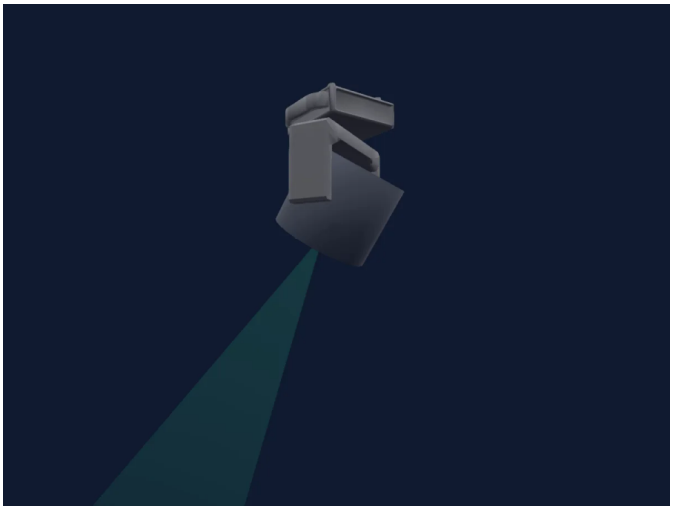
NEXSTRALE

AERO ONE 1960 IP



Manufacturer	**NEXSTRALE**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**26, 98, 251, 321 channels**
Beam angle	**3.15-45°**
Pan range	**540°**
Tilt range	**205°**
Heads / cells	**96**
Size (W × H × D)	**335 × 280 × 335 mm**
GDTF fixture type	**4A356E89-2E96-4DF8-9F0D-6B...**

Controls

Prism · Zoom · Extra LED colours · Colour temperature · Colour wheel · Dimmer · Pixel control · Pan and tilt · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Mode 1 26DMX	26 ch
Mode 1 98DMX	98 ch
Mode 1 251DMX	251 ch
Mode 1 321DMX	321 ch

Mode 1 26DMX

26 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	P TSpeed	0	
6	Zoom	128	
7	Zoom Fine	128	Fine byte of Zoom
8	Prism	6	0–127 0-360 128–190 fast to slow 191–192 Stop 193–255 slow to fast
9	Control1	0	11–16 Dimmer smooth 17–21 Dimmer Fast 22–26 400HZ 27–31 1200HZ 32–36 2000HZ 37–41 4000HZ 42–46 6000HZ 47–51 8000HZ 52–56 16000HZ 57–61 24000HZ 62–66 Linear 67–71 Square 72–76 I-Square 77–81 S-Shape 82–86 Fan Auto 87–91 Fan Silent 92–96 Fan Full 97–101 Screen Lock YES 102–106 Screen Lock NO 107–111 Display ON 112–116 Display 10S 117–121 Display 30S 122–200 Display 60S 201–215 Effect motor reset 216–230 Pan/Tilt motor reset 231–255 Overall reset
10	Dimmer	0	
11	Dimmer Fine	0	Fine byte of Dimmer
12	Shutter / Strobe	5	0–4 OFF 5–5 OPEN 11–34 MIN 35–55 MAX 56–59 MIN 60–105 MAX 106–255 MIN>>MAX
13	Shutter / Strobe 2	5	0–4 OFF 5–5 OPEN 11–34 MIN 35–55 MAX 56–59 MIN 60–105 MAX 106–255 MIN>>MAX
14	Red	255	
15	Green	255	
16	Blue	255	

Mode 1 26DMX (continued)

Ch	Function	Default	DMX values
17	Color Add GY	0	
18	Red	255	
19	Green	255	
20	Blue	255	

Mode 1 26DMX (continued)

Ch	Function	Default	DMX values
21	Gobo	0	0–1 Open 2–2 Gobo 1 3–3 Gobo 2 4–4 Gobo 3 5–5 Gobo 4 6–6 Gobo 5 7–7 Gobo 6 8–8 Gobo 7 9–9 Gobo 8 10–10 Gobo 9 11–11 Gobo 10 12–12 Gobo 11 13–13 Gobo 12 14–14 Gobo 13 15–15 Gobo 14 16–16 Gobo 15 17–17 Gobo 16 18–18 Gobo 17 19–19 Gobo 18 20–20 Gobo 19 21–21 Gobo 20 22–22 Gobo 21 23–23 Gobo 22 24–24 Gobo 23 25–25 Gobo 24 26–26 Gobo 25 27–27 Gobo 26 28–28 Gobo 27 29–29 Gobo 28 30–30 Gobo 29 31–31 Gobo 30 32–32 Gobo 31 33–33 Gobo 32 34–34 Gobo 33 35–35 Gobo 34 36–36 Gobo 35 37–37 Gobo 36 38–38 Gobo 37 39–39 Gobo 38 40–40 Gobo 39 41–41 Gobo 40 42–42 Gobo 41 43–43 Gobo 42 44–44 Gobo 43 45–45 Gobo 44 46–46 Gobo 45 47–47 Gobo 46 48–48 Gobo 47 49–49 Gobo 48 50–50 Gobo 49 51–51 Gobo 50 52–52 Gobo 51 53–53 Gobo 52 54–54 Gobo 53 55–55 Gobo 54 56–56 Gobo 55 57–57 Gobo 56 58–58 Gobo 57 59–59 Gobo 58 60–60 Gobo 59 61–61 Gobo 60 62–62 Gobo 61 63–63 Gobo 62 64–64 Gobo 63

