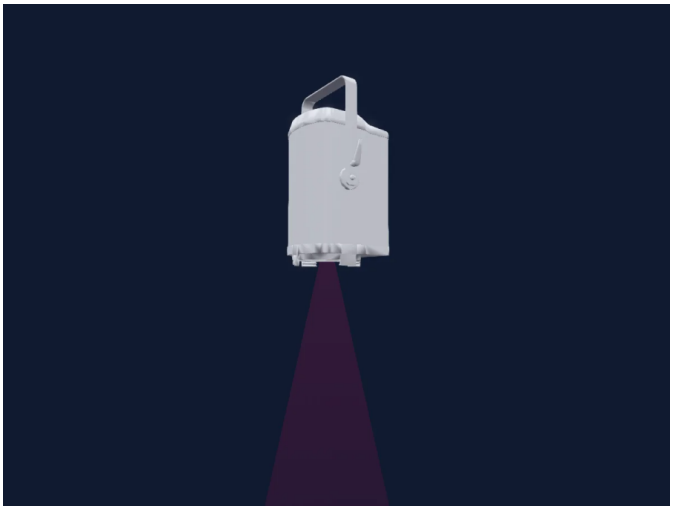
Chauvet Professional

Ovation F-415FC



Manufacturer	**Chauvet Professional**
Type	**Spot**
DMX modes	**9**
DMX footprint	**1, 3, 5, 7, 11, 13, 14, 18 channels**
Beam angle	**14-38°**
Size (W × H × D)	**285 × 275 × 32 mm**
GDTF fixture type	**AC4D97D4-B1B0-11E8-9828-52…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

1Ch Mode	1 ch
3Ch Mode	3 ch
HSV	3 ch
5Ch Mode	5 ch
7Ch Mode	7 ch
11Ch Mode	11 ch
13Ch Mode	13 ch
14Ch Mode	14 ch
18Ch Mode	18 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	Color Wheel	0	0–5 Open - Color (wheel slot 1) 6–13 Medium Yellow - Color (wheel slot 2) 14–21 Light Yellow - Color (wheel slot 3) 22–28 Amber Yellow - Color (wheel slot 4) 29–35 Very Light Amber - Color (wheel slot 5) 36–43 Light Amber - Color (wheel slot 6) 44–51 Medium Amber - Color (wheel slot 7) 52–59 Dark Amber - Color (wheel slot 8) 60–67 Light Red - Color (wheel slot 9) 68–75 Medium Red - Color (wheel slot 10) 76–83 Pink - Color (wheel slot 11) 84–91 Medium Pink - Color (wheel slot 12) 92–99 Dark Pink - Color (wheel slot 13) 100–107 Medium Red Amber - Color (wheel slot 14) 108–115 Dark Red Amber - Color (wheel slot 15) 116–121 Magenta - Color (wheel slot 16) 122–130 Dark Magenta - Color (wheel slot 17) 131–138 Light Lavender - Color (wheel slot 18) 139–146 Light Blue - Color (wheel slot 19) 147–154 Very Light Blue - Color (wheel slot 20) 155–162 Light Blue 2 - Color (wheel slot 21) 163–170 Blue - Color (wheel slot 22) 171–178 Medium Blue - Color (wheel slot 23) 179–186 Dark Blue - Color (wheel slot 24) 187–194 Indigo - Color (wheel slot 25) 195–202 Very Dark Blue - Color (wheel slot 26) 203–210 Very Dark Blue 2 - Color (wheel slot 27) 211–218 Yellow Green - Color (wheel slot 28) 219–226 Green - Color (wheel slot 29) 227–234 Turquoise - Color (wheel slot 30) 235–242 Aqua - Color (wheel slot 31) 243–250 Blue Green - Color (wheel slot 32) 251–255 Open - Color (wheel slot 1)
3	C TC	0	0–5 No Func - Custom 6–25 2800K - CTC 26–50 3000K - CTC 51–75 3200K - CTC 76–100 3500K - CTC 101–125 4000K - CTC 126–150 4500K - CTC 151–175 500K - CTC 176–200 5600K - CTC 201–225 6000K - CTC 226–250 6500K - CTC 251–255 No Function - Custom

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

5Ch Mode

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 RY	0	0–0 Min 1–254 Min > Max 255–255 Max
5	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max

7Ch Mode

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 RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

