Clay Paky

# Axcor Profile 1000 ST



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|---|---|
| Manufacturer | **Clay Paky** |
| Type | **Profile spot** |
| DMX modes | **1** |
| DMX footprint | **41 channels** |
| Beam angle | **10-50°** |
| Pan range | **540°** |
| Tilt range | **268°** |
| Size (W × H × D) | **288 × 460 × 300 mm** |
| GDTF fixture type | **3D0FDBF0-4517-4813-8AF4-57…** |

## 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

## DMX modes

41 DMX — 41 ch

## 41 DMX

41 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Cyan | 0 | |
| 2 | Magenta | 0 | |
| 3 | Yellow | 0 | |
| 4 | C TO | 0 | |
| 5 | Color Wheel | 0 | 0–4 Open (wheel slot 1)<br>5–9 Open+C1 (wheel slot 2)<br>10–14 Color 1 (wheel slot 2)<br>15–19 Color 1+C2 (wheel slot 3)<br>20–24 Color 2 (wheel slot 3)<br>25–29 Color 2+C3 (wheel slot 4)<br>30–34 Color 3 (wheel slot 4)<br>35–39 Color 3+C4 (wheel slot 5)<br>40–44 Color 4 (wheel slot 5)<br>45–49 Color 4+C5 (wheel slot 6)<br>50–54 Color 5 (wheel slot 6)<br>55–69 Color 5+CTO (wheel slot 7)<br>70–97 x1 Spin C1>><br>98–126 x2 Spin C1>><br>127–127 x3 Spin C1>><br>128–255 Linear Color |
| 6 | Shutter / Strobe | 255 | 0–3 Closed<br>4–23 Strobe · x1 Strb>> 1–5.61 Hz<br>24–43 Strobe · x2 Strb>> 5.85–10.5 Hz<br>44–63 Strobe · x3 Strb>> 10.7–15.3 Hz<br>64–83 Strobe · x4 Strb>> 15.5–20.2 Hz<br>84–103 Strobe · x5 Strb>> 20.4–25 Hz<br>104–107 Open2<br>108–127 x1 PulseC>><br>128–147 x2 PulseC>><br>148–167 x3 PulseC>><br>168–187 x4 PulseC>><br>188–207 x5 PulseC>><br>208–212 Open3<br>213–220 Random · x1 RndStrb>> 1–5.42 Hz<br>221–228 Random · x2 RndStrb>> 6.05–10.5 Hz<br>229–235 Random · x3 RndStrb>> 11.1–14.9 Hz<br>236–243 Random · x4 RndStrb>> 15.5–19.9 Hz<br>244–251 Random · x5 RndStrb>> 20.6–25 Hz<br>252–255 Open4 |
| 7 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 8 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 9 | Iris | 0 | |