Mode 1 26DMX (continued)

Ch	Function	Default	DMX values
22	Gobo Rotation	0	0–31 Stop 32–90 max CW 91–91 min CW 92–101 Stop 102–160 min CCW 161–161 max CCW 162–255 Stop 1

Mode 1 26DMX (continued)

Ch	Function	Default	DMX values
23	Gobo 2	0	0–1 Open 2–2 Gobo 1 3–3 Gobo 2 4–4 Gobo 3 5–5 Gobo 4 6–6 Gobo 5 7–7 Gobo 6 8–8 Gobo 7 9–9 Gobo 8 10–10 Gobo 9 11–11 Gobo 10 12–12 Gobo 11 13–13 Gobo 12 14–14 Gobo 13 15–15 Gobo 14 16–16 Gobo 15 17–17 Gobo 16 18–18 Gobo 17 19–19 Gobo 18 20–20 Gobo 19 21–21 Gobo 20 22–22 Gobo 21 23–23 Gobo 22 24–24 Gobo 23 25–25 Gobo 24 26–26 Gobo 25 27–27 Gobo 26 28–28 Gobo 27 29–29 Gobo 28 30–30 Gobo 29 31–31 Gobo 30 32–32 Gobo 31 33–33 Gobo 32 34–34 Gobo 33 35–35 Gobo 34 36–36 Gobo 35 37–37 Gobo 36 38–38 Gobo 37 39–39 Gobo 38 40–40 Gobo 39 41–41 Gobo 40 42–42 Gobo 41 43–43 Gobo 42 44–44 Gobo 43 45–45 Gobo 44 46–46 Gobo 45 47–47 Gobo 46 48–48 Gobo 47 49–49 Gobo 48 50–50 Gobo 49 51–51 Gobo 50 52–52 Gobo 51 53–53 Gobo 52 54–54 Gobo 53 55–55 Gobo 54 56–56 Gobo 55 57–57 Gobo 56 58–58 Gobo 57 59–59 Gobo 58 60–60 Gobo 59 61–61 Gobo 60 62–62 Gobo 61 63–63 Gobo 62 64–64 Gobo 63

Mode 1 26DMX (continued)

Ch	Function	Default	DMX values
24	Gobo Rotation	0	0–31 Stop 32–90 max CW 91–91 min CW 92–101 Stop 102–160 min CCW 161–161 max CCW 162–255 Stop 1
25	Color Wheel	0	0–0 Wheel Slot 1 (wheel slot 1) 1–1 Wheel Slot 2 (wheel slot 2) 2–2 Wheel Slot 3 (wheel slot 3) 3–3 Wheel Slot 4 (wheel slot 4) 4–4 Wheel Slot 5 (wheel slot 5) 5–5 Wheel Slot 6 (wheel slot 6) 6–6 Wheel Slot 7 (wheel slot 7) 7–8 Wheel Slot 8 (wheel slot 8) 9–9 Wheel Slot 9 (wheel slot 9) 10–10 Wheel Slot 10 (wheel slot 10) 11–11 Wheel Slot 11 (wheel slot 11) 12–12 Wheel Slot 12 (wheel slot 12) 13–13 Wheel Slot 13 (wheel slot 13) 14–14 Wheel Slot 14 (wheel slot 14) 15–15 Wheel Slot 15 (wheel slot 15) 16–16 Wheel Slot 16 (wheel slot 16) 17–17 Wheel Slot 17 (wheel slot 17) 18–18 Wheel Slot 18 (wheel slot 18) 19–19 Wheel Slot 19 (wheel slot 19) 20–20 Wheel Slot 20 (wheel slot 20) 21–21 Wheel Slot 21 (wheel slot 21) 22–23 Wheel Slot 22 (wheel slot 22) 24–24 Wheel Slot 23 (wheel slot 23) 25–25 Wheel Slot 24 (wheel slot 24) 26–26 Wheel Slot 25 (wheel slot 25) 27–27 Wheel Slot 26 (wheel slot 26) 28–28 Wheel Slot 27 (wheel slot 27) 29–29 Wheel Slot 28 (wheel slot 28) 30–30 Wheel Slot 29 (wheel slot 29) 31–31 Wheel Slot 30 (wheel slot 30) 32–32 Wheel Slot 31 (wheel slot 31) 33–33 Wheel Slot 32 (wheel slot 32) 34–34 Wheel Slot 33 (wheel slot 33) 35–35 Wheel Slot 34 (wheel slot 34) 36–36 Wheel Slot 35 (wheel slot 35) 37–38 Wheel Slot 36 (wheel slot 36) 39–39 Wheel Slot 37 (wheel slot 37) 40–40 Wheel Slot 38 (wheel slot 38) 41–41 Wheel Slot 39 (wheel slot 39) 42–42 Wheel Slot 40 (wheel slot 40) 43–43 Wheel Slot 41 (wheel slot 41) 44–44 Wheel Slot 42 (wheel slot 42) 45–45 Wheel Slot 43 (wheel slot 43) 136–136 max CCW 137–165 CCW 166–194 CW 195–195 max CW 196–205 R-G 206–215 R-B 216–225 R-W 226–235 G-B 236–245 G-W 246–255 B-W
26	C TO	0	

