Chauvet Professional

COLORado 2 Quad Zoom



Manufacturer	**Chauvet Professional**
Type	**Effect light**
DMX modes	**10**
DMX footprint	**3, 4, 5, 6, 7, 12, 17 channels**
Beam angle	**14-44°**
Size (W × H × D)	**281 × 378 × 231 mm**
GDTF fixture type	**A85AA856-8331-4B41-8106-64…**

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

ARC 1	3 ch
HSV	3 ch
AR1 D	4 ch
ARC 2	4 ch
AR2 D	5 ch
AR2 S	6 ch
AR2 Z	7 ch
TOUR	12 ch
STD Y	17 ch
TR16	17 ch

ARC 1

3 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

HSV

3 channels

Ch	Function	Default	DMX values
1	H SBHue	0	0–0 Min 1–254 Min > Max 255–255 Max
2	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
3	H SBBrightness	0	0–0 Min 1–254 Min > Max 255–255 Max

AR1 D

4 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

ARC 2

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

AR2 D

5 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

AR2 S

6 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
6	Shutter / Strobe	0	0–9 Open - Shutter Open 10–255 Strobe 0-20Hz - Strobe

AR2 Z

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

AR2 Z (continued)

Ch	Function	Default	DMX values
5	White	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
7	Zoom Mode	0	0–200 No Func - Custom 201–220 Zoom Reset - Reset 221–255 No Func - Custom

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
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) 171–200 RGBW:100% - Color (wheel slot 9) 201–205 White 1 - Color (wheel slot 10) 206–210 White 2 - Color (wheel slot 11) 211–215 White 3 - Color (wheel slot 12) 216–220 White 4 - Color (wheel slot 13) 221–225 White 5 - Color (wheel slot 14) 226–230 White 6 - Color (wheel slot 15) 231–235 White 7 - Color (wheel slot 16) 236–240 White 8 - Color (wheel slot 17) 241–245 White 9 - Color (wheel slot 18) 246–251 White 10 - Color (wheel slot 19) 252–255 White 11 - Color (wheel slot 20)
7	Shutter / Strobe	0	0–9 Open - Shutter Open 10–255 Strobe 0-20Hz - Strobe

TOUR (continued)

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

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

STD Y (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) 171–200 RGBW:100% - Color (wheel slot 9) 201–205 White 1 - Color (wheel slot 10) 206–210 White 2 - Color (wheel slot 11) 211–215 White 3 - Color (wheel slot 12) 216–220 White 4 - Color (wheel slot 13) 221–225 White 5 - Color (wheel slot 14) 226–230 White 6 - Color (wheel slot 15) 231–235 White 7 - Color (wheel slot 16) 236–240 White 8 - Color (wheel slot 17) 241–245 White 9 - Color (wheel slot 18) 246–251 White 10 - Color (wheel slot 19) 252–255 White 11 - Color (wheel slot 20)
12	Shutter / Strobe	0	0–9 Open - Shutter Open 10–255 Strobe 0-20Hz - Strobe
13	Effect	0	0–40 No Func - Custom 41–50 Auto 1 - Macro 51–60 Auto 2 - Macro 61–70 Auto 3 - Macro 71–80 Auto 4 - Macro 81–90 Auto 5 - Macro 91–100 Auto 6 - Macro 101–110 Auto 7 - Macro 111–120 Auto 8 - Macro 121–130 Auto 9 - Macro 131–140 Auto 10 - Macro 141–150 Custom 1 - Macro 151–160 Custom 2 - Macro 161–170 Custom 3 - Macro 171–180 Custom 4 - Macro 181–190 Custom 5 - Macro 191–200 Custom 6 - Macro 201–210 Custom 7 - Macro 211–220 Custom 8 - Macro 221–230 Custom 9 - Macro 231–255 Custom 10 - Macro
14	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Intensity MSpeed	0	0–9 Preset Dim Spd Fr Disp Menu - Custom 10–29 Linear Dimmer - Custom 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
16	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
17	Zoom Mode	0	0–200 No Func - Custom 201–220 Zoom Reset - Reset 221–255 No Func - Custom

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
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) 171–200 RGBW:100% - Color (wheel slot 9) 201–205 White 1 - Color (wheel slot 10) 206–210 White 2 - Color (wheel slot 11) 211–215 White 3 - Color (wheel slot 12) 216–220 White 4 - Color (wheel slot 13) 221–225 White 5 - Color (wheel slot 14) 226–230 White 6 - Color (wheel slot 15) 231–235 White 7 - Color (wheel slot 16) 236–240 White 8 - Color (wheel slot 17) 241–245 White 9 - Color (wheel slot 18) 246–251 White 10 - Color (wheel slot 19) 252–255 White 11 - Color (wheel slot 20)
12	Shutter / Strobe	0	0–9 Open - Shutter Open 10–255 Strobe 0-20Hz - Strobe
13	Effect	0	0–40 No Func - Custom 41–50 Auto 1 - Macro 51–60 Auto 2 - Macro 61–70 Auto 3 - Macro 71–80 Auto 4 - Macro 81–90 Auto 5 - Macro 91–100 Auto 6 - Macro 101–110 Auto 7 - Macro 111–120 Auto 8 - Macro 121–130 Auto 9 - Macro 131–140 Auto 10 - Macro 141–150 Custom 1 - Macro 151–160 Custom 2 - Macro 161–170 Custom 3 - Macro 171–180 Custom 4 - Macro 181–190 Custom 5 - Macro 191–200 Custom 6 - Macro 201–210 Custom 7 - Macro 211–220 Custom 8 - Macro 221–230 Custom 9 - Macro 231–255 Custom 10 - Macro
14	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max

TR16 (continued)

Ch	Function	Default	DMX values
15	Intensity MSpeed	0	0–9 Preset Dim Spd Fr Disp Menu - Custom 10–29 Linear Dimmer - Custom 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
16	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
17	Zoom Mode	0	0–200 No Func - Custom 201–220 Zoom Reset - Reset 221–255 No Func - Custom