Chauvet Professional

onAir Panel 1 IP



Manufacturer	**Chauvet Professional**
Type	**Effect light**
DMX modes	**14**
DMX footprint	**1, 3, 4, 5, 6, 8, 10, 11, 15, 16 channels**
Beam angle	**99.3°**
Heads / cells	**2**
Size (W × H × D)	**558 × 292 × 65 mm**
GDTF fixture type	**3F247251-CD76-4FE9-9C4B-4C…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

1Ch Mode	1 ch
3Ch Mode	3 ch
4Ch Mode	4 ch
5Ch Mode	5 ch
6Ch Mode	6 ch
XYBasic 6Ch	6 ch
8Ch1	8 ch
8Ch2	8 ch
10Ch	10 ch
XYExtended 10Ch	10 ch
11Ch Mode	11 ch
15Ch1	15 ch
15Ch2	15 ch
16Ch Mode	16 ch

1Ch Mode

1 channel

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

3Ch Mode

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	0	0–5 CTC Off 6–12 2800K 13–19 2900K 20–26 3000K 27–33 3100K 34–40 3200K 41–47 3300K 48–54 3400K 55–61 3500K 62–68 3600K 69–75 3700K 76–82 3800K 83–89 3900K 90–96 4000K 97–103 4100K 104–110 4200K 111–117 4300K 118–124 4400K 125–131 4500K 132–138 4600K 139–145 4700K 146–152 4800K 153–159 4900K 160–166 5000K 167–173 5100K 174–180 5200K 181–187 5300K 188–194 5400K 195–201 5500K 202–208 5600K 209–215 5700K 216–222 6000K 223–229 6500K 230–236 7000K 237–243 7500K 244–255 8000K
3	H SBHue	0	0–1 Hue Off 2–2 -25 3–254 -25 > +25 255–255 +25

4Ch Mode

4 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

4Ch Mode (continued)

Ch	Function	Default	DMX values
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 WW	255	0–0 Min 1–254 Min > Max 255–255 Max

5Ch Mode

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	0–5 CTC Off 6–12 2800K 13–19 2900K 20–26 3000K 27–33 3100K 34–40 3200K 41–47 3300K 48–54 3400K 55–61 3500K 62–68 3600K 69–75 3700K 76–82 3800K 83–89 3900K 90–96 4000K 97–103 4100K 104–110 4200K 111–117 4300K 118–124 4400K 125–131 4500K 132–138 4600K 139–145 4700K 146–152 4800K 153–159 4900K 160–166 5000K 167–173 5100K 174–180 5200K 181–187 5300K 188–194 5400K 195–201 5500K 202–208 5600K 209–215 5700K 216–222 6000K 223–229 6500K 230–236 7000K 237–243 7500K 244–255 8000K
4	H SBHue	0	0–1 Hue Off 2–2 -25 3–254 -25 > +25 255–255 +25
5	Shutter / Strobe	0	0–10 Open 11–11 STROBE · Min 1 Hz 12–254 STROBE · Min > Max 1.26–64.7 Hz 255–255 STROBE · Max 65 Hz

6Ch Mode

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	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	0	0–10 Open 11–11 STROBE · Min 1 Hz 12–254 STROBE · Min > Max 1.26–64.7 Hz 255–255 STROBE · Max 65 Hz

XYBasic 6Ch

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY

8Ch1

8 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 WW	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Green	255	0–0 Min 1–254 Min > Max 255–255 Max

8Ch1 (continued)

Ch	Function	Default	DMX values
7	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max

8Ch2

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add WW	255	
8	Color Add WW Fine	255	Fine byte of Color Add WW

10Ch

10 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 WW	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Shutter / Strobe	0	0–10 Open 11–11 STROBE · Min 1 Hz 12–254 STROBE · Min > Max 1.26–64.7 Hz 255–255 STROBE · Max 65 Hz

XYExtended 10Ch

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY
7	Shutter / Strobe	0	0–10 Open 11–11 STROBE · Min 1 Hz 12–254 STROBE · Min > Max 1.26–64.7 Hz 255–255 STROBE · Max 65 Hz
8	Effect	0	0–10 Open 11–39 Color Chase 40–68 Police Car 69–96 Fire Truck 97–125 Fire 126–154 Clouds 155–182 Fireworks 183–211 Paparazzi 212–240 Lightning 241–255 No Function
9	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
10	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 Off 72–79 Dimmer 1 (Fast) 80–87 Dimmer 2 (Medium) 88–95 Dimmer 3 (Slow) 96–103 Auto (Fan Mode) 104–111 On (Fan Mode) 112–119 Off (Fan Mode) 120–127 Silent (Fan Mode) 128–255 Reseved

11Ch Mode

11 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

11Ch Mode (continued)

