High End Systems

Solaframe Theater



Manufacturer	**High End Systems**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**47 channels**
Beam angle	**7-42°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**332 × 655 × 328 mm**
GDTF fixture type	**B3C7B4A6-1D51-49BF-AFA3-1E…**

Controls

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

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

Mode0 — 47 ch

Mode0

47 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 Pure Mix (2)
6	Red	255	
7	Green	255	
8	Blue	255	
9	C TO	255	0–254 2800K 255–255 6000K
10	Color1Mode	48	0–15 Half 16–31 Forward Spin 32–47 Reverse Spin 48–63 Continuous 64–79 max Scan 80–95 Random 96–255 Whole
11	Color Wheel	0	0–14 Open (wheel slot 1) 15–15 Open (2) (wheel slot 1) 16–29 red (wheel slot 2) 30–44 Red (wheel slot 2) 45–47 Red (2) (wheel slot 2) 48–59 blue (wheel slot 3) 60–74 Blue (wheel slot 3) 75–79 Blue (2) (wheel slot 3) 80–89 green (wheel slot 4) 90–104 Green (wheel slot 4) 105–111 Green (2) (wheel slot 4) 112–119 yellow (wheel slot 5) 120–134 Yellow (wheel slot 5) 135–143 Yellow (2) (wheel slot 5) 144–149 orange (wheel slot 6) 150–164 Orange (wheel slot 6) 165–175 Orange (2) (wheel slot 6) 176–179 magenta (wheel slot 7) 180–194 Magenta (wheel slot 7) 195–207 Magenta (2) (wheel slot 7) 208–209 navy blue (wheel slot 8) 210–224 Navy Blue (wheel slot 8) 225–239 Navy Blue (2) (wheel slot 8) 240–254 Open (3) (wheel slot 1) 255–255 >>>
12	Gobo2Wheel Mode	0	0–15 Whole2 16–47 Spin2 48–63 Scan 64–79 Random2 80–255 Scan

Mode0 (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–24 open (wheel slot 1) 25–51 waves (wheel slot 2) 52–75 splash (wheel slot 3) 76–101 triangles (wheel slot 4) 102–127 polymoba (wheel slot 5) 128–152 stars (wheel slot 6) 153–178 modern (wheel slot 7) 179–203 crescents (wheel slot 8) 204–229 twist (wheel slot 9) 230–254 open (2) (wheel slot 1) 255–255 Max
14	Gobo1Wheel Index	0	0–15 Whole 16–31 Spin<< 32–47 Spin>>> 48–63 Scan 64–79 Random 80–255 Scan
15	Gobo	0	0–2 open (wheel slot 1) 3–55 foliage 2 (wheel slot 2) 56–84 fracture (wheel slot 3) 85–112 xylem 2 (wheel slot 4) 113–141 valient (wheel slot 5) 142–169 fire (wheel slot 6) 170–198 bars 2 (wheel slot 7) 199–226 pinwheel 2 (wheel slot 8) 227–254 open (2) (wheel slot 1) 255–255 Max>>>
16	Gobo1Wheel Mode	26	0–15 Index 16–31 Rotate 32–47 Rotate (2) 48–63 Animate 64–79 Animate (2) 80–255 Index (2)
17	Gobo Rotation	0	0–3 Min 4–126 Rotate 1 100% 127–254 Mid 255–255 Max
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
19	Blade3B	0	0–254 min 3B 255–255 max 3B
20	Blade3A	0	0–254 min 3A 255–255 max 3A
21	Blade1B	0	0–254 min 1B 255–255 max 1B
22	Blade1A	0	0–254 min 1A 255–255 max 1A
23	Blade4B	0	0–254 min 4B 255–255 max 4B
24	Blade4A	0	0–254 min 4A 255–255 max 4A
25	Blade2B	0	0–254 min 2B 255–255 max 2B
26	Blade2A	0	0–254 min 2A 255–255 max 2A
27	Shaper Rot	108	0–127 max CCW 128–254 zero 255–255 max CW

Mode0 (continued)

