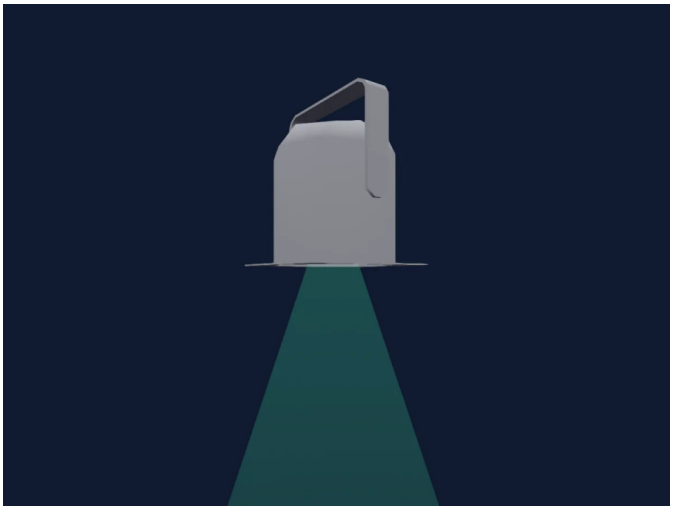
High End Systems

Dataflash 5000



Manufacturer	**High End Systems**
Type	**PAR**
DMX modes	**3**
DMX footprint	**7, 19, 54 channels**
Beam angle	**25-50°**
Heads / cells	**8**
Size (W × H × D)	**250 × 195 × 45 mm**
GDTF fixture type	**1C1ECEB6-A68C-4C6F-9246-BC...**

Controls

RGB colour mixing · Colour temperature · Colour wheel · Dimmer · Pixel control

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Reduced	7 ch
Standard	19 ch
Expanded	54 ch

Reduced

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Mode Shutter	0	
4	Strobe Rate	128	0–5 Off 6–254 Strobe Rate 255–255 Open
5	Strobe Duration	0	0–5 Duration based on Rate 6–255 Duration Short to Long
6	Color Macro1	0	
7	Control1	0	0–9 Safe 10–19 (Reserved) 20–29 Display Off (3s) 30–39 Display On(3s) 40–49 (Reserved) 50–59 Reset Fixture 60–69 Shutdown (9s) 70–79 Red Shift Off (3s) 80–89 Red Shift On (3s) 90–99 LED PWM 2400Hz (3s) 100–109 LED PWM 16kHz (3s) 110–119 Fan Control Standard (3s) 120–129 Fan Control Studio (3s) 130–139 Fan Control Silent (3s) 140–255 (Reserved)

Standard

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Mode Shutter	0	
4	Strobe Rate	128	0–5 Off 6–254 Strobe Rate 255–255 Open
5	Strobe Duration	0	0–5 Duration based on Rate 6–255 Duration Short to Long
6	Macro Mode	0	0–0 Macro Off 1–32 Strobe Macros - no COB 33–75 Strobe Macros - with COB 76–127 (Reserved) 128–169 Static Macros - no COB 170–237 Static Macros - with COB 238–255 (Reserved)
7	Macro Speed	190	0–126 Reverse - Fast to Slow 127–128 Stop 129–255 Forward - Slow to Fast
8	Macro XF	0	0–0 Off 1–255 Empty Channel Set
9	Macro NShot	0	0–0 Off 1–9 1 Shot 10–19 2 Shot 20–29 3 Shot 30–39 4 Shot 40–49 5 Shot 50–254 (Reserved) 255–255 Continuous Run

Standard (continued)

