High End Systems

SolaSpot 2000



Manufacturer	**High End Systems**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**43 channels**
Beam angle	**7-47°**
Pan range	**540°**
Tilt range	**265°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**922D4E71-43C1-5B71-8448-E2…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Built-in effect programmes

DMX modes

Standard	43 ch

Standard

43 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 (Note 3)
6	Cyan	255	
7	Magenta	255	
8	Yellow	255	
9	C TO	255	
10	Color1Wheel Mode	0	0–15 Indexed 16–31 Forward Spin 32–47 Reverse Spin 48–63 Continuous 64–79 Fast Scan 80–95 Random 96–255 Reserved (Note 3)
11	Color Wheel	0	0–16 Open (White) (wheel slot 1) 17–32 Open/Red 33–48 Red (wheel slot 2) 49–64 Red/Blue 65–80 Blue (wheel slot 3) 81–96 Blue/Green 97–112 Green (wheel slot 4) 113–128 Green/Orange 129–144 Orange (wheel slot 5) 145–160 Orange/Magenta 161–176 Magenta (wheel slot 6) 177–192 Magenta/Dark Blue 193–208 Dark Blue (wheel slot 7) 209–224 Dark Blue/Open 225–255 Open (White) (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 Reserved (Note 3)
13	Gobo	0	0–31 Open (wheel slot 1) 32–63 Seashell (wheel slot 2) 64–95 Crescent (wheel slot 3) 96–127 Abstract (wheel slot 4) 128–159 Fracture (wheel slot 5) 160–191 Zebra (wheel slot 6) 192–223 Shower (wheel slot 7) 224–255 Open (wheel slot 1)
14	Gobo1Mode	0	0–15 Indexed 16–31 Forward Rotate 32–47 Reverse Rotate 48–63 Forward Strobe Rotate (Gobo animate) 64–79 Reverse Strobe Rotate (Gobo animate) 80–255 Reserved (Note 3)
15	Gobo Rotation	128	0–3 Indexed/Blink Modes: Position 0-360 degrees 4–255 Forward/Reverse/Forward Strobe/Reverse Strobe Ro...
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Standard (continued)

Ch	Function	Default	DMX values
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 Reserved (Note 3)
18	Gobo 2	0	0–31 Open (wheel slot 1) 32–63 Strikes (wheel slot 2) 64–95 Triangles (wheel slot 3) 96–127 Woven (wheel slot 4) 128–159 Dense Foliage (wheel slot 5) 160–191 Ice (wheel slot 6) 192–223 Tunnel (wheel slot 7) 224–255 Open (wheel slot 1)
19	Gobo2Mode	0	0–15 Indexed 16–31 Forward Rotate 32–47 Reverse Rotate 48–63 Forward Strobe Rotate (Gobo animate) 64–79 Reverse Strobe Rotate (Gobo animate) 80–255 Reserved (Note 3)
20	Gobo Rotation 2	128	0–3 Indexed/Blink Modes: Position 0-360 degrees 4–255 Forward/Reverse/Forward Strobe/Reverse Strobe Ro...
21	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
22	Animation Wheel1	0	0–3 Disengaged 4–6 Engaged, static 7–8 Engaged, motion stopped 9–70 Engaged, Forward Spin speed slow to fast 71–131 Engaged, Reverse Spin speed slow to fast 132–193 Engaged, Forward Strobe rotate slow to fast 194–255 Engaged, Reverse Strobe Rotate slow to fast
23	Animation Wheel2	0	0–3 Disengaged 4–6 Engaged, static 7–8 Engaged, motion stopped 9–70 Engaged, Forward Spin speed slow to fast 71–131 Engaged, Reverse Spin speed slow to fast 132–193 Engaged, Forward Strobe rotate slow to fast 194–255 Engaged, Reverse Strobe Rotate slow to fast
24	Prism	0	0–15 Disengaged (wheel slot 1) 16–31 Prism 1 (wheel slot 2) 32–47 Forward Spin 48–63 Reverse Spin 64–79 Forward Strobe Rotate (Effect animate) 80–95 Reverse Strobe Rotate (Effect animate) 96–255 Reserved (Note 3)
25	Prism	0	0–15 Disengaged (wheel slot 1) 16–31 Prism 2 (wheel slot 2) 32–47 Forward Spin 48–63 Reverse Spin 64–79 Forward Strobe Rotate (Effect animate) 80–95 Reverse Strobe Rotate (Effect animate) 96–255 Reserved (Note 3)
26	Prism Rotation	128	
27	Prism Rotation Fine	0	Fine byte of Prism Rotation

Standard (continued)

Ch	Function	Default	DMX values
28	Frost1	0	0–0 Open (hard edge) 1–127 Variable edge hard to soft) 128–135 Soft Edge 136–151 Periodic strobe 152–167 Random strobe 168–225 Reserved (Note 3) 226–255 No function (unprinted, assumed)
29	Focus	128	
30	Focus Fine	0	Fine byte of Focus
31	Zoom	128	
32	Zoom Fine	0	Fine byte of Zoom
33	Focus1Distance	0	0–15 Auto Focus Off 16–31 5m 32–47 7.5m 48–255 10m
34	Focus1Adjust	0	
35	Iris	255	
36	Strobe Mode Shutter	0	0–31 Normal Shutter Functions 32–63 Random Random strobe 64–95 Synchronous Random Strobe 96–255 Reserved (Note 3)
37	Shutter / Strobe	255	0–23 Close 24–229 Strobe Rate (slow to fast) 1–13 Hz 230–255 Open
38	Dimmer	0	
39	Dimmer Fine	0	Fine byte of Dimmer
40	Global MSpeed	0	0–3 Disable 4–255 Longest (252.7 seconds) to Shortest (0.15 seconds)
41	Control1	0	0–9 Safe (normal operation) 10–19 Pan & Tilt Mspeed Off 20–28 Display Off (send 20 packets) 29–35 Display On (send 20 packets) 36–48 Reserved (Note 3) 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 Reserved (Note 3) 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 Reserved (Note 3)
42	Effect 2	0	0–15 Indigo Highlighter Dim Tracking Mode: Continuous 16–41 Indigo Highlighter Dim Tracking Mode: Periodic Stro... 42–67 Indigo Highlighter Dim Tracking Mode: Random Stro... 68–127 Reserved (Note 3) 128–143 Indigo Highlighter Independent Dim Mode: Conti... 144–169 Indigo Highlighter Independent Dim Mode: Period... 170–195 Indigo Highlighter Independent Dim Mode: Rando... 196–255 Reserved (Note 3)

Standard (continued)

Ch	Function	Default	DMX values
43	Effects2Adjust1	0	

Fixture model: gdtf-high-end-systems-solaspot-2000-2611090803
Original HitLight geometry, scripted locally by the HitLight fixture agent from published dimensions and product photographs. No manufacture…
Creator: HitLight