Ch	Function	Default	DMX values
28	Shaper Rot Fine	22	Fine byte of Shaper Rot
29	Animation Wheel1	0	0–8 open 9–69 Rotate 1 100% 70–70 >>> 71–130 Rotate -1 -100% 132–192 AnimationSteppedRotate -1 -100% 193–193 <<< (2) 194–254 AnimationSteppedRotate 1 100% 255–255 >>> (2)
30	Prism	0	0–15 Open (wheel slot 1) 16–31 4 facet linear Prism (wheel slot 2) 32–47 4 facet linear Prism<> (wheel slot 2) 48–63 4 facet linear Prism<> (2) (wheel slot 2) 64–79 4 facet linear Prism Effect<>Mode EffectModeStepp... 80–95 4 facet linear Prism Effect<>Mode EffectModeStepp... 96–255 NoFeature 1
31	Prism Rotation	0	0–3 zero 4–254 Rotate 1 100% 255–255 max CW
32	Prism Rotation Fine	0	Fine byte of Prism Rotation
33	Frost1	0	
34	Focus	128	
35	Focus Fine	0	Fine byte of Focus
36	Zoom	128	0–127 Narrow 128–254 Normal 255–255 Wide
37	Zoom Fine	0	Fine byte of Zoom
38	Iris	255	0–254 Min 255–255 Open
39	Strobe Mode	0	0–31 Normal 32–63 Rnd 64–95 Rnd Sync 96–255 Normal (2)
40	Shutter / Strobe	255	0–23 closed 24–227 min Strobe 228–228 max Strobe 229–229 open 230–255 Open
41	Dimmer	0	0–254 Closed 255–255 Open
42	Dimmer Fine	0	Fine byte of Dimmer

Mode0 (continued)

Ch	Function	Default	DMX values
43	Effect	0	0–3 Macro off 4–7 Macro1 LtoR 8–11 Macro2 Scan -1 12–15 Macro3 RtoL - 1 16–19 Macro4 LtoR - 2 20–23 Macro5 Scan - 2 24–27 Macro6 RtoL - 2 28–31 Macro7 LtoR - 3 32–35 Macro8 Scan - 3 36–39 Macro9 RtoL - 3 40–43 Macro10 Alternate - 4 44–47 Macro11 Invert LtoR - 1 48–51 Macro12 Invert Scan - 1 52–55 Macro13 Invert RtoL - 1 56–59 Macro14 Invert LtoR - 2 60–63 Macro15 Invert Scan - 2 64–67 Macro16 Invert RtoL - 2 68–71 Macro17 Invert LtoR - 3 72–75 Macro18 Invert Scan - 3 76–79 Macro 19 Invert RtoL - 3 80–83 Macro20 Out/in - 2 84–87 Macro21 Out/in/Out - 2 88–91 Macro22 In/Out - 2 92–95 Macro23 Out/In - 4 96–99 Macro24 100–103 Macro25 104–107 Macro26 108–111 Macro27 112–115 Macro28 116–119 Macro29 120–123 Macro30 124–127 Macro31 128–131 Macro32 132–135 Macro33 136–139 Macro34 140–143 Macro35 144–147 Macro36 148–151 Macro37 152–155 Macro38 156–159 Macro39 160–163 Macro40 164–167 Macro41 168–171 Macro42 172–175 Macro43 176–179 Macro44 180–183 Macro45 184–187 Macro46 188–191 Macro47 192–195 Macro48 196–199 Macro49 200–203 Macro50 204–207 Macro51 208–211 Macro52 212–215 Macro53 216–219 Macro54 220–223 Macro55 224–227 Macro56 228–231 Macro57 232–235 Macro58 236–239 Macro59 240–243 Macro60 244–247 Macro61 248–251 Macro62 252–255 Macro63

Mode0 (continued)

Ch	Function	Default	DMX values
44	Effect Speed	128	0–0 Stop 1–127 Rate 1 99% 128–128 Speed100 129–254 Speed 101 199% 255–255 Speed 200%
45	Effects1Fade	128	0–0 IntensityMacroCrossfadeTime 0% 1–127 IntensityMacroCrossfadeTime 1 100% 128–128 IntensityMacroCrossfadeTime 100% 129–254 IntensityMacroCrossfadeTime 101 199% 255–255 IntensityMacroCrossfadeTime 200%
46	Global MSpeed	0	0–3 Track 100% 4–254 max Time 255–255 min Time
47	Control1	0	0–19 Position motors enabled (5sec) 20–28 Display 0% 29–35 Display 100% 36–48 NoFeature 1 49–68 Reset (5sec) 69–75 FixtureSleep 76–96 NoFeature 2 97–103 Position motors disabled (5sec) 104–107 100Hz 108–111 2400Hz 112–115 16000Hz 116–160 NoFeature 3 161–171 Program 1 172–182 Program 2 183–193 Program 3 194–204 Program 4 205–215 Program 5 216–226 Program 6 227–237 Program 7 238–255 NoFeature 4