NEXSTRALE

LEYND FRAME 800 IP



Manufacturer	**NEXSTRALE**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**23, 32, 42 channels**
Beam angle	**4.5-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**397 × 420 × 397 mm**
GDTF fixture type	**9555AFA6-34ED-417F-917A-D3…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

23CH Mode	23 ch
32F CH Mode	32 ch
32S CH Mode	32 ch
42 CH Mode	42 ch

23CH Mode

23 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	127	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Position MSpeed	0	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	
10	C RIMode	0	0–127 OFF 128–255 OPEN
11	Color Wheel	6	5–5 OPEN (wheel slot 1) 6–115 Color Wheel Indexing 116–120 OPEN (wheel slot 1) 121–130 C1 (wheel slot 2) 131–140 C2 (wheel slot 3) 141–150 C3 (wheel slot 4) 151–160 C4 (wheel slot 5) 161–192 C5 (wheel slot 6) 193–193 Slow 194–222 Slow >> Fast 223–223 Fast 224–224 STOP 225–225 Fast 226–254 Fast >> Slow 255–255 Slow
12	Color Wheel Fine	6	Fine byte of Color Wheel
13	Iris	225	0–0 MIN 1–224 MIN >> MAX 225–225 MAX 226–235 slow 236–245 fast 246–255 IrisStrobeRandom 4
14	Iris Fine	225	Fine byte of Iris
15	Frost1	0	0–127 OFF 128–255 ON
16	Zoom	127	
17	Zoom Fine	127	Fine byte of Zoom
18	Focus	127	
19	Focus Fine	127	Fine byte of Focus
20	Shutter / Strobe	3	0–3 OPEN 6–6 Synchronized Strobe · MIN 0.308 Hz 7–54 Synchronized Strobe · MIN>>MAX 0.413–5.31 Hz 55–99 Synchronized Strobe · MAX 5.41–10 Hz 100–104 Pulse Strobe · MIN 0.1–0.908 Hz 105–149 Pulse Strobe · MAX 1.11–10 Hz 150–154 Flash Strobe · MIN 0.1–0.908 Hz 155–199 Flash Strobe · MAX 1.11–10 Hz 200–249 Random Strobe · MIN 0.1–10 Hz 250–255 OPEN
21	Dimmer	0	
22	Dimmer Fine	0	Fine byte of Dimmer

23CH Mode (continued)

Ch	Function	Default	DMX values
23	Control1	0	16–20 Pan invert on 21–25 Pan invert off 26–30 Tilt invert on 31–35 Tilt invert off 36–40 Mobile light blocking on 41–50 Mobile light blocking off 51–55 Fan automatic 56–60 Fan full on 61–65 Silent fan 66–70 Ultra quiet fan 71–75 Linear 76–80 Square 81–85 Inverse square curve 86–90 S-curve 91–95 400hz 96–100 1200hz 101–105 2000hz 106–110 4000Hz 111–115 6000Hz 116–120 8000hz 121–125 16KHz 126–130 24KHz 131–135 The display stays on 136–140 The display shows 10 seconds 141–145 The display shows 30 seconds 146–150 The display shows 1 mins 151–155 Standard dimming 156–160 Fast dimming 161–165 X/Y Reset 166–170 Head Reset 171–175 Reset All 176–180 Signal remains on 181–255 Signal remains off

32F CH Mode

32 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	127	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Position MSpeed	0	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	
10	C RIMode	0	0–127 OFF 128–255 OPEN

32F CH Mode (continued)