Ch	Function	Default	DMX values
10	C TB	0	0–0 3000k 1–254 3000k - 7500k 255–255 7500k
11	Delay	0	0–0 Off 1–255 2ms to 510ms
12	Control1	0	0–9 Safe 10–19 (Reserved) 20–29 Display Off (3s) 30–39 Display On(3s) 40–49 (Reserved) 50–59 Reset Fixture 60–69 Shutdown (9s) 70–79 Red Shift Off (3s) 80–89 Red Shift On (3s) 90–99 LED PWM 2400Hz (3s) 100–109 LED PWM 16kHz (3s) 110–119 Fan Control Standard (3s) 120–129 Fan Control Studio (3s) 130–139 Fan Control Silent (3s) 140–140 Pixel 1 ID 141–141 Pixel 2 ID 142–142 Pixel 3 ID 143–143 Pixel 4 ID 144–144 Pixel 5 ID 145–145 Pixel 6 ID 146–146 Pixel 7 ID 147–147 Pixel 8 ID 148–148 Pixel 1 Reclock Store 149–149 Pixel 1 Reclock Restore Default 150–255 (Reserved)
13	Dimmer	0	
14	Dimmer Fine	0	Fine byte of Dimmer
15	Strobe Mode Shutter	0	
16	Strobe Rate	128	0–5 Off 6–254 Strobe Rate 255–255 Open
17	Red	255	
18	Green	255	
19	Blue	255	

Expanded

54 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Strobe Mode Shutter	0	
4	Strobe Rate	128	0–5 Off 6–254 Strobe Rate 255–255 Open
5	Strobe Duration	0	0–5 Duration based on Rate 6–255 Duration Short to Long

Expanded (continued)

Ch	Function	Default	DMX values
6	Macro Mode	0	0–0 Macro Off 1–32 Strobe Macros - no COB 33–75 Strobe Macros - with COB 76–127 (Reserved) 128–169 Static Macros - no COB 170–237 Static Macros - with COB 238–255 (Reserved)
7	Macro Speed	190	0–126 Reverse - Fast to Slow 127–128 Stop 129–255 Forward - Slow to Fast
8	Macro XF	0	0–0 Off 1–255 Empty Channel Set
9	Macro NShot	0	0–0 Off 1–9 1 Shot 10–19 2 Shot 20–29 3 Shot 30–39 4 Shot 40–49 5 Shot 50–254 (Reserved) 255–255 Continuous Run
10	C TB	0	0–0 3000k 1–254 3000k - 7500k 255–255 7500k
11	Delay	0	0–0 Off 1–255 2ms to 510ms
12	Control1	0	0–9 Safe 10–19 (Reserved) 20–29 Display Off (3s) 30–39 Display On(3s) 40–49 (Reserved) 50–59 Reset Fixture 60–69 Shutdown (9s) 70–79 Red Shift Off (3s) 80–89 Red Shift On (3s) 90–99 LED PWM 2400Hz (3s) 100–109 LED PWM 16kHz (3s) 110–119 Fan Control Standard (3s) 120–129 Fan Control Studio (3s) 130–139 Fan Control Silent (3s) 140–140 Pixel 1 ID 141–141 Pixel 2 ID 142–142 Pixel 3 ID 143–143 Pixel 4 ID 144–144 Pixel 5 ID 145–145 Pixel 6 ID 146–146 Pixel 7 ID 147–147 Pixel 8 ID 148–148 Pixel 1 Reclock Store 149–149 Pixel 1 Reclock Restore Default 150–255 (Reserved)
13	Strobe Mode Shutter	0	
14	Strobe Rate	128	0–5 Off 6–254 Strobe Rate 255–255 Open
15	Red	255	
16	Green	255	
17	Blue	255	
18	Dimmer	0	

Expanded (continued)

Ch	Function	Default	DMX values
19	Dimmer Fine	0	Fine byte of Dimmer
20	Red	255	
21	Green	255	
22	Blue	255	
23	Dimmer	0	
24	Dimmer Fine	0	Fine byte of Dimmer
25	Red	255	
26	Green	255	
27	Blue	255	
28	Dimmer	0	
29	Dimmer Fine	0	Fine byte of Dimmer
30	Red	255	
31	Green	255	
32	Blue	255	
33	Dimmer	0	
34	Dimmer Fine	0	Fine byte of Dimmer
35	Red	255	
36	Green	255	
37	Blue	255	
38	Dimmer	0	
39	Dimmer Fine	0	Fine byte of Dimmer
40	Red	255	
41	Green	255	
42	Blue	255	
43	Dimmer	0	
44	Dimmer Fine	0	Fine byte of Dimmer
45	Red	255	
46	Green	255	
47	Blue	255	
48	Dimmer	0	
49	Dimmer Fine	0	Fine byte of Dimmer
50	Red	255	
51	Green	255	
52	Blue	255	
53	Dimmer	0	
54	Dimmer Fine	0	Fine byte of Dimmer