Mode 1 98DMX

98 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	P TSpeed	0	
6	Zoom	128	
7	Zoom Fine	128	Fine byte of Zoom
8	Prism	6	0–127 0-360 128–190 fast to slow 191–192 Stop 193–255 slow to fast
9	Control1	0	
10	D IM2	0	
11	D IM2 Fine	0	Fine byte of D IM2
12	Shutter / Strobe 2	5	0–4 OFF 5–5 OPEN 11–34 MIN 35–55 MAX 56–59 MIN 60–105 MAX 106–255 MIN>>MAX
13	Red	255	
14	Green	255	
15	Blue	255	

Mode 1 98DMX (continued)

Ch	Function	Default	DMX values
16	Gobo	0	0–1 Open 2–2 Gobo 1 3–3 Gobo 2 4–4 Gobo 3 5–5 Gobo 4 6–6 Gobo 5 7–7 Gobo 6 8–8 Gobo 7 9–9 Gobo 8 10–10 Gobo 9 11–11 Gobo 10 12–12 Gobo 11 13–13 Gobo 12 14–14 Gobo 13 15–15 Gobo 14 16–16 Gobo 15 17–17 Gobo 16 18–18 Gobo 17 19–19 Gobo 18 20–20 Gobo 19 21–21 Gobo 20 22–22 Gobo 21 23–23 Gobo 22 24–24 Gobo 23 25–25 Gobo 24 26–26 Gobo 25 27–27 Gobo 26 28–28 Gobo 27 29–29 Gobo 28 30–30 Gobo 29 31–31 Gobo 30 32–32 Gobo 31 33–33 Gobo 32 34–34 Gobo 33 35–35 Gobo 34 36–36 Gobo 35 37–37 Gobo 36 38–38 Gobo 37 39–39 Gobo 38 40–40 Gobo 39 41–41 Gobo 40 42–42 Gobo 41 43–43 Gobo 42 44–44 Gobo 43 45–45 Gobo 44 46–46 Gobo 45 47–47 Gobo 46 48–48 Gobo 47 49–49 Gobo 48 50–50 Gobo 49 51–51 Gobo 50 52–52 Gobo 51 53–53 Gobo 52 54–54 Gobo 53 55–55 Gobo 54 56–56 Gobo 55 57–57 Gobo 56 58–58 Gobo 57 59–59 Gobo 58 60–60 Gobo 59 61–61 Gobo 60 62–62 Gobo 61 63–63 Gobo 62 64–64 Gobo 63

Mode 1 98DMX (continued)

Ch	Function	Default	DMX values
17	Gobo Rotation	0	0–31 Stop 32–90 max CW 91–91 min CW 92–101 Stop 102–160 min CCW 161–161 max CCW 162–255 Stop 1
18	Dimmer	0	
19	Dimmer Fine	0	Fine byte of Dimmer
20	Shutter / Strobe	5	0–4 OFF 5–5 OPEN 11–34 MIN 35–55 MAX 56–59 MIN 60–105 MAX 106–255 MIN>>MAX

Mode 1 98DMX (continued)