Ch	Function	Default	DMX values
11	Color Wheel	6	5–5 OPEN (wheel slot 1) 6–115 Color Wheel Indexing 116–120 OPEN (wheel slot 1) 121–130 C1 (wheel slot 2) 131–140 C2 (wheel slot 3) 141–150 C3 (wheel slot 4) 151–160 C4 (wheel slot 5) 161–192 C5 (wheel slot 6) 193–193 Slow 194–222 Slow >> Fast 223–223 Fast 224–224 STOP 225–225 Fast 226–254 Fast >> Slow 255–255 Slow
12	Color Wheel Fine	6	Fine byte of Color Wheel
13	Iris	225	0–0 MIN 1–224 MIN >> MAX 225–225 MAX 226–234 slow 235–235 fast 236–245 IrisPulseClose 3 246–255 IrisStrobeRandom 4
14	Iris Fine	225	Fine byte of Iris
15	Frost1	0	0–127 OFF 128–255 ON
16	Zoom	127	
17	Zoom Fine	127	Fine byte of Zoom
18	Focus	127	
19	Focus Fine	127	Fine byte of Focus
20	Shutter / Strobe	3	0–3 OPEN 6–6 Synchronized Strobe · MIN 0.308 Hz 7–54 Synchronized Strobe · MIN>>MAX 0.413–5.31 Hz 55–99 Synchronized Strobe · MAX 5.41–10 Hz 100–104 Pulse Strobe · MIN 0.1–0.908 Hz 105–149 Pulse Strobe · MAX 1.11–10 Hz 150–154 Flash Strobe · MIN 0.1–0.908 Hz 155–199 Flash Strobe · MAX 1.11–10 Hz 200–249 Random Strobe · MIN 0.1–10 Hz 250–255 OPEN
21	Dimmer	0	
22	Dimmer Fine	0	Fine byte of Dimmer
23	Shaper Rot	127	
24	Blade1A	0	
25	Blade1B	0	
26	Blade2A	0	
27	Blade2B	0	
28	Blade3A	0	
29	Blade3B	0	
30	Blade4A	0	
31	Blade4B	0	

32F CH Mode (continued)

Ch	Function	Default	DMX values
32	Control1	0	16–20 Pan invert on 21–25 Pan invert off 26–30 Tilt invert on 31–35 Tilt invert off 36–40 Mobile light blocking on 41–50 Mobile light blocking off 51–55 Fan automatic 56–60 Fan full on 61–65 Silent fan 66–70 Ultra quiet fan 71–75 Linear 76–80 Square 81–85 Inverse square curve 86–90 S-curve 91–95 400hz 96–100 1200hz 101–105 2000hz 106–110 4000Hz 111–115 6000Hz 116–120 8000hz 121–125 16KHz 126–130 24KHz 131–135 The display stays on 136–140 The display shows 10 seconds 141–145 The display shows 30 seconds 146–150 The display shows 1 mins 151–155 Standard dimming 156–160 Fast dimming 161–165 X/Y Reset 166–170 Head Reset 171–175 Reset All 176–180 Signal remains on 181–255 Signal remains off

32S CH Mode

32 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	127	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Position MSpeed	0	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	
10	C RIMode	0	0–126 OFF 127–255 OPEN

32S CH Mode (continued)

Ch	Function	Default	DMX values
11	Color Wheel	6	5–5 OPEN (wheel slot 1) 6–115 Color Wheel Indexing 116–120 OPEN (wheel slot 1) 121–130 C1 (wheel slot 2) 131–140 C2 (wheel slot 3) 141–150 C3 (wheel slot 4) 151–160 C4 (wheel slot 5) 161–192 C5 (wheel slot 6) 193–193 Slow 194–222 Slow >> Fast 223–223 Fast 224–224 STOP 225–225 Fast 226–254 Fast >> Slow 255–255 Slow
12	Color Wheel Fine	6	Fine byte of Color Wheel
13	Gobo	0	0–7 WWW (wheel slot 1) 8–20 1 (wheel slot 2) 21–33 2 (wheel slot 3) 34–46 3 (wheel slot 4) 47–59 4 (wheel slot 5) 60–72 5 (wheel slot 6) 73–85 6 (wheel slot 7) 86–98 7 (wheel slot 8) 99–111 1 (wheel slot 1) 112–124 2 (wheel slot 2) 125–137 3 (wheel slot 3) 138–150 4 (wheel slot 4) 151–163 5 (wheel slot 5) 164–176 6 (wheel slot 6) 177–189 7 (wheel slot 7) 190–220 Fast 221–221 Slow 222–223 Stop 224–254 Slow 255–255 Slow to Fast
14	Gobo Rotation	0	0–0 0 1–126 0<360 127–127 360 128–189 Fast to Slow 190–192 Stop 193–255 Slow to Fast
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

32S CH Mode (continued)

