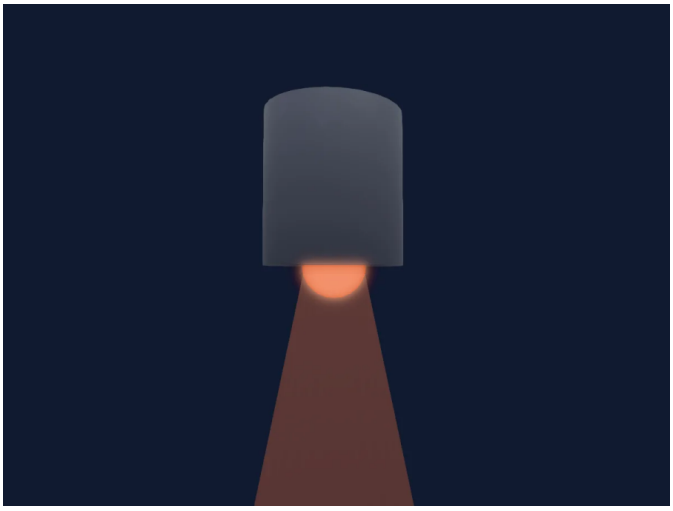
NEXSTRALE

ORION PAR 420 IP



Manufacturer	**NEXSTRALE**
Type	**PAR**
DMX modes	**6**
DMX footprint	**2, 3, 5, 8, 11, 15 channels**
Size (W × H × D)	**177 × 187 × 160 mm**
GDTF fixture type	**FF12FE41-AB95-460A-AC37-87…**

Controls

Hue and saturation · RGB colour mixing · Colour temperature · Colour wheel · Dimmer

DMX modes

2 Channels	2 ch
HSV Channels	3 ch
5 Channels	5 ch
8 Channels	8 ch
11 Channels	11 ch
15 Channels	15 ch

2 Channels

2 channels

Ch	Function	Default	DMX values
1	Color Macro1	0	
2	C TO	0	0–31 3000k 32–55 3500k 56–79 4000k 80–103 4500k 104–127 5000k 128–151 6000k 152–175 7000k 176–199 8000k 200–223 9000k 224–255 10000k

HSV Channels

3 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBSaturation	0	
3	H SBBrightness	0	

5 Channels

5 channels

Ch	Function	Default	DMX values
1	Color RGBRed	0	
2	Color RGBGreen	0	
3	Color RGBBlue	0	
4	Color Lime	0	
5	Shutter1Strobe	0	0–9 Open 10–21 Strobo 1 22–33 Strobo 2 34–45 Strobo 3 46–57 Strobo 4 58–69 Strobo 5 70–81 Strobo 6 82–93 Strobo 7 94–105 Strobo 8 106–117 Strobo 9 118–129 Strobo 10 130–141 Strobo 11 142–153 Strobo 12 154–165 Strobo 13 166–177 Strobo 14 178–189 Strobo 15 190–201 Strobo 16 202–213 Strobo 17 214–225 Strobo 18 226–237 Strobo 19 238–255 Strobo 20

8 Channels

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Color RGBRed	0	
3	Color RGBGreen	0	

8 Channels (continued)

Ch	Function	Default	DMX values
4	Color RGBBlue	0	
5	Color Lime	0	
6	Color Macro1	0	
7	C TO	0	0–31 3000k 32–55 3500k 56–79 4000k 80–103 4500k 104–127 5000k 128–151 6000k 152–175 7000k 176–199 8000k 200–223 9000k 224–255 10000k
8	Shutter1Strobe	0	0–9 Open 10–21 Strobo 1 22–33 Strobo 2 34–45 Strobo 3 46–57 Strobo 4 58–69 Strobo 5 70–81 Strobo 6 82–93 Strobo 7 94–105 Strobo 8 106–117 Strobo 9 118–129 Strobo 10 130–141 Strobo 11 142–153 Strobo 12 154–165 Strobo 13 166–177 Strobo 14 178–189 Strobo 15 190–201 Strobo 16 202–213 Strobo 17 214–225 Strobo 18 226–237 Strobo 19 238–255 Strobo 20

11 Channels

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Color RGBRed	0	
3	Color RGBGreen	0	
4	Color RGBBlue	0	
5	Color Lime	0	
6	Color Macro1	0	
7	C TO	0	0–31 3000k 32–55 3500k 56–79 4000k 80–103 4500k 104–127 5000k 128–151 6000k 152–175 7000k 176–199 8000k 200–223 9000k 224–255 10000k

11 Channels (continued)

Ch	Function	Default	DMX values
8	Shutter1Strobe	0	0–9 Open 10–21 Strobo 1 22–33 Strobo 2 34–45 Strobo 3 46–57 Strobo 4 58–69 Strobo 5 70–81 Strobo 6 82–93 Strobo 7 94–105 Strobo 8 106–117 Strobo 9 118–129 Strobo 10 130–141 Strobo 11 142–153 Strobo 12 154–165 Strobo 13 166–177 Strobo 14 178–189 Strobo 15 190–201 Strobo 16 202–213 Strobo 17 214–225 Strobo 18 226–237 Strobo 19 238–255 Strobo 20
9	Color Mix Mode	0	21–39 Auto 1 40–60 Auto 2 61–80 Auto 3 81–100 Auto 4 101–120 Auto 5 121–140 Auto 6 141–160 Auto 7 161–180 Auto 8 181–200 Auto 9 201–220 Auto 10 221–255 Auto 11
10	Color Mix MSpeed	0	
11	Dimmer Mode	0	0–9 No Function 10–29 Linear Dimmer 30–69 Dimmer 1 Fast 70–129 Dimmer 2 130–189 Dimmer 3 190–255 Dimmer 4 Slow

15 Channels

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Color RGBRed	0	
3	Color RGBRed Fine	0	Fine byte of Color RGBRed
4	Color RGBGreen	0	
5	Color RGBGreen Fine	0	Fine byte of Color RGBGreen
6	Color RGBBlue	0	
7	Color RGBBlue Fine	0	Fine byte of Color RGBBlue
8	Color Lime	0	
9	Color Lime Fine	0	Fine byte of Color Lime
10	Color Macro1	0	

15 Channels (continued)

Ch	Function	Default	DMX values
11	C TO	0	0–31 3000k 32–55 3500k 56–79 4000k 80–103 4500k 104–127 5000k 128–151 6000k 152–175 7000k 176–199 8000k 200–223 9000k 224–255 10000k
12	Shutter1Strobe	0	0–9 Open 10–21 Strobo 1 22–33 Strobo 2 34–45 Strobo 3 46–57 Strobo 4 58–69 Strobo 5 70–81 Strobo 6 82–93 Strobo 7 94–105 Strobo 8 106–117 Strobo 9 118–129 Strobo 10 130–141 Strobo 11 142–153 Strobo 12 154–165 Strobo 13 166–177 Strobo 14 178–189 Strobo 15 190–201 Strobo 16 202–213 Strobo 17 214–225 Strobo 18 226–237 Strobo 19 238–255 Strobo 20
13	Color Mix Mode	0	21–39 Auto 1 40–60 Auto 2 61–80 Auto 3 81–100 Auto 4 101–120 Auto 5 121–140 Auto 6 141–160 Auto 7 161–180 Auto 8 181–200 Auto 9 201–220 Auto 10 221–255 Auto 11
14	Color Mix MSpeed	0	
15	Dimmer Mode	0	0–9 No Function 10–29 Linear Dimmer 30–69 Dimmer 1 Fast 70–129 Dimmer 2 130–189 Dimmer 3 190–255 Dimmer 4 Slow