Ch	Function	Default	DMX values
21	Color Wheel	0	0–0 Wheel Slot 1 (wheel slot 1) 1–1 Wheel Slot 2 (wheel slot 2) 2–2 Wheel Slot 3 (wheel slot 3) 3–3 Wheel Slot 4 (wheel slot 4) 4–4 Wheel Slot 5 (wheel slot 5) 5–5 Wheel Slot 6 (wheel slot 6) 6–6 Wheel Slot 7 (wheel slot 7) 7–8 Wheel Slot 8 (wheel slot 8) 9–9 Wheel Slot 9 (wheel slot 9) 10–10 Wheel Slot 10 (wheel slot 10) 11–11 Wheel Slot 11 (wheel slot 11) 12–12 Wheel Slot 12 (wheel slot 12) 13–13 Wheel Slot 13 (wheel slot 13) 14–14 Wheel Slot 14 (wheel slot 14) 15–15 Wheel Slot 15 (wheel slot 15) 16–16 Wheel Slot 16 (wheel slot 16) 17–17 Wheel Slot 17 (wheel slot 17) 18–18 Wheel Slot 18 (wheel slot 18) 19–19 Wheel Slot 19 (wheel slot 19) 20–20 Wheel Slot 20 (wheel slot 20) 21–21 Wheel Slot 21 (wheel slot 21) 22–23 Wheel Slot 22 (wheel slot 22) 24–24 Wheel Slot 23 (wheel slot 23) 25–25 Wheel Slot 24 (wheel slot 24) 26–26 Wheel Slot 25 (wheel slot 25) 27–27 Wheel Slot 26 (wheel slot 26) 28–28 Wheel Slot 27 (wheel slot 27) 29–29 Wheel Slot 28 (wheel slot 28) 30–30 Wheel Slot 29 (wheel slot 29) 31–31 Wheel Slot 30 (wheel slot 30) 32–32 Wheel Slot 31 (wheel slot 31) 33–33 Wheel Slot 32 (wheel slot 32) 34–34 Wheel Slot 33 (wheel slot 33) 35–35 Wheel Slot 34 (wheel slot 34) 36–36 Wheel Slot 35 (wheel slot 35) 37–38 Wheel Slot 36 (wheel slot 36) 39–39 Wheel Slot 37 (wheel slot 37) 40–40 Wheel Slot 38 (wheel slot 38) 41–41 Wheel Slot 39 (wheel slot 39) 42–42 Wheel Slot 40 (wheel slot 40) 43–43 Wheel Slot 41 (wheel slot 41) 44–44 Wheel Slot 42 (wheel slot 42) 45–45 Wheel Slot 43 (wheel slot 43) 136–136 max CCW 137–165 CCW 166–194 CW 195–195 max CW 196–205 R-G 206–215 R-B 216–225 R-W 226–235 G-B 236–245 G-W 246–255 B-W
22	C TO	0	
23	Red	255	
24	Green	255	
25	Blue	255	
26	Color Add GY	0	
27	Red	255	
28	Green	255	

Mode 1 98DMX (continued)

Ch	Function	Default	DMX values
29	Blue	255	
30	Color Add GY	0	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Color Add GY	0	
35	Red	255	
36	Green	255	
37	Blue	255	
38	Color Add GY	0	
39	Red	255	
40	Green	255	
41	Blue	255	
42	Color Add GY	0	
43	Red	255	
44	Green	255	
45	Blue	255	
46	Color Add GY	0	
47	Red	255	
48	Green	255	
49	Blue	255	
50	Color Add GY	0	
51	Red	255	
52	Green	255	
53	Blue	255	
54	Color Add GY	0	
55	Red	255	
56	Green	255	
57	Blue	255	
58	Color Add GY	0	
59	Red	255	
60	Green	255	
61	Blue	255	
62	Color Add GY	0	
63	Red	255	
64	Green	255	
65	Blue	255	
66	Color Add GY	0	
67	Red	255	
68	Green	255	
69	Blue	255	
70	Color Add GY	0	
71	Red	255	
72	Green	255	
73	Blue	255	

Mode 1 98DMX (continued)

Ch	Function	Default	DMX values
74	Color Add GY	0	
75	Red	255	
76	Green	255	
77	Blue	255	
78	Color Add GY	0	
79	Red	255	
80	Green	255	
81	Blue	255	
82	Color Add GY	0	
83	Red	255	
84	Green	255	
85	Blue	255	
86	Color Add GY	0	
87	Red	255	
88	Green	255	
89	Blue	255	
90	Color Add GY	0	
91	Red	255	
92	Green	255	
93	Blue	255	
94	Color Add GY	0	
95	Red	255	
96	Green	255	
97	Blue	255	
98	Color Add GY	0	

Mode 1 251DMX

251 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	P TSpeed	0	
6	Zoom	128	
7	Zoom Fine	128	Fine byte of Zoom
8	Prism	6	0–127 0-360 128–190 fast to slow 191–192 Stop 193–255 slow to fast
9	Control1	0	
10	Dimmer	0	
11	Dimmer Fine	0	Fine byte of Dimmer

Mode 1 251DMX (continued)

Ch	Function	Default	DMX values
12	Shutter / Strobe	5	0–4 OFF 5–5 OPEN 11–34 MIN 35–55 MAX 56–59 MIN 60–105 MAX 106–255 MIN>>MAX
13	Red	255	
14	Green	255	
15	Blue	255	
16	Color Add GY	0	

Mode 1 251DMX (continued)

Ch	Function	Default	DMX values
17	Gobo	0	0–1 Open 2–2 Gobo 1 3–3 Gobo 2 4–4 Gobo 3 5–5 Gobo 4 6–6 Gobo 5 7–7 Gobo 6 8–8 Gobo 7 9–9 Gobo 8 10–10 Gobo 9 11–11 Gobo 10 12–12 Gobo 11 13–13 Gobo 12 14–14 Gobo 13 15–15 Gobo 14 16–16 Gobo 15 17–17 Gobo 16 18–18 Gobo 17 19–19 Gobo 18 20–20 Gobo 19 21–21 Gobo 20 22–22 Gobo 21 23–23 Gobo 22 24–24 Gobo 23 25–25 Gobo 24 26–26 Gobo 25 27–27 Gobo 26 28–28 Gobo 27 29–29 Gobo 28 30–30 Gobo 29 31–31 Gobo 30 32–32 Gobo 31 33–33 Gobo 32 34–34 Gobo 33 35–35 Gobo 34 36–36 Gobo 35 37–37 Gobo 36 38–38 Gobo 37 39–39 Gobo 38 40–40 Gobo 39 41–41 Gobo 40 42–42 Gobo 41 43–43 Gobo 42 44–44 Gobo 43 45–45 Gobo 44 46–46 Gobo 45 47–47 Gobo 46 48–48 Gobo 47 49–49 Gobo 48 50–50 Gobo 49 51–51 Gobo 50 52–52 Gobo 51 53–53 Gobo 52 54–54 Gobo 53 55–55 Gobo 54 56–56 Gobo 55 57–57 Gobo 56 58–58 Gobo 57 59–59 Gobo 58 60–60 Gobo 59 61–61 Gobo 60 62–62 Gobo 61 63–63 Gobo 62 64–64 Gobo 63

