Clay Paky

Axcor Beam 300



Manufacturer	**Clay Paky**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**14, 16 channels**
Beam angle	**47.2°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**336 × 614 × 305 mm**
GDTF fixture type	**DA81A30E-9297-4D58-ADA5-1…**

Controls

Focus · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Gobos

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Standard	14 ch
Sharpy	16 ch

Standard

14 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–8 Open (wheel slot 1) 9–16 Dark Red (wheel slot 15) 17–25 Orange (wheel slot 14) 26–33 Aquamarine (wheel slot 13) 34–42 Dark Green (wheel slot 12) 43–50 Light Green (wheel slot 11) 51–59 1/2 -Green (wheel slot 10) 60–67 Pink (wheel slot 9) 68–76 Yellow (wheel slot 8) 77–84 Magenta (wheel slot 7) 85–93 Cyan (wheel slot 6) 94–101 CTO 2 (wheel slot 5) 102–110 CTO 1 (wheel slot 4) 111–118 CTB (wheel slot 3) 119–127 Dark Blue (wheel slot 2) 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>>
2	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
3	Dimmer	0	0–254 Closed 255–255 Open
4	Dimmer Fine	0	Fine byte of Dimmer

Standard (continued)

Ch	Function	Default	DMX values
5	Gobo	0	0–3 Open (wheel slot 1) 4–7 aB300 1 (wheel slot 2) 8–11 aB300 2 (wheel slot 3) 12–15 aB300 3 (wheel slot 4) 16–19 aB300 4 (wheel slot 5) 20–23 aB300 5 (wheel slot 6) 24–27 aB300 6 (wheel slot 7) 28–31 aB300 7 (wheel slot 8) 32–35 aB300 8 (wheel slot 9) 36–39 aB300 9 (wheel slot 10) 40–43 aB300 10 (wheel slot 11) 44–47 aB300 11 (wheel slot 12) 48–51 aB300 12 (wheel slot 13) 52–55 aB300 13 (wheel slot 14) 56–59 aB300 14 (wheel slot 15) 60–63 aB300 15 (wheel slot 16) 64–67 aB300 16 (wheel slot 17) 68–71 aB300 17 (wheel slot 18) 72–113 Spin G2<< 114–117 Spin G2>< 118–159 Spin G2>> 160–165 Shake 1-1>> (wheel slot 2) 166–171 Shake 1-2>> (wheel slot 3) 172–176 Shake 1-3>> (wheel slot 4) 177–182 Shake 1-4>> (wheel slot 5) 183–187 Shake 1-5>> (wheel slot 6) 188–193 Shake 1-6>> (wheel slot 7) 194–199 Shake 1-7>> (wheel slot 8) 200–204 Shake 1-8>> (wheel slot 9) 205–210 Shake 1-9>> (wheel slot 10) 211–215 Shake 1-10>> (wheel slot 11) 216–221 Shake 1-11>> (wheel slot 12) 222–227 Shake 1-12>> (wheel slot 13) 228–232 Shake 1-13>> (wheel slot 14) 233–238 Shake 1-14>> (wheel slot 15) 239–243 Shake 1-15>> (wheel slot 16) 244–249 Shake 1-16>> (wheel slot 17) 250–255 Shake 1-17>> (wheel slot 18)
6	Prism	0	0–127 No Prism (wheel slot 1) 128–255 8 Facet Prism (wheel slot 2)
7	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>>
8	Focus	0	
9	Pan	128	
10	Pan Fine	0	Fine byte of Pan

Standard (continued)

Ch	Function	Default	DMX values
11	Tilt	128	
12	Tilt Fine	0	Fine byte of Tilt
13	Fixture Global Reset	0	0–25 No Function 26–76 Effect Reset 77–127 Position Reset 128–255 Reset
14	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

Sharpy

16 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–8 Open (wheel slot 1) 9–16 Dark Red (wheel slot 15) 17–25 Orange (wheel slot 14) 26–33 Aquamarine (wheel slot 13) 34–42 Dark Green (wheel slot 12) 43–50 Light Green (wheel slot 11) 51–59 1/2 -Green (wheel slot 10) 60–67 Pink (wheel slot 9) 68–76 Yellow (wheel slot 8) 77–84 Magenta (wheel slot 7) 85–93 Cyan (wheel slot 6) 94–101 CTO 2 (wheel slot 5) 102–110 CTO 1 (wheel slot 4) 111–118 CTB (wheel slot 3) 119–127 Dark Blue (wheel slot 2) 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>>

Sharpy (continued)

Ch	Function	Default	DMX values
2	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
3	Dimmer	0	0–254 Closed 255–255 Open
4	Gobo	0	0–3 Open (wheel slot 1) 4–7 aB300 1 (wheel slot 2) 8–11 aB300 2 (wheel slot 3) 12–15 aB300 3 (wheel slot 4) 16–19 aB300 4 (wheel slot 5) 20–23 aB300 5 (wheel slot 6) 24–27 aB300 6 (wheel slot 7) 28–31 aB300 7 (wheel slot 8) 32–35 aB300 8 (wheel slot 9) 36–39 aB300 9 (wheel slot 10) 40–43 aB300 10 (wheel slot 11) 44–47 aB300 11 (wheel slot 12) 48–51 aB300 12 (wheel slot 13) 52–55 aB300 13 (wheel slot 14) 56–59 aB300 14 (wheel slot 15) 60–63 aB300 15 (wheel slot 16) 64–67 aB300 16 (wheel slot 17) 68–71 aB300 17 (wheel slot 18) 72–113 Spin G2<< 114–117 Spin G2>< 118–159 Spin G2>> 160–165 Shake 1-1>> (wheel slot 2) 166–171 Shake 1-2>> (wheel slot 3) 172–176 Shake 1-3>> (wheel slot 4) 177–182 Shake 1-4>> (wheel slot 5) 183–187 Shake 1-5>> (wheel slot 6) 188–193 Shake 1-6>> (wheel slot 7) 194–199 Shake 1-7>> (wheel slot 8) 200–204 Shake 1-8>> (wheel slot 9) 205–210 Shake 1-9>> (wheel slot 10) 211–215 Shake 1-10>> (wheel slot 11) 216–221 Shake 1-11>> (wheel slot 12) 222–227 Shake 1-12>> (wheel slot 13) 228–232 Shake 1-13>> (wheel slot 14) 233–238 Shake 1-14>> (wheel slot 15) 239–243 Shake 1-15>> (wheel slot 16) 244–249 Shake 1-16>> (wheel slot 17) 250–255 Shake 1-17>> (wheel slot 18)
5	Prism	0	0–127 No Prism (wheel slot 1) 128–255 8 Facet Prism (wheel slot 2)

Sharpy (continued)

Ch	Function	Default	DMX values
6	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>>
7	Dimmer Fine	0	Fine byte of Dimmer
8	Reserved 8	0	
9	Focus	0	
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	
13	Tilt Fine	0	Fine byte of Tilt
14	Fixture Global Reset	0	0–25 No Function 26–76 Effect Reset 77–127 Position Reset 128–255 Reset
15	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
16	Dummy	0	