11Ch Mode

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
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 RY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max
8	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
9	Color Wheel	0	0–5 Open - Color (wheel slot 1) 6–13 Medium Yellow - Color (wheel slot 2) 14–21 Light Yellow - Color (wheel slot 3) 22–28 Amber Yellow - Color (wheel slot 4) 29–35 Very Light Amber - Color (wheel slot 5) 36–43 Light Amber - Color (wheel slot 6) 44–51 Medium Amber - Color (wheel slot 7) 52–59 Dark Amber - Color (wheel slot 8) 60–67 Light Red - Color (wheel slot 9) 68–75 Medium Red - Color (wheel slot 10) 76–83 Pink - Color (wheel slot 11) 84–91 Medium Pink - Color (wheel slot 12) 92–99 Dark Pink - Color (wheel slot 13) 100–107 Medium Red Amber - Color (wheel slot 14) 108–115 Dark Red Amber - Color (wheel slot 15) 116–121 Magenta - Color (wheel slot 16) 122–130 Dark Magenta - Color (wheel slot 17) 131–138 Light Lavender - Color (wheel slot 18) 139–146 Light Blue - Color (wheel slot 19) 147–154 Very Light Blue - Color (wheel slot 20) 155–162 Light Blue 2 - Color (wheel slot 21) 163–170 Blue - Color (wheel slot 22) 171–178 Medium Blue - Color (wheel slot 23) 179–186 Dark Blue - Color (wheel slot 24) 187–194 Indigo - Color (wheel slot 25) 195–202 Very Dark Blue - Color (wheel slot 26) 203–210 Very Dark Blue 2 - Color (wheel slot 27) 211–218 Yellow Green - Color (wheel slot 28) 219–226 Green - Color (wheel slot 29) 227–234 Turquoise - Color (wheel slot 30) 235–242 Aqua - Color (wheel slot 31) 243–250 Blue Green - Color (wheel slot 32) 251–255 Open - Color (wheel slot 1)

11Ch Mode (continued)

Ch	Function	Default	DMX values
10	C TC	0	0–5 No Func - Custom 6–25 2800K - CTC 26–50 3000K - CTC 51–75 3200K - CTC 76–100 3500K - CTC 101–125 4000K - CTC 126–150 4500K - CTC 151–175 500K - CTC 176–200 5600K - CTC 201–225 6000K - CTC 226–250 6500K - CTC 251–255 No Function - Custom
11	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

13Ch Mode

13 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 RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	Color Add GY	0	
12	Color Add GY Fine	0	Fine byte of Color Add GY
13	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

14Ch Mode

14 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 RY	0	0–0 Min 1–254 Min > Max 255–255 Max

14Ch Mode (continued)

Ch	Function	Default	DMX values
6	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
8	Color Wheel	0	0–5 Open - Color (wheel slot 1) 6–13 Medium Yellow - Color (wheel slot 2) 14–21 Light Yellow - Color (wheel slot 3) 22–28 Amber Yellow - Color (wheel slot 4) 29–35 Very Light Amber - Color (wheel slot 5) 36–43 Light Amber - Color (wheel slot 6) 44–51 Medium Amber - Color (wheel slot 7) 52–59 Dark Amber - Color (wheel slot 8) 60–67 Light Red - Color (wheel slot 9) 68–75 Medium Red - Color (wheel slot 10) 76–83 Pink - Color (wheel slot 11) 84–91 Medium Pink - Color (wheel slot 12) 92–99 Dark Pink - Color (wheel slot 13) 100–107 Medium Red Amber - Color (wheel slot 14) 108–115 Dark Red Amber - Color (wheel slot 15) 116–121 Magenta - Color (wheel slot 16) 122–130 Dark Magenta - Color (wheel slot 17) 131–138 Light Lavender - Color (wheel slot 18) 139–146 Light Blue - Color (wheel slot 19) 147–154 Very Light Blue - Color (wheel slot 20) 155–162 Light Blue 2 - Color (wheel slot 21) 163–170 Blue - Color (wheel slot 22) 171–178 Medium Blue - Color (wheel slot 23) 179–186 Dark Blue - Color (wheel slot 24) 187–194 Indigo - Color (wheel slot 25) 195–202 Very Dark Blue - Color (wheel slot 26) 203–210 Very Dark Blue 2 - Color (wheel slot 27) 211–218 Yellow Green - Color (wheel slot 28) 219–226 Green - Color (wheel slot 29) 227–234 Turquoise - Color (wheel slot 30) 235–242 Aqua - Color (wheel slot 31) 243–250 Blue Green - Color (wheel slot 32) 251–255 Open - Color (wheel slot 1)
9	C TC	0	0–5 No Func - Custom 6–25 2800K - CTC 26–50 3000K - CTC 51–75 3200K - CTC 76–100 3500K - CTC 101–125 4000K - CTC 126–150 4500K - CTC 151–175 500K - CTC 176–200 5600K - CTC 201–225 6000K - CTC 226–250 6500K - CTC 251–255 No Function - Custom
10	Effect	0	0–10 No Func - Custom 11–60 Auto Program 1 - Macro 61–110 Auto Program 2 - Macro 111–160 Auto Program 3 - Macro 161–210 Auto Program 4 - Macro 211–255 Auto Program 5 - Macro
11	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max