Mode 1 251DMX (continued)

Ch	Function	Default	DMX values
18	Gobo Rotation	0	0–31 Stop 32–90 max CW 91–91 min CW 92–101 Stop 102–160 min CCW 161–161 max CCW 162–255 Stop 1
19	Color Wheel	0	0–0 Wheel Slot 1 (wheel slot 1) 1–1 Wheel Slot 2 (wheel slot 2) 2–2 Wheel Slot 3 (wheel slot 3) 3–3 Wheel Slot 4 (wheel slot 4) 4–4 Wheel Slot 5 (wheel slot 5) 5–5 Wheel Slot 6 (wheel slot 6) 6–6 Wheel Slot 7 (wheel slot 7) 7–8 Wheel Slot 8 (wheel slot 8) 9–9 Wheel Slot 9 (wheel slot 9) 10–10 Wheel Slot 10 (wheel slot 10) 11–11 Wheel Slot 11 (wheel slot 11) 12–12 Wheel Slot 12 (wheel slot 12) 13–13 Wheel Slot 13 (wheel slot 13) 14–14 Wheel Slot 14 (wheel slot 14) 15–15 Wheel Slot 15 (wheel slot 15) 16–16 Wheel Slot 16 (wheel slot 16) 17–17 Wheel Slot 17 (wheel slot 17) 18–18 Wheel Slot 18 (wheel slot 18) 19–19 Wheel Slot 19 (wheel slot 19) 20–20 Wheel Slot 20 (wheel slot 20) 21–21 Wheel Slot 21 (wheel slot 21) 22–23 Wheel Slot 22 (wheel slot 22) 24–24 Wheel Slot 23 (wheel slot 23) 25–25 Wheel Slot 24 (wheel slot 24) 26–26 Wheel Slot 25 (wheel slot 25) 27–27 Wheel Slot 26 (wheel slot 26) 28–28 Wheel Slot 27 (wheel slot 27) 29–29 Wheel Slot 28 (wheel slot 28) 30–30 Wheel Slot 29 (wheel slot 29) 31–31 Wheel Slot 30 (wheel slot 30) 32–32 Wheel Slot 31 (wheel slot 31) 33–33 Wheel Slot 32 (wheel slot 32) 34–34 Wheel Slot 33 (wheel slot 33) 35–35 Wheel Slot 34 (wheel slot 34) 36–36 Wheel Slot 35 (wheel slot 35) 37–38 Wheel Slot 36 (wheel slot 36) 39–39 Wheel Slot 37 (wheel slot 37) 40–40 Wheel Slot 38 (wheel slot 38) 41–41 Wheel Slot 39 (wheel slot 39) 42–42 Wheel Slot 40 (wheel slot 40) 43–43 Wheel Slot 41 (wheel slot 41) 44–44 Wheel Slot 42 (wheel slot 42) 45–45 Wheel Slot 43 (wheel slot 43) 136–136 max CCW 137–165 CCW 166–194 CW 195–195 max CW 196–205 R-G 206–215 R-B 216–225 R-W 226–235 G-B 236–245 G-W 246–255 B-W
20	C TO	0	
21	D IM2	0	

Mode 1 251DMX (continued)

Ch	Function	Default	DMX values
22	D IM2 Fine	0	Fine byte of D IM2
23	Shutter / Strobe 2	5	0–4 OFF 5–5 OPEN 11–34 MIN 35–55 MAX 56–59 MIN 60–105 MAX 106–255 MIN>>MAX
24	Red	255	
25	Green	255	
26	Blue	255	
27	Red	255	
28	Green	255	
29	Blue	255	
30	Red	255	
31	Green	255	
32	Blue	255	
33	Red	255	
34	Green	255	
35	Blue	255	
36	Red	255	
37	Green	255	
38	Blue	255	
39	Red	255	
40	Green	255	
41	Blue	255	
42	Red	255	
43	Green	255	
44	Blue	255	
45	Red	255	
46	Green	255	
47	Blue	255	
48	Red	255	
49	Green	255	
50	Blue	255	
51	Red	255	
52	Green	255	
53	Blue	255	
54	Red	255	
55	Green	255	
56	Blue	255	
57	Red	255	
58	Green	255	
59	Blue	255	
60	Red	255	
61	Green	255	
62	Blue	255	

