High End Systems

SolaHyBeam 2000



Manufacturer	**High End Systems**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**39 channels**
Beam angle	**6-46°**
Pan range	**540°**
Tilt range	**252°**
Size (W × H × D)	**350 × 587 × 294 mm**
GDTF fixture type	**26E3A019-1FCE-4FC8-B64D-5D…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Strobe

DMX modes

Standard 39 ch

Standard

39 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	Blade1A	0	0–254 Out 255–255 In
18	Blade1B	0	0–254 Out 255–255 In
19	Blade2A	0	0–254 Out 255–255 In
20	Blade2B	0	0–254 Out 255–255 In
21	Blade3A	0	0–254 Out 255–255 In
22	Blade3B	0	0–254 Out 255–255 In
23	Blade4A	0	0–254 Out 255–255 In
24	Blade4B	0	0–254 Out 255–255 In
25	Shaper Rot	127	0–126 -90 127–254 Center 255–255 +90
26	Shaper Rot Fine	255	Fine byte of Shaper Rot
27	Frost1	0	0–0 Open 1–127 Hard->Soft 128–135 100% Frost 136–151 Strobe 152–167 Strobe Random 168–255 Open
28	Frost2	0	0–0 Open 1–127 Hard->Soft 128–135 100% Frost 136–151 Strobe 152–167 Strobe Random 168–255 Open
29	Focus	127	
30	Focus Fine	255	Fine byte of Focus
31	Zoom	127	0–254 Narrow 255–255 Wide
32	Zoom Fine	255	Fine byte of Zoom
33	Iris	255	0–254 Closed 255–255 Open
34	Strobe Mode	0	0–31 Normal Shutter 32–63 Random Random 64–95 Sync Random 96–255 Normal Shutter
35	Shutter / Strobe	255	0–23 Closed 24–229 Strobe Slow->Fast 230–255 Open
36	Dimmer	0	0–254 Closed 255–255 Open
37	Dimmer Fine	0	Fine byte of Dimmer
38	Global MSpeed	0	0–3 Disabled 4–255 Long->Short

Standard (continued)

Ch	Function	Default	DMX values
39	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)