Clay Paky

Mini Xtylos HPE



Manufacturer	**Clay Paky**
Type	**Laser**
DMX modes	**1**
DMX footprint	**27 channels**
Beam angle	**1-4°**
Pan range	**540°**
Tilt range	**265°**
Size (W × H × D)	**181 × 230 × 200 mm**
GDTF fixture type	**5B490A16-37BF-46B1-9481-1A…**

Controls

Focus · Prism · Prism rotation · Zoom · RGB colour mixing · Colour temperature · Strobe · Dimmer · Pan and tilt

Safety-relevant functions

Laser output · Fixture reset

DMX modes

Standard	27 ch

Standard

27 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	C TO	0	0–0 Raw Mode 1–254 min 255–255 max
8	Show Set	0	0–11 Unused Range 12–16 Limited Output ON 17–21 Limited Output OFF 22–27 SOZ - HD=33ft (Smart Mode only) 28–32 SOZ - HD=27ft (Smart Mode only) 33–37 SOZ - HD=20ft (Smart Mode only) 38–42 Unused Range 43–47 Check Start 48–52 Check Stop 53–57 BAZ - Symmetric 58–62 BAZ - Pan - 180 63–67 BAZ - Custom - Tilt 1 68–72 BAZ - Custom - Pan 1 73–78 BAZ - Custom - Pan 2 79–83 BAZ - Custom - Tilt 2 84–93 Unused Range 94–99 BAZ - Invert OFF 100–104 BAZ - Invert ON 105–108 BAZ - Reset 109–113 SOZ - Symmetric (Smart Mode only) 114–118 SOZ - Pan - 180 (Smart Mode only) 119–123 SOZ - Custom - Tilt 1 (Smart Mode only) 124–129 SOZ - Custom - Pan 1 (Smart Mode only) 130–134 SOZ - Custom - Pan 2 (Smart Mode only) 135–139 SOZ - Custom - Tilt 2 (Smart Mode only) 140–149 Unused Range 150–154 SOZ - Invert OFF (Smart Mode only) 155–159 SOZ - Invert ON (Smart Mode only) 160–164 SOZ - Reset (Smart Mode only) 165–169 Complete Reset Channel 170–255 Unused Range
9	Dimmer	0	0–254 Close 255–255 Open
10	Dimmer Fine	0	Fine byte of Dimmer
11	Shutter / Strobe	255	0–3 Closed 4–102 Linear Strobe Slow to Fast · Slow 1–24.8 Hz 103–103 Linear Strobe Slow to Fast · Fast 25 Hz 104–107 Open 108–206 Pulse Fast to Slow · Fast 25–0.747 Hz 207–207 Pulse Fast to Slow · Slow 0.5 Hz 208–212 Open 213–225 Random Strobe · Slow 1–7.63 Hz 226–238 Random Strobe · Med 8.18–14.8 Hz 239–251 Random Strobe · Fast 15.4–22 Hz 252–255 Open

Standard (continued)

Ch	Function	Default	DMX values
12	Prism	0	0–32 Open (wheel slot 1) 33–64 Frost (wheel slot 2) 65–97 Linear 6 facet (wheel slot 3) 98–129 Circle 16 facet (wheel slot 4) 130–171 Frost Shake slow to Fast (wheel slot 2) 172–214 Linear 6 Facet Shake slow to Fast (wheel slot 3) 215–255 Circle 6 Facet Slow to Fast (wheel slot 4)
13	Prism Rotation	0	0–21 0 to 90 22–42 90 to 180 43–63 180 to 270 64–84 270 to 360 85–105 360 to 450 106–127 450 to 540 128–190 CCW 191–254 STOP 255–255 CW
14	Zoom	0	
15	Smart Fading	0	0–0 Not used 1–255 Linear Fade (SOZ only)
16	Baze Fading	0	0–0 No Fade 1–255 Linear Fading (BAZ only
17	Focus	0	
18	Focus Fine	0	Fine byte of Focus
19	Pan	128	
20	Pan Fine	0	Fine byte of Pan
21	Pan Rotate	255	0–0 Stop 1–127 Pan CCW Fast to Slow 128–128 Stop 129–255 Pan Cw Slow to Fast
22	Tilt	128	
23	Tilt Fine	0	Fine byte of Tilt
24	Function	12	0–11 Unused Range 12–24 Fast Pan/Tilt Speed 25–37 Normal Pan/Tilt Speed 38–50 Fast Pan Continuos Speed 51–62 Slow Pan Continuos Speed 63–75 Boost Mode OFF 76–88 Boost Mode ON 89–255 Unused Range
25	Fixture Global Reset	0	0–25 Unused Range 26–76 Effect Reset 77–127 Pan/Tilt Reset 128–255 Complete Reset
26	L EDFrequency	0	0–11 Unused Range 12–12 Base Frequency = 4700Hz 13–13 Base Frequency = 6000Hz 14–14 Base Frequency = 7300Hz 15–15 Base Frequency = 8600Hz 16–16 Base Frequency = 10000Hz 17–17 Base Frequency = 12000Hz 18–18 Base Frequency = 15000Hz 19–19 Base Frequency = 17578Hz (Default) 20–20 Base Frequency = 20000Hz 21–255 Base Frequency = 22000Hz
27	Led Freq Adjust	0	