Mode 1 251DMX (continued)

Ch	Function	Default	DMX values
63	Red	255	
64	Green	255	
65	Blue	255	
66	Red	255	
67	Green	255	
68	Blue	255	
69	Red	255	
70	Green	255	
71	Blue	255	
72	Red	255	
73	Green	255	
74	Blue	255	
75	Red	255	
76	Green	255	
77	Blue	255	
78	Red	255	
79	Green	255	
80	Blue	255	
81	Red	255	
82	Green	255	
83	Blue	255	
84	Red	255	
85	Green	255	
86	Blue	255	
87	Red	255	
88	Green	255	
89	Blue	255	
90	Red	255	
91	Green	255	
92	Blue	255	
93	Red	255	
94	Green	255	
95	Blue	255	
96	Red	255	
97	Green	255	
98	Blue	255	
99	Red	255	
100	Green	255	
101	Blue	255	
102	Red	255	
103	Green	255	
104	Blue	255	
105	Red	255	
106	Green	255	
107	Blue	255	

Mode 1 251DMX (continued)

Ch	Function	Default	DMX values
108	Red	255	
109	Green	255	
110	Blue	255	
111	Red	255	
112	Green	255	
113	Blue	255	
114	Red	255	
115	Green	255	
116	Blue	255	
117	Red	255	
118	Green	255	
119	Blue	255	
120	Red	255	
121	Green	255	
122	Blue	255	
123	Red	255	
124	Green	255	
125	Blue	255	
126	Red	255	
127	Green	255	
128	Blue	255	
129	Red	255	
130	Green	255	
131	Blue	255	
132	Red	255	
133	Green	255	
134	Blue	255	
135	Red	255	
136	Green	255	
137	Blue	255	
138	Red	255	
139	Green	255	
140	Blue	255	
141	Red	255	
142	Green	255	
143	Blue	255	
144	Red	255	
145	Green	255	
146	Blue	255	
147	Red	255	
148	Green	255	
149	Blue	255	
150	Red	255	
151	Green	255	
152	Blue	255	

Mode 1 251DMX (continued)

Ch	Function	Default	DMX values
153	Red	255	
154	Green	255	
155	Blue	255	
156	Red	255	
157	Green	255	
158	Blue	255	
159	Red	255	
160	Green	255	
161	Blue	255	
162	Red	255	
163	Green	255	
164	Blue	255	
165	Red	255	
166	Green	255	
167	Blue	255	
168	Red	255	
169	Green	255	
170	Blue	255	
171	Red	255	
172	Green	255	
173	Blue	255	
174	Red	255	
175	Green	255	
176	Blue	255	
177	Red	255	
178	Green	255	
179	Blue	255	
180	Red	255	
181	Green	255	
182	Blue	255	
183	Red	255	
184	Green	255	
185	Blue	255	
186	Red	255	
187	Green	255	
188	Blue	255	
189	Red	255	
190	Green	255	
191	Blue	255	
192	Red	255	
193	Green	255	
194	Blue	255	
195	Red	255	
196	Green	255	
197	Blue	255	

Mode 1 251DMX (continued)

Ch	Function	Default	DMX values
198	Red	255	
199	Green	255	
200	Blue	255	
201	Red	255	
202	Green	255	
203	Blue	255	
204	Red	255	
205	Green	255	
206	Blue	255	
207	Red	255	
208	Green	255	
209	Blue	255	
210	Red	255	
211	Green	255	
212	Blue	255	
213	Red	255	
214	Green	255	
215	Blue	255	
216	Red	255	
217	Green	255	
218	Blue	255	
219	Red	255	
220	Green	255	
221	Blue	255	
222	Red	255	
223	Green	255	
224	Blue	255	
225	Red	255	
226	Green	255	
227	Blue	255	
228	Red	255	
229	Green	255	
230	Blue	255	
231	Red	255	
232	Green	255	
233	Blue	255	
234	Red	255	
235	Green	255	
236	Blue	255	
237	Red	255	
238	Green	255	
239	Blue	255	
240	Red	255	
241	Green	255	
242	Blue	255	

Mode 1 251DMX (continued)

Ch	Function	Default	DMX values
243	Red	255	
244	Green	255	
245	Blue	255	
246	Red	255	
247	Green	255	
248	Blue	255	
249	Red	255	
250	Green	255	
251	Blue	255	

Mode 1 321DMX

321 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	P TSpeed	0	
6	Zoom	128	
7	Zoom Fine	128	Fine byte of Zoom
8	Prism	6	0–127 0-360 128–190 fast to slow 191–192 Stop 193–255 slow to fast
9	Control1	0	
10	Dimmer	0	
11	Dimmer Fine	0	Fine byte of Dimmer
12	Shutter / Strobe	5	0–4 OFF 5–5 OPEN 11–34 MIN 35–55 MAX 56–59 MIN 60–105 MAX 106–255 MIN>>MAX
13	D IM2	0	
14	D IM2 Fine	0	Fine byte of D IM2
15	Shutter / Strobe 2	5	0–4 OFF 5–5 OPEN 11–34 MIN 35–55 MAX 56–59 MIN 60–105 MAX 106–255 MIN>>MAX