Ch	Function	Default	DMX values
16	Gobo 2	0	0–5 WWW (wheel slot 1) 6–16 1 (wheel slot 2) 17–27 2 (wheel slot 3) 28–38 3 (wheel slot 4) 39–49 4 (wheel slot 5) 50–60 5 (wheel slot 6) 61–71 6 (wheel slot 7) 72–82 7 (wheel slot 8) 83–93 8 (wheel slot 9) 94–105 1 (wheel slot 2) 106–117 2 (wheel slot 3) 118–129 3 (wheel slot 4) 130–141 4 (wheel slot 5) 142–153 5 (wheel slot 6) 154–165 6 (wheel slot 7) 166–177 7 (wheel slot 8) 178–189 8 (wheel slot 9) 190–220 Fast 221–221 Slow 222–223 Stop 224–224 Slow 225–254 Slow to Fast 255–255 Fast
17	Animation Wheel1	0	0–6 OFF 7–7 ON 8–129 <<< 130–133 STOP 134–255 >>>
18	Iris	225	0–0 MIN 1–224 MIN >> MAX 225–225 MAX 226–234 slow 235–235 fast 236–245 IrisPulseClose 3 246–255 IrisStrobeRandom 4
19	Iris Fine	225	Fine byte of Iris
20	Prism	0	0–127 OFF (wheel slot 1) 128–255 ON (wheel slot 2)
21	Prism Rotation	0	0–0 0 1–126 0<360 127–127 360 128–189 Fast to Slow 190–190 Stop 191–255 Slow to Fast
22	Prism	0	0–7 OFF (wheel slot 1) 8–255 ON (wheel slot 2)
23	Prism Rotation	0	0–0 0 1–126 0<360 127–127 360 128–189 Fast to Slow 190–190 Stop 191–255 Slow to Fast
24	Frost1	0	0–127 OFF 128–255 ON
25	Zoom	127	
26	Zoom Fine	127	Fine byte of Zoom
27	Focus	127	
28	Focus Fine	127	Fine byte of Focus

32S CH Mode (continued)

Ch	Function	Default	DMX values
29	Shutter / Strobe	3	0–3 OPEN 6–6 Synchronized Strobe · MIN 0.308 Hz 7–54 Synchronized Strobe · MIN>>MAX 0.413–5.31 Hz 55–99 Synchronized Strobe · MAX 5.41–10 Hz 100–104 Pulse Strobe · MIN 0.1–0.908 Hz 105–149 Pulse Strobe · MAX 1.11–10 Hz 150–154 Flash Strobe · MIN 0.1–0.908 Hz 155–199 Flash Strobe · MAX 1.11–10 Hz 200–249 Random Strobe · MIN 0.1–10 Hz 250–255 OPEN
30	Dimmer	0	
31	Dimmer Fine	0	Fine byte of Dimmer
32	Control1	0	16–20 Pan invert on 21–25 Pan invert off 26–30 Tilt invert on 31–35 Tilt invert off 36–40 Mobile light blocking on 41–50 Mobile light blocking off 51–55 Fan automatic 56–60 Fan full on 61–65 Silent fan 66–70 Ultra quiet fan 71–75 Linear 76–80 Square 81–85 Inverse square curve 86–90 S-curve 91–95 400hz 96–100 1200hz 101–105 2000hz 106–110 4000Hz 111–115 6000Hz 116–120 8000hz 121–125 16KHz 126–130 24KHz 131–135 The display stays on 136–140 The display shows 10 seconds 141–145 The display shows 30 seconds 146–150 The display shows 1 mins 151–155 Standard dimming 156–160 Fast dimming 161–165 X/Y Reset 166–170 Head Reset 171–175 Reset All 176–180 Signal remains on 181–255 Signal remains off

42 CH Mode

42 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	127	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Position MSpeed	0	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	

42 CH Mode (continued)

Ch	Function	Default	DMX values
9	C TO	0	
10	C RIMode	0	0–127 OFF 128–255 OPEN
11	Color Wheel	6	5–5 OPEN (wheel slot 1) 6–115 Color Wheel Indexing 116–120 OPEN (wheel slot 1) 121–130 C1 (wheel slot 2) 131–140 C2 (wheel slot 3) 141–150 C3 (wheel slot 4) 151–160 C4 (wheel slot 5) 161–192 C5 (wheel slot 6) 193–193 Slow 194–222 Slow >> Fast 223–223 Fast 224–224 STOP 225–225 Fast 226–254 Fast >> Slow 255–255 Slow
12	Color Wheel Fine	6	Fine byte of Color Wheel
13	Gobo	0	0–7 WWW (wheel slot 1) 8–20 1 (wheel slot 2) 21–33 2 (wheel slot 3) 34–46 3 (wheel slot 4) 47–59 4 (wheel slot 5) 60–72 5 (wheel slot 6) 73–85 6 (wheel slot 7) 86–98 7 (wheel slot 8) 99–111 1 112–124 2 125–137 3 138–150 4 151–163 5 164–176 6 177–189 7 190–220 Fast 221–221 Slow 222–223 Stop 224–254 Slow 255–255 Slow to Fast
14	Gobo Rotation	0	0–0 0 1–126 0<360 127–127 360 128–189 Fast to Slow 190–192 Stop 193–255 Slow to Fast
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

