High End Systems

SolaFrame 3000



Manufacturer	**High End Systems**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**49 channels**
Beam angle	**6-46°**
Pan range	**540°**
Tilt range	**252°**
Size (W × H × D)	**350 × 587 × 294 mm**
GDTF fixture type	**A3FF106F-1C9A-44FB-AE1F-5F6…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Strobe · Built-in effect programmes

DMX modes

Standard	49 ch

Standard

49 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Color Mix Mode	0	0–31 Pure Mix 32–47 Cycle 48–63 Random 64–255 Reserved
6	Cyan	255	
7	Magenta	255	
8	Yellow	255	
9	C TO	255	
10	Color1Mode	48	0–15 Indexed 16–31 Forward Spin 32–47 Reverse Spin 48–63 Continous 64–79 Fast Scan 80–95 Random 96–255 Reserved
11	Color Wheel	0	0–0 Open (wheel slot 1) 1–16 Slow->Fast 17–32 Open/Red (wheel slot 1) 33–48 Red (wheel slot 2) 49–64 Red/Blue (wheel slot 2) 65–80 Blue (wheel slot 3) 81–96 Blue/Green (wheel slot 3) 97–112 Green (wheel slot 4) 113–128 Green/Orange (wheel slot 4) 129–144 Orange (wheel slot 5) 145–160 Orange/Magenta (wheel slot 5) 161–176 Magenta (wheel slot 6) 177–183 Magenta/Congo Blue (wheel slot 6) 184–192 Magenta (wheel slot 6) 193–208 Congo Blue (wheel slot 7) 209–218 Congo Blue/Open (wheel slot 7) 219–224 Congo Blue (wheel slot 7) 225–255 Open (wheel slot 1)
12	Gobo1Wheel Mode	0	0–15 Indexed 16–31 Forward Wheel Spin 32–47 Reverse Wheel Spin 48–63 Scan 64–79 Random 80–255 TBD/Indexed
13	Gobo	0	0–0 Open (wheel slot 1) 1–31 Slow->Fast 32–63 Animation (wheel slot 2) 64–95 Rip Wheel (wheel slot 3) 96–127 Curved Lines (wheel slot 4) 128–159 Technowedge (wheel slot 5) 160–191 Rings (wheel slot 6) 192–223 Psydye (wheel slot 7) 224–255 Open (wheel slot 1)
14	Gobo1Select Spin	0	0–15 Indexed 16–31 Forward Rotate 32–47 Reverse Rotate 48–63 Forward Strobe Rotate 64–79 Reverse Strobe Rotate 80–255 Reserved

Standard (continued)

Ch	Function	Default	DMX values
15	Gobo Rotation	127	
16	Gobo Rotation Fine	255	Fine byte of Gobo Rotation
17	Gobo2Wheel Mode	0	0–15 Indexed 16–31 Forward Wheel Spin 32–47 Reverse Wheel Spin 48–63 Scan 64–79 Random 80–255 TBD/Indexed
18	Gobo 2	0	0–0 Open (wheel slot 1) 1–15 Slow->Fast 16–47 Tunnel (wheel slot 2) 48–79 Bars (wheel slot 3) 80–111 Fan (wheel slot 4) 112–143 Breakup (wheel slot 5) 144–175 Burst (wheel slot 6) 176–207 Fracture (wheel slot 7) 208–239 Crosshatch (wheel slot 8) 240–255 Open (wheel slot 1)
19	Blade1A	0	0–254 Out 255–255 In
20	Blade1B	0	0–254 Out 255–255 In
21	Blade2A	0	0–254 Out 255–255 In
22	Blade2B	0	0–254 Out 255–255 In
23	Blade3A	0	0–254 Out 255–255 In
24	Blade3B	0	0–254 Out 255–255 In
25	Blade4A	0	0–254 Out 255–255 In
26	Blade4B	0	0–254 Out 255–255 In
27	Shaper Rot	127	0–126 -90 127–254 Center 255–255 +90
28	Shaper Rot Fine	255	Fine byte of Shaper Rot
29	Animation Wheel1	0	0–3 Open (wheel slot 1) 4–6 Static (wheel slot 2) 7–8 Stop (wheel slot 2) 9–255 Slow->Fast (wheel slot 2)
30	Prism	0	0–15 Open (wheel slot 1) 16–31 Indexed (wheel slot 2) 32–47 Forward Spin (wheel slot 2) 48–63 Reverse Spin (wheel slot 2) 64–255 Reserved
31	Prism Rotation	127	
32	Prism Rotation Fine	255	Fine byte of Prism Rotation
33	Frost1	0	0–0 Open 1–127 Hard->Soft 128–135 100% Frost 136–151 Strobe 152–167 Strobe Random 168–255 Open

Standard (continued)

Ch	Function	Default	DMX values
34	Focus	127	
35	Focus Fine	255	Fine byte of Focus
36	Zoom	127	0–254 Narrow 255–255 Wide
37	Zoom Fine	255	Fine byte of Zoom
38	Focus1Adjust	0	0–15 Off 16–31 5m 32–47 7;5m 48–255 10m
39	Focus1Adjust Fine	0	Fine byte of Focus1Adjust
40	Iris	255	0–254 Closed 255–255 Open
41	Strobe Mode	0	0–31 Normal Shutter 32–63 Random Random 64–95 Sync Random 96–255 Normal Shutter
42	Shutter / Strobe	255	0–23 Closed 24–229 Strobe Slow->Fast 230–255 Open
43	Dimmer	0	0–254 Closed 255–255 Open
44	Dimmer Fine	0	Fine byte of Dimmer
45	Effect	0	
46	Effect Speed	0	
47	Effects1Fade	0	
48	Global MSpeed	0	0–3 Disabled 4–255 Long->Short
49	Control1	0	0–9 None 10–19 Pan Tilt Mspeed Off 20–28 Display Off (send 20 packets) 29–35 Display On (send 20 packets) 36–48 None (TBD) 49–68 Home All (send 20 packets) 69–75 Shutdown (send 80 packets) 76–82 Studio fan control mode (send 20 packets) 83–89 Continuous fan control mode (send 20 packets) 90–96 Standard fan control mode (send 20 packets) 97–103 Disable Pan/Tilt motors 104–130 None (TBD) 131–160 Audio Sync 161–171 Internal Prog 1 scene 1-8 EEPROM 172–182 Internal Prog 2 scene 9-16 EEPROM 183–193 Internal Prog 3 scene 17-24 EEPROM 194–204 Internal Prog 4 scene 25-32 EEPROM 205–215 Internal Prog 5 scene 33-40 EEPROM 216–226 Internal Prog 6 scene 41-48 EEPROM 227–237 Internal Prog 7 scene 49-56 EEPROM 238–255 None (TBD)