Mode 1 321DMX (continued)

Ch	Function	Default	DMX values
16	Color Wheel	0	0–0 Wheel Slot 1 (wheel slot 1) 1–1 Wheel Slot 2 (wheel slot 2) 2–2 Wheel Slot 3 (wheel slot 3) 3–3 Wheel Slot 4 (wheel slot 4) 4–4 Wheel Slot 5 (wheel slot 5) 5–5 Wheel Slot 6 (wheel slot 6) 6–6 Wheel Slot 7 (wheel slot 7) 7–8 Wheel Slot 8 (wheel slot 8) 9–9 Wheel Slot 9 (wheel slot 9) 10–10 Wheel Slot 10 (wheel slot 10) 11–11 Wheel Slot 11 (wheel slot 11) 12–12 Wheel Slot 12 (wheel slot 12) 13–13 Wheel Slot 13 (wheel slot 13) 14–14 Wheel Slot 14 (wheel slot 14) 15–15 Wheel Slot 15 (wheel slot 15) 16–16 Wheel Slot 16 (wheel slot 16) 17–17 Wheel Slot 17 (wheel slot 17) 18–18 Wheel Slot 18 (wheel slot 18) 19–19 Wheel Slot 19 (wheel slot 19) 20–20 Wheel Slot 20 (wheel slot 20) 21–21 Wheel Slot 21 (wheel slot 21) 22–23 Wheel Slot 22 (wheel slot 22) 24–24 Wheel Slot 23 (wheel slot 23) 25–25 Wheel Slot 24 (wheel slot 24) 26–26 Wheel Slot 25 (wheel slot 25) 27–27 Wheel Slot 26 (wheel slot 26) 28–28 Wheel Slot 27 (wheel slot 27) 29–29 Wheel Slot 28 (wheel slot 28) 30–30 Wheel Slot 29 (wheel slot 29) 31–31 Wheel Slot 30 (wheel slot 30) 32–32 Wheel Slot 31 (wheel slot 31) 33–33 Wheel Slot 32 (wheel slot 32) 34–34 Wheel Slot 33 (wheel slot 33) 35–35 Wheel Slot 34 (wheel slot 34) 36–36 Wheel Slot 35 (wheel slot 35) 37–38 Wheel Slot 36 (wheel slot 36) 39–39 Wheel Slot 37 (wheel slot 37) 40–40 Wheel Slot 38 (wheel slot 38) 41–41 Wheel Slot 39 (wheel slot 39) 42–42 Wheel Slot 40 (wheel slot 40) 43–43 Wheel Slot 41 (wheel slot 41) 44–44 Wheel Slot 42 (wheel slot 42) 45–45 Wheel Slot 43 (wheel slot 43) 136–136 max CCW 137–165 CCW 166–194 CW 195–195 max CW 196–205 R-G 206–215 R-B 216–225 R-W 226–235 G-B 236–245 G-W 246–255 B-W
17	C TO	0	
18	Red	255	
19	Green	255	
20	Blue	255	
21	Color Add GY	0	
22	Red	255	
23	Green	255	

Mode 1 321DMX (continued)

Ch	Function	Default	DMX values
24	Blue	255	
25	Color Add GY	0	
26	Red	255	
27	Green	255	
28	Blue	255	
29	Color Add GY	0	
30	Red	255	
31	Green	255	
32	Blue	255	
33	Color Add GY	0	
34	Red	255	
35	Green	255	
36	Blue	255	
37	Color Add GY	0	
38	Red	255	
39	Green	255	
40	Blue	255	
41	Color Add GY	0	
42	Red	255	
43	Green	255	
44	Blue	255	
45	Color Add GY	0	
46	Red	255	
47	Green	255	
48	Blue	255	
49	Color Add GY	0	
50	Red	255	
51	Green	255	
52	Blue	255	
53	Color Add GY	0	
54	Red	255	
55	Green	255	
56	Blue	255	
57	Color Add GY	0	
58	Red	255	
59	Green	255	
60	Blue	255	
61	Color Add GY	0	
62	Red	255	
63	Green	255	
64	Blue	255	
65	Color Add GY	0	
66	Red	255	
67	Green	255	
68	Blue	255	

Mode 1 321DMX (continued)

Ch	Function	Default	DMX values
69	Color Add GY	0	
70	Red	255	
71	Green	255	
72	Blue	255	
73	Color Add GY	0	
74	Red	255	
75	Green	255	
76	Blue	255	
77	Color Add GY	0	
78	Red	255	
79	Green	255	
80	Blue	255	
81	Color Add GY	0	
82	Red	255	
83	Green	255	
84	Blue	255	
85	Color Add GY	0	
86	Red	255	
87	Green	255	
88	Blue	255	
89	Color Add GY	0	
90	Red	255	
91	Green	255	
92	Blue	255	
93	Color Add GY	0	
94	Red	255	
95	Green	255	
96	Blue	255	
97	Red	255	
98	Green	255	
99	Blue	255	
100	Red	255	
101	Green	255	
102	Blue	255	
103	Red	255	
104	Green	255	
105	Blue	255	
106	Red	255	
107	Green	255	
108	Blue	255	
109	Red	255	
110	Green	255	
111	Blue	255	
112	Red	255	
113	Green	255	

