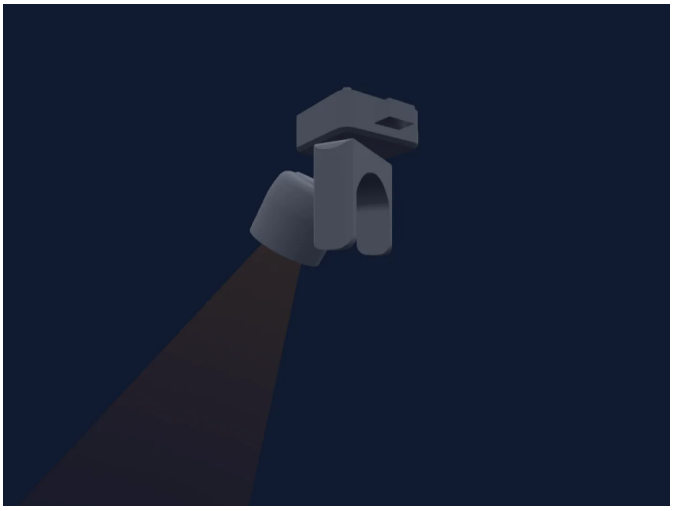
High End Systems

SolaPix 7



Manufacturer	**High End Systems**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**21 channels**
Beam angle	**4.5-60°**
Pan range	**540°**
Tilt range	**255°**
Size (W × H × D)	**205 × 186 × 205 mm**
GDTF fixture type	**489CBDE9-7600-4B27-BAFA-D…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Base	21 ch

Base

21 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Color Mix Mode	0	0–15 RGB 16–31 RBG 32–47 BRG 48–63 BGR 64–79 GRB 80–95 GBR 96–111 CMY 112–127 CYM 128–143 YCM 144–159 YMC 160–175 MCY 176–191 MYC 192–207 Cycle 208–255 Random
6	Red	255	
7	Green	255	
8	Blue	255	
9	White	255	
10	C TO	0	

Base (continued)

Ch	Function	Default	DMX values
11	Pixel Mode	0	0–2 All Pixels 3–4 Center 5–6 Ring 1 7–8 NA- Ring2 9–10 NA - Ring 3 11–12 Center and Ring 1 13–14 NA- Rings 1+2 15–16 NA Center and Ring 3 17–18 NA - Rings 1 + 2 19–20 NA - Rings 1 + 3 21–22 NA - Rings 2 + 3 23–24 NA - Cnter Ring1 Ring2 25–26 NA- Ring 1-3 27–28 NA- Center Ring2 Ring3 29–30 NA Center Ring1 Ring3 31–32 Sector 1 33–34 Sector 2 35–36 Sector 3 37–38 Sector 4 39–40 Sector 5 41–42 Sector 6 43–44 Sector 1+4 45–46 Sector 1+4+Center 47–48 Sector 2+5 49–50 Sector 2+5+Center 51–52 Sector 3+6 53–54 Sector 3+6+Center 55–56 Sector1+3+5 57–58 Sector 1+3+5+Center 59–60 Sector 2+4+6 61–62 Sector 2+4+6+Center 63–64 Sector 1+2+3 65–66 Sector 2+3+4 67–68 Sector 3+4+5 69–70 Sector 4+5+6 71–72 Sector 1+5+6 73–255 Sector 1+2+6
12	Module Priority	8	0–7 Pixel Over Flex/Macro Over Base 8–15 Flex/Macro Over Pixel Over Base 16–23 Pixel over base 24–31 Flex/Macro Over Base 32–39 Base 40–255 Pixel
13	Zoom	0	
14	Zoom Fine	0	Fine byte of Zoom
15	Strobe Mode	0	0–15 Off 16–31 Synchronous 32–47 Random 48–63 Random Pixel 64–79 Random Pixel/Color 80–255 Synchronous Randow
16	Strobe Rate	255	0–23 Off 24–229 Slow to Fast 230–255 Open
17	Dimmer	0	
18	Dimmer Fine	0	Fine byte of Dimmer
19	Position MSpeed	0	0–3 Off 4–255 Slow to Fast

Base (continued)

Ch	Function	Default	DMX values
20	Fan Mode	0	0–9 Idle 10–215 Slow to Fast 216–225 Auto 226–255 Studio
21	Control1	0	0–19 Disbable 20–28 Display Off 29–48 Display On 49–68 Home All 69–75 Shutdown 76–85 Red Shift Off 86–95 Red Shift On 96–105 LED PWM 2_4 kHz 106–115 LED PWM 1_6 kHz 116–125 Independent Base Intensity 126–185 Master Base Intensity 186–195 LED PWM 2_4 kHz (B) 196–255 LED PWM 16 kHz (B)