14Ch Mode (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–7 No Function - Custom 8–15 Dimmer Reset - Reset 16–23 Red Shift On - Custom 24–31 Red Shift Off - Custom 32–39 Dimmer: S-Curve - Custom 40–47 Dimmer: Linear - Custom 48–55 Dimmer: Square - Custom 56–63 Dimmer: Inverse Square - Custom 64–71 Dimmer Speed Mode Off - Speed 72–79 Dimmer Speed Mode 1 - Speed 80–87 Dimmer Speed Mode 2 - Speed 88–95 Dimmer Speed Mode 3 - Speed 96–103 Fan Auto - Custom 104–111 Fan On - Custom 112–119 Fan Off - Custom 120–127 Fan Silent - Custom 128–135 X-Fade Speed: Off - Speed 136–143 X-Fade Speed: 1 (Fastest) - Speed 144–151 X-Fade Speed: 2 - Speed 152–159 X-Fade Speed: 3 - Speed 160–167 X-Fade Speed: 4 (Slowest) - Speed 168–255 No Function - Custom
13	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
14	Fixture Global Reset	0	0–200 No Func - Custom 201–220 Reset - Reset 221–255 No Func - Custom

18Ch Mode

18 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 RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	Color Add GY	0	
12	Color Add GY Fine	0	Fine byte of Color Add GY
13	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

18Ch Mode (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–5 Open - Color (wheel slot 1) 6–13 Medium Yellow - Color (wheel slot 2) 14–21 Light Yellow - Color (wheel slot 3) 22–28 Amber Yellow - Color (wheel slot 4) 29–35 Very Light Amber - Color (wheel slot 5) 36–43 Light Amber - Color (wheel slot 6) 44–51 Medium Amber - Color (wheel slot 7) 52–59 Dark Amber - Color (wheel slot 8) 60–67 Light Red - Color (wheel slot 9) 68–75 Medium Red - Color (wheel slot 10) 76–83 Pink - Color (wheel slot 11) 84–91 Medium Pink - Color (wheel slot 12) 92–99 Dark Pink - Color (wheel slot 13) 100–107 Medium Red Amber - Color (wheel slot 14) 108–115 Dark Red Amber - Color (wheel slot 15) 116–121 Magenta - Color (wheel slot 16) 122–130 Dark Magenta - Color (wheel slot 17) 131–138 Light Lavender - Color (wheel slot 18) 139–146 Light Blue - Color (wheel slot 19) 147–154 Very Light Blue - Color (wheel slot 20) 155–162 Light Blue 2 - Color (wheel slot 21) 163–170 Blue - Color (wheel slot 22) 171–178 Medium Blue - Color (wheel slot 23) 179–186 Dark Blue - Color (wheel slot 24) 187–194 Indigo - Color (wheel slot 25) 195–202 Very Dark Blue - Color (wheel slot 26) 203–210 Very Dark Blue 2 - Color (wheel slot 27) 211–218 Yellow Green - Color (wheel slot 28) 219–226 Green - Color (wheel slot 29) 227–234 Turquoise - Color (wheel slot 30) 235–242 Aqua - Color (wheel slot 31) 243–250 Blue Green - Color (wheel slot 32) 251–255 Open - Color (wheel slot 1)
15	C TC	0	0–5 No Func - Custom 6–25 2800K - CTC 26–50 3000K - CTC 51–75 3200K - CTC 76–100 3500K - CTC 101–125 4000K - CTC 126–150 4500K - CTC 151–175 500K - CTC 176–200 5600K - CTC 201–225 6000K - CTC 226–250 6500K - CTC 251–255 No Function - Custom
16	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
17	Fixture Global Reset	0	0–200 No Func - Custom 201–220 Reset - Reset 221–255 No Func - Custom

18Ch Mode (continued)

Ch	Function	Default	DMX values
18	Control1	0	0–7 No Function - Custom 8–15 Dimmer Reset - Reset 16–23 Red Shift On - Custom 24–31 Red Shift Off - Custom 32–39 Dimmer: S-Curve - Custom 40–47 Dimmer: Linear - Custom 48–55 Dimmer: Square - Custom 56–63 Dimmer: Inverse Square - Custom 64–71 Dimmer Speed Mode Off - Speed 72–79 Dimmer Speed Mode 1 - Speed 80–87 Dimmer Speed Mode 2 - Speed 88–95 Dimmer Speed Mode 3 - Speed 96–103 Fan Auto - Custom 104–111 Fan On - Custom 112–119 Fan Off - Custom 120–127 Fan Silent - Custom 128–135 X-Fade Speed: Off - Speed 136–143 X-Fade Speed: 1 (Fastest) - Speed 144–151 X-Fade Speed: 2 - Speed 152–159 X-Fade Speed: 3 - Speed 160–167 X-Fade Speed: 4 (Slowest) - Speed 168–255 No Function - Custom