## 41 DMX (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Gobo | 0 | 0–7 Open (wheel slot 1)<br>8–15 GOBO 1 (wheel slot 2)<br>16–23 GOBO 2 (wheel slot 3)<br>24–31 GOBO 3 (wheel slot 4)<br>32–39 GOBO 4 (wheel slot 5)<br>40–47 GOBO 3 (wheel slot 4)<br>48–55 GOBO 2 (wheel slot 3)<br>56–71 GOBO 1 (wheel slot 2)<br>72–91 >>><br>92–112 >><br>113–113 ><br>114–117 Stop<br>118–137 <<br>138–158 <<br>159–159 <<<<br>160–171 GOBO 1 (wheel slot 2)<br>172–183 GOBO 2 (wheel slot 3)<br>184–195 GOBO 3 (wheel slot 4)<br>196–207 GOBO 4 (wheel slot 5)<br>208–219 GOBO 3 (wheel slot 4)<br>220–231 GOBO 2 (wheel slot 3)<br>232–243 GOBO 1 (wheel slot 2)<br>244–255 Open (wheel slot 1) |
| **11** | Gobo 2 | 0 | 0–5 Open (wheel slot 1)<br>6–10 Gobo 1 (wheel slot 2)<br>11–15 Gobo 2 (wheel slot 3)<br>16–20 Gobo 3 (wheel slot 4)<br>21–25 Gobo 4 (wheel slot 5)<br>26–30 Gobo 5 (wheel slot 6)<br>31–35 Gobo 6 (wheel slot 7)<br>36–40 Gobo 7 (wheel slot 8)<br>41–55 Shake 1-1>> (wheel slot 2)<br>56–70 Shake 1-2>> (wheel slot 3)<br>71–85 Shake 1-3>> (wheel slot 4)<br>86–100 Shake 1-4>> (wheel slot 5)<br>101–115 Shake 1-5>> (wheel slot 6)<br>116–130 Shake 1-6>> (wheel slot 7)<br>131–145 Shake 1-7>> (wheel slot 8)<br>146–146 Open2 (wheel slot 1)<br>202–227 ><br>228–254 >><br>255–255 >>> |
| **12** | Gobo Rotation | 0 | 0–127 0 -360 deg<br>128–158 >>><br>159–189 >><br>190–190 ><br>191–192 Stop<br>193–222 <<br>223–254 <<<br>255–255 <<<< |
| **13** | Gobo Rotation Fine | 0 | Fine byte of Gobo Rotation |
| **14** | Prism | 0 | 0–127 No Prism (wheel slot 1)<br>128–255 4 Facet Prism (wheel slot 2) |

## 41 DMX (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **15** | Prism Rotation | 192 | 0–127 0 -360 deg<br>128–140 x5 Rot P1<<<br>141–152 x4 Rot P1<<<br>153–165 x3 Rot P1<<<br>166–177 x2 Rot P1<<<br>178–190 x1 Rot P1<<<br>191–192 Stop<br>193–205 x1 Rot P1>>>br>206–217 x2 Rot P1>>>br>218–230 x3 Rot P1>>>br>231–242 x4 Rot P1>>>br>243–255 x5 Rot P1>>> |
| **16** | Effect Entry | 0 | 0–7 None<br>8–255 Openeffect |
| **17** | Gobo1Select Effects | 0 | 0–7 None<br>8–130 ><br>131–254 >><br>255–255 >>> |
| **18** | Frost1 | 0 | 0–126 No Frost<br>127–255 Frost |
| **19** | C RIMode | 0 | 0–126 None<br>127–255 CRI |
| **20** | Focus | 128 | |
| **21** | Focus Fine | 0 | Fine byte of Focus |
| **22** | Zoom | 127 | 0–254 Narrow<br>255–255 Wide |
| **23** | Zoom Fine | 255 | Fine byte of Zoom |
| **24** | Blade1A | 0 | |
| **25** | Blade1B | 0 | |
| **26** | Blade2A | 0 | |
| **27** | Blade2B | 0 | |
| **28** | Blade3A | 0 | |
| **29** | Blade3B | 0 | |
| **30** | Blade4A | 0 | |
| **31** | Blade4B | 0 | |
| **32** | Shaper Rot | 128 | 0–41 -45 deg<br>42–84 -30 deg<br>85–127 -15 deg<br>128–169 0 deg127<br>170–212 15 deg<br>213–254 30 deg<br>255–255 45 deg |
| **33** | Frame Macro | 0 | |
| **34** | Macro Speed | 0 | |
| **35** | Pan | 128 | |
| **36** | Pan Fine | 0 | Fine byte of Pan |
| **37** | Tilt | 128 | |
| **38** | Tilt Fine | 0 | Fine byte of Tilt |
| **39** | Reset | 0 | 0–25 None<br>26–76 Reset Effect<br>77–127 Reset XY<br>128–255 Reset whole |

## 41 DMX (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **40** | Function | 0 | 0–190 None<br>191–210 XY speed 200<br>211–255 None2 |
| **41** | Tint | 0 | |