42 CH Mode (continued)

Ch	Function	Default	DMX values
16	Gobo 2	0	0–5 WWW (wheel slot 1) 6–16 1 (wheel slot 2) 17–27 2 (wheel slot 3) 28–38 3 (wheel slot 4) 39–49 4 (wheel slot 5) 50–60 5 (wheel slot 6) 61–71 6 (wheel slot 7) 72–82 7 (wheel slot 8) 83–93 8 (wheel slot 9) 94–105 1 (wheel slot 1) 106–117 2 (wheel slot 2) 118–129 3 (wheel slot 3) 130–141 4 (wheel slot 4) 142–153 5 (wheel slot 5) 154–165 6 (wheel slot 6) 166–177 7 (wheel slot 7) 178–189 8 (wheel slot 8) 190–220 Fast 221–221 Slow 222–223 Stop 224–254 Slow 255–255 Slow to Fast
17	Animation Wheel1	0	0–6 OFF 7–7 ON 8–129 <<< 130–133 STOP 134–255 >>>
18	Iris	225	0–0 MIN 1–224 MIN >> MAX 225–225 MAX 226–234 slow 235–235 fast 236–245 IrisPulseClose 3 246–255 IrisStrobeRandom 4
19	Iris Fine	225	Fine byte of Iris
20	Prism	0	0–7 OFF (wheel slot 1) 8–255 ON (wheel slot 2)
21	Prism Rotation	0	0–0 0 1–126 0<360 127–127 360 128–189 Fast to Slow 190–190 Stop 191–255 Slow to Fast
22	Prism	0	0–7 OFF (wheel slot 1) 8–255 ON (wheel slot 2)
23	Prism Rotation	0	0–0 0 1–126 0<360 127–127 360 128–189 Fast to Slow 190–190 Stop 191–255 Slow to Fast
24	Frost1	0	0–127 OFF 128–255 ON
25	Zoom	127	
26	Zoom Fine	127	Fine byte of Zoom
27	Focus	127	
28	Focus Fine	127	Fine byte of Focus

42 CH Mode (continued)

Ch	Function	Default	DMX values
29	Shutter / Strobe	3	0–3 OPEN 6–6 Synchronized Strobe · MIN 0.308 Hz 7–54 Synchronized Strobe · MIN>>MAX 0.413–5.31 Hz 55–99 Synchronized Strobe · MAX 5.41–10 Hz 100–104 Pulse Strobe · MIN 0.1–0.908 Hz 105–149 Pulse Strobe · MAX 1.11–10 Hz 150–154 Flash Strobe · MIN 0.1–0.908 Hz 155–199 Flash Strobe · MAX 1.11–10 Hz 200–249 Random Strobe · MIN 0.1–10 Hz 250–255 OPEN
30	Dimmer	0	
31	Dimmer Fine	0	Fine byte of Dimmer
32	Shaper Rot	127	
33	Shaper Rot Fine	127	Fine byte of Shaper Rot
34	Blade1A	0	
35	Blade1B	0	
36	Blade2A	0	
37	Blade2B	0	
38	Blade3A	0	
39	Blade3B	0	
40	Blade4A	0	
41	Blade4B	0	
42	Control1	0	16–20 Pan invert on 21–25 Pan invert off 26–30 Tilt invert on 31–35 Tilt invert off 36–40 Mobile light blocking on 41–50 Mobile light blocking off 51–55 Fan automatic 56–60 Fan full on 61–65 Silent fan 66–70 Ultra quiet fan 71–75 Linear 76–80 Square 81–85 Inverse square curve 86–90 S-curve 91–95 400hz 96–100 1200hz 101–105 2000hz 106–110 4000Hz 111–115 6000Hz 116–120 8000hz 121–125 16KHz 126–130 24KHz 131–135 The display stays on 136–140 The display shows 10 seconds 141–145 The display shows 30 seconds 146–150 The display shows 1 mins 151–155 Standard dimming 156–160 Fast dimming 161–165 X/Y Reset 166–170 Head Reset 171–175 Reset All 176–180 Signal remains on 181–255 Signal remains off