Clay Paky

Axcor Profile 400



Manufacturer	**Clay Paky**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**36 channels**
Beam angle	**5.3-47.2°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**336 × 614 × 305 mm**
GDTF fixture type	**F7215C77-FD2B-40FB-8F2B-9A…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Standard	36 ch

Standard

36 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	C TO	0	
5	Color Wheel	0	0–9 Open (wheel slot 1) 10–18 White-Red (wheel slot 1) 19–27 Dark Red (wheel slot 2) 28–36 Red-Blue (wheel slot 2) 37–45 Brilliant Blue (wheel slot 3) 46–54 Blue-Green (wheel slot 3) 55–63 Green (wheel slot 4) 64–72 Green-HMG (wheel slot 4) 73–81 HM Green (wheel slot 5) 82–90 HMG-Orange (wheel slot 5) 91–99 Light Orange (wheel slot 6) 100–108 Orange-Blue (wheel slot 6) 109–117 Navy Blue (wheel slot 7) 118–127 Blue-White (wheel slot 7) 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

Standard (continued)

Ch	Function	Default	DMX values
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
10	Gobo	0	0–8 Open 1 (wheel slot 1) 9–17 Small Dots (wheel slot 2) 18–26 Plumens (wheel slot 3) 27–35 Clouds V2 (wheel slot 4) 36–44 Half Circle (wheel slot 5) 45–53 Oak Tree (wheel slot 6) 54–62 Water Lines (wheel slot 7) 63–71 Broken Circle (wheel slot 8) 72–113 Spin G1<< 114–117 Spin G1>< 118–159 Spin G1>> 160–173 Shake 1-1>> (wheel slot 2) 174–187 Shake 1-2>> (wheel slot 3) 188–200 Shake 1-3>> (wheel slot 4) 201–214 Shake 1-4>> (wheel slot 5) 215–227 Shake 1-5>> (wheel slot 6) 228–241 Shake 1-6>> (wheel slot 7) 242–255 Shake 1-7>> (wheel slot 8)
11	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>>
12	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
13	Prism	0	0–127 No Prism (wheel slot 1) 128–255 4 Facet Prism (wheel slot 2)

Standard (continued)

Ch	Function	Default	DMX values
14	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>>
15	Animation Wheel1	0	0–0 No Animation (wheel slot 1) 1–255 Animation>> (wheel slot 2)
16	Animation Wheel1Pos	128	0–25 x1 Rot A1<< 26–51 x2 Rot A1<< 52–76 x3 Rot A1<< 77–102 x4 Rot A1<< 103–127 x5 Rot A1<< 128–153 x1 Rot A1>> 154–178 x2 Rot A1>> 179–204 x3 Rot A1>> 205–229 x4 Rot A1>> 230–255 x5 Rot A1>>
17	Frost1	0	0–254 No Frost 255–255 Frost
18	Focus	128	
19	Zoom	128	0–254 Narrow 255–255 Wide
20	Blade1A	0	
21	Blade1B	128	
22	Blade2A	0	
23	Blade2B	128	
24	Blade3A	0	
25	Blade3B	128	
26	Blade4A	0	
27	Blade4B	128	
28	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

Standard (continued)

Ch	Function	Default	DMX values
29	Shaper Macros	0	0–3 Macro OFF 4–11 Macro 1 12–18 Macro 2 19–25 Macro 3 26–32 Macro 4 33–39 Macro 5 40–47 Macro 6 48–54 Macro 7 55–61 Macro 8 62–68 Macro 9 69–75 Macro 10 76–82 Macro 11 83–90 Macro 12 91–97 Macro 13 98–104 Macro 14 105–111 Macro 15 112–118 Macro 16 119–125 Macro 17 126–133 Macro 18 134–140 Macro 19 141–147 Macro 20 148–154 Macro 21 155–161 Macro 22 162–168 Macro 23 169–176 Macro 24 177–183 Macro 25 184–190 Macro 26 191–197 Macro 27 198–204 Macro 28 205–211 Macro 29 212–219 Macro 30 220–226 Macro 31 227–233 Macro 32 234–240 Macro 33 241–247 Macro 34 248–255 Macro 35
30	Shaper Macros Speed	0	
31	Pan	128	
32	Pan Fine	0	Fine byte of Pan
33	Tilt	128	
34	Tilt Fine	0	Fine byte of Tilt
35	Fixture Global Reset	0	0–25 No Function 26–76 Effect Reset 77–127 Position Reset 128–255 Reset

Standard (continued)

Ch	Function	Default	DMX values
36	Function	0	0–10 No Function 11–20 600Hz 21–30 1200Hz 31–40 2000Hz 41–50 4000Hz 51–60 8000Hz 61–70 16000Hz 71–80 24000Hz 81–90 Fan Auto 91–95 Fan SLN 96–100 Fan Theatre 101–110 Fan Contest 111–120 Slow Pan/Tilt 121–130 Medium Pan/Tilt 131–140 Fast Pan/Tilt 141–150 CMY Normal 151–160 CMY Fast 161–170 Display OFF 171–180 Display ON 181–190 Curve 1 191–200 Curve 2 201–210 Curve 3 211–220 Curve 4 221–255 No Function