Ch	Function	Default	DMX values
5	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	0	0–10 Open 11–11 STROBE · Min 1 Hz 12–254 STROBE · Min > Max 1.26–64.7 Hz 255–255 STROBE · Max 65 Hz
7	C TC	0	0–5 CTC Off 6–12 2800K 13–19 2900K 20–26 3000K 27–33 3100K 34–40 3200K 41–47 3300K 48–54 3400K 55–61 3500K 62–68 3600K 69–75 3700K 76–82 3800K 83–89 3900K 90–96 4000K 97–103 4100K 104–110 4200K 111–117 4300K 118–124 4400K 125–131 4500K 132–138 4600K 139–145 4700K 146–152 4800K 153–159 4900K 160–166 5000K 167–173 5100K 174–180 5200K 181–187 5300K 188–194 5400K 195–201 5500K 202–208 5600K 209–215 5700K 216–222 6000K 223–229 6500K 230–236 7000K 237–243 7500K 244–255 8000K
8	H SBHue	0	0–1 Hue Off 2–2 -25 3–254 -25 > +25 255–255 +25
9	Effect	0	0–10 Open 11–39 Color Chase 40–68 Police Car 69–96 Fire Truck 97–125 Fire 126–154 Clouds 155–182 Fireworks 183–211 Paparazzi 212–240 Lightning 241–255 No Function
10	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max

11Ch Mode (continued)

Ch	Function	Default	DMX values
11	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 Off 72–79 Dimmer 1 (Fast) 80–87 Dimmer 2 (Medium) 88–95 Dimmer 3 (Slow) 96–103 Auto (Fan Mode) 104–111 On (Fan Mode) 112–119 Off (Fan Mode) 120–127 Silent (Fan Mode) 128–255 Reseved

15Ch1

15 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 WW	255	
10	Color Add WW Fine	255	Fine byte of Color Add WW
11	Shutter / Strobe	0	0–10 Open 11–11 STROBE · Min 1 Hz 12–254 STROBE · Min > Max 1.26–64.7 Hz 255–255 STROBE · Max 65 Hz

15Ch1 (continued)

Ch	Function	Default	DMX values
12	C TC	0	0–5 CTC Off 6–12 2800K 13–19 2900K 20–26 3000K 27–33 3100K 34–40 3200K 41–47 3300K 48–54 3400K 55–61 3500K 62–68 3600K 69–75 3700K 76–82 3800K 83–89 3900K 90–96 4000K 97–103 4100K 104–110 4200K 111–117 4300K 118–124 4400K 125–131 4500K 132–138 4600K 139–145 4700K 146–152 4800K 153–159 4900K 160–166 5000K 167–173 5100K 174–180 5200K 181–187 5300K 188–194 5400K 195–201 5500K 202–208 5600K 209–215 5700K 216–222 6000K 223–229 6500K 230–236 7000K 237–243 7500K 244–255 8000K
13	H SBHue	0	0–1 Hue Off 2–2 -25 3–254 -25 > +25 255–255 +25
14	Effect	0	0–10 Open 11–39 Color Chase 40–68 Police Car 69–96 Fire Truck 97–125 Fire 126–154 Clouds 155–182 Fireworks 183–211 Paparazzi 212–240 Lightning 241–255 No Function
15	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max

15Ch2

15 channels

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

15Ch2 (continued)

Ch	Function	Default	DMX values
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 WW	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Shutter / Strobe	0	0–10 Open 11–11 STROBE · Min 1 Hz 12–254 STROBE · Min > Max 1.26–64.7 Hz 255–255 STROBE · Max 65 Hz

15Ch2 (continued)

Ch	Function	Default	DMX values
11	C TC	0	0–5 CTC Off 6–12 2800K 13–19 2900K 20–26 3000K 27–33 3100K 34–40 3200K 41–47 3300K 48–54 3400K 55–61 3500K 62–68 3600K 69–75 3700K 76–82 3800K 83–89 3900K 90–96 4000K 97–103 4100K 104–110 4200K 111–117 4300K 118–124 4400K 125–131 4500K 132–138 4600K 139–145 4700K 146–152 4800K 153–159 4900K 160–166 5000K 167–173 5100K 174–180 5200K 181–187 5300K 188–194 5400K 195–201 5500K 202–208 5600K 209–215 5700K 216–222 6000K 223–229 6500K 230–236 7000K 237–243 7500K 244–255 8000K
12	H SBHue	0	0–1 Hue Off 2–2 -25 3–254 -25 > +25 255–255 +25
13	Effect	0	0–10 Open 11–39 Color Chase 40–68 Police Car 69–96 Fire Truck 97–125 Fire 126–154 Clouds 155–182 Fireworks 183–211 Paparazzi 212–240 Lightning 241–255 No Function
14	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max

15Ch2 (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 Off 72–79 Dimmer 1 (Fast) 80–87 Dimmer 2 (Medium) 88–95 Dimmer 3 (Slow) 96–103 Auto (Fan Mode) 104–111 On (Fan Mode) 112–119 Off (Fan Mode) 120–127 Silent (Fan Mode) 128–255 Reseved

16Ch Mode

16 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Red Fine	255	Fine byte of Red
3	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Blue Fine	255	Fine byte of Blue
7	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Color Add WW Fine	255	Fine byte of Color Add WW
9	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Red Fine	255	Fine byte of Red
11	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Green Fine	255	Fine byte of Green
13	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Blue Fine	255	Fine byte of Blue
15	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Color Add WW Fine	255	Fine byte of Color Add WW