Clay Paky

Axcor Profile 600 ST



Manufacturer	**Clay Paky**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**40 channels**
Beam angle	**5.3-47.2°**
Pan range	**540°**
Tilt range	**268°**
Size (W × H × D)	**288 × 569 × 309 mm**
GDTF fixture type	**75E23E1D-F970-4A1B-AF81-59…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Standard	40 ch

Standard

40 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	C TO	0	
5	Color Wheel	0	0–11 Open (wheel slot 1) 12–32 Dark Red (wheel slot 2) 33–53 Green (wheel slot 3) 54–74 CRI (wheel slot 4) 75–95 Gold Amber (wheel slot 5) 96–127 Navy Blue (wheel slot 6) 128–153 x1 Spin C1>> 154–178 x2 Spin C1>> 179–204 x3 Spin C1>> 205–229 x4 Spin C1>> 230–255 x5 Spin C1>>
6	Shutter / Strobe	255	0–3 Closed 4–23 Strobe · x1 Strb>> 1–5.61 Hz 24–43 Strobe · x2 Strb>> 5.85–10.5 Hz 44–63 Strobe · x3 Strb>> 10.7–15.3 Hz 64–83 Strobe · x4 Strb>> 15.5–20.2 Hz 84–103 Strobe · x5 Strb>> 20.4–25 Hz 104–107 Open 108–127 x1 PulseC>> 128–147 x2 PulseC>> 148–167 x3 PulseC>> 168–187 x4 PulseC>> 188–207 x5 PulseC>> 208–212 Open 213–220 Random · x1 RndStrb>> 1–5.42 Hz 221–228 Random · x2 RndStrb>> 6.05–10.5 Hz 229–235 Random · x3 RndStrb>> 11.1–14.9 Hz 236–243 Random · x4 RndStrb>> 15.5–19.9 Hz 244–251 Random · x5 RndStrb>> 20.6–25 Hz 252–255 Open
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Iris	131	0–32 Iris C 33–64 Iris 25% 65–97 Iris 50% 98–130 Iris 75% 131–131 Iris O 132–139 x1 PlsIris>> 140–147 x2 PlsIris>> 148–155 x3 PlsIris>> 156–163 x4 PlsIris>> 164–171 x5 PlsIris>> 172–179 x1 PlsIrisC>> 180–187 x2 PlsIrisC>> 188–195 x3 PlsIrisC>> 196–203 x4 PlsIrisC>> 204–211 x5 PlsIrisC>> 212–219 x1 PlsIrisO>> 220–227 x2 PlsIrisO>> 228–235 x3 PlsIrisO>> 236–243 x4 PlsIrisO>> 244–251 x5 PlsIrisO>> 252–255 Iris O

Standard (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–71 Gobo1 72–159 Gobo1 Spin 160–255 Gobo1 Shake
11	Reserved 11	0	
12	Gobo 2	0	0–16 Open (wheel slot 1) 17–32 Plumens (wheel slot 2) 33–48 Water Lines (wheel slot 3) 49–64 Multiple Cones (wheel slot 4) 65–81 Shattered (wheel slot 5) 82–97 Small Dots (wheel slot 6) 98–113 Broken Circle (wheel slot 7) 114–129 Half Circles (wheel slot 8) 130–147 Shake 1-1>> (wheel slot 2) 148–165 Shake 1-2>> (wheel slot 3) 166–183 Shake 1-3>> (wheel slot 4) 184–201 Shake 1-4>> (wheel slot 5) 202–219 Shake 1-5>> (wheel slot 6) 220–237 Shake 1-6>> (wheel slot 7) 238–255 Shake 1-7>> (wheel slot 8)
13	Gobo Rotation	192	0–20 0 deg 21–41 90 deg 42–62 180 deg 63–84 270 deg 85–105 360 deg 106–126 450 deg 127–127 540 deg 128–139 x5 Rot G1< 140–152 x4 Rot G1<< 153–164 x3 Rot G1<< 165–177 x2 Rot G1<< 178–190 x1 Rot G1<< 191–192 Rot G1>< 193–204 x1 Rot G1>> 205–217 x2 Rot G1>> 218–229 x3 Rot G1>> 230–242 x4 Rot G1>> 243–255 x5 Rot G1>>
14	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
15	Prism	0	0–127 No Prism (wheel slot 1) 128–255 4 Facet Prism (wheel slot 2)
16	Prism Rotation	192	0–20 0 deg 21–41 90 deg 42–63 180 deg 64–84 270 deg 85–105 360 deg 106–126 450 deg 127–127 540 deg 128–140 x5 Rot P1<< 141–152 x4 Rot P1<< 153–165 x3 Rot P1<< 166–177 x2 Rot P1<< 178–190 x1 Rot P1<< 191–192 Rot P1>< 193–205 x1 Rot P1>> 206–217 x2 Rot P1>> 218–230 x3 Rot P1>> 231–242 x4 Rot P1>> 243–255 x5 Rot P1>>
17	Frost1	0	0–254 No Frost 255–255 Frost

Standard (continued)

Ch	Function	Default	DMX values
18	Blade3B	0	
19	Blade3A	0	
20	Blade1B	0	
21	Blade1A	0	
22	Blade2B	0	
23	Blade2A	0	
24	Blade4B	0	
25	Blade4A	0	
26	Shaper Rot	128	0–41 -45 deg 42–84 -30 deg 85–127 -15 deg 128–169 0 deg127 170–212 15 deg 213–254 30 deg 255–255 45 deg
27	Focus	128	
28	Focus Fine	0	Fine byte of Focus
29	Zoom	128	0–254 Narrow 255–255 Wide
30	Focus1Distance	0	0–6 OFF AutoFocus 7–255 ON AutoFocus>>
31	Focus1Adjust	128	0–127 AutoFocus ADJ << 128–128 AutoFocus ADJ >< 129–255 AutoFocus ADJ >>
32	Pan	128	
33	Pan Fine	0	Fine byte of Pan
34	Tilt	128	
35	Tilt Fine	0	Fine byte of Tilt
36	Function	0	0–11 No Function 12–24 Fast Pan/Tilt 25–37 Normal Pan/Tilt 38–50 Conventional Dim 51–62 Standard Dim 63–75 CMY Shortcut ON 76–88 CMY Shortcut OFF 89–101 Slow Shaper 102–113 Fast Shaper 114–126 Fast Gobo 127–139 Normal Gobo 140–152 Quadratic Dim 153–164 400W Led Power 165–177 500W Led Power 178–215 No Function 216–228 Linear Dim 229–231 Display ON/OFF 232–255 No Function
37	Fixture Global Reset	0	0–25 No Function 26–76 Effect Reset 77–127 Position Reset 128–255 Reset
38	Uniform Beam	0	0–254 Normal 255–255 Boost

Standard (continued)

Ch	Function	Default	DMX values
39	Function2	0	0–11 No Function 12–12 4700Hz 13–13 6000Hz 14–14 7300Hz 15–15 8600Hz 16–16 10000Hz 17–17 12000Hz 18–18 15000Hz 19–19 17578Hz 20–20 20000Hz 21–21 22000Hz 174–255 No Function
40	L EDFrequency	128	