curve 3 - Speed 190–255 Nonlinear Dim Curve 4 (Slowest) - Speed