Mode 1 321DMX (continued)

Ch	Function	Default	DMX values
114	Blue	255	
115	Red	255	
116	Green	255	
117	Blue	255	
118	Red	255	
119	Green	255	
120	Blue	255	
121	Red	255	
122	Green	255	
123	Blue	255	
124	Red	255	
125	Green	255	
126	Blue	255	
127	Red	255	
128	Green	255	
129	Blue	255	
130	Red	255	
131	Green	255	
132	Blue	255	
133	Red	255	
134	Green	255	
135	Blue	255	
136	Red	255	
137	Green	255	
138	Blue	255	
139	Red	255	
140	Green	255	
141	Blue	255	
142	Red	255	
143	Green	255	
144	Blue	255	
145	Red	255	
146	Green	255	
147	Blue	255	
148	Red	255	
149	Green	255	
150	Blue	255	
151	Red	255	
152	Green	255	
153	Blue	255	
154	Red	255	
155	Green	255	
156	Blue	255	
157	Red	255	
158	Green	255	

Mode 1 321DMX (continued)

Ch	Function	Default	DMX values
159	Blue	255	
160	Red	255	
161	Green	255	
162	Blue	255	
163	Red	255	
164	Green	255	
165	Blue	255	
166	Red	255	
167	Green	255	
168	Blue	255	
169	Red	255	
170	Green	255	
171	Blue	255	
172	Red	255	
173	Green	255	
174	Blue	255	
175	Red	255	
176	Green	255	
177	Blue	255	
178	Red	255	
179	Green	255	
180	Blue	255	
181	Red	255	
182	Green	255	
183	Blue	255	
184	Red	255	
185	Green	255	
186	Blue	255	
187	Red	255	
188	Green	255	
189	Blue	255	
190	Red	255	
191	Green	255	
192	Blue	255	
193	Red	255	
194	Green	255	
195	Blue	255	
196	Red	255	
197	Green	255	
198	Blue	255	
199	Red	255	
200	Green	255	
201	Blue	255	
202	Red	255	
203	Green	255	

Mode 1 321DMX (continued)

Ch	Function	Default	DMX values
204	Blue	255	
205	Red	255	
206	Green	255	
207	Blue	255	
208	Red	255	
209	Green	255	
210	Blue	255	
211	Red	255	
212	Green	255	
213	Blue	255	
214	Red	255	
215	Green	255	
216	Blue	255	
217	Red	255	
218	Green	255	
219	Blue	255	
220	Red	255	
221	Green	255	
222	Blue	255	
223	Red	255	
224	Green	255	
225	Blue	255	
226	Red	255	
227	Green	255	
228	Blue	255	
229	Red	255	
230	Green	255	
231	Blue	255	
232	Red	255	
233	Green	255	
234	Blue	255	
235	Red	255	
236	Green	255	
237	Blue	255	
238	Red	255	
239	Green	255	
240	Blue	255	
241	Red	255	
242	Green	255	
243	Blue	255	
244	Red	255	
245	Green	255	
246	Blue	255	
247	Red	255	
248	Green	255	

Mode 1 321DMX (continued)

Ch	Function	Default	DMX values
249	Blue	255	
250	Red	255	
251	Green	255	
252	Blue	255	
253	Red	255	
254	Green	255	
255	Blue	255	
256	Red	255	
257	Green	255	
258	Blue	255	
259	Red	255	
260	Green	255	
261	Blue	255	
262	Red	255	
263	Green	255	
264	Blue	255	
265	Red	255	
266	Green	255	
267	Blue	255	
268	Red	255	
269	Green	255	
270	Blue	255	
271	Red	255	
272	Green	255	
273	Blue	255	
274	Red	255	
275	Green	255	
276	Blue	255	
277	Red	255	
278	Green	255	
279	Blue	255	
280	Red	255	
281	Green	255	
282	Blue	255	
283	Red	255	
284	Green	255	
285	Blue	255	
286	Red	255	
287	Green	255	
288	Blue	255	
289	Red	255	
290	Green	255	
291	Blue	255	
292	Red	255	
293	Green	255	

Mode 1 321DMX (continued)

Ch	Function	Default	DMX values
294	Blue	255	
295	Red	255	
296	Green	255	
297	Blue	255	
298	Red	255	
299	Green	255	
300	Blue	255	
301	Red	255	
302	Green	255	
303	Blue	255	
304	Red	255	
305	Green	255	
306	Blue	255	
307	Red	255	
308	Green	255	
309	Blue	255	
310	Red	255	
311	Green	255	
312	Blue	255	
313	Red	255	
314	Green	255	
315	Blue	255	
316	Red	255	
317	Green	255	
318	Blue	255	
319	Red	255	
320	Green	255	
321	Blue	255	