Clay Paky

Mini-B Aqua PX



Manufacturer	**Clay Paky**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**3, 4, 15, 19, 31, 37 channels**
Beam angle	**4-55°**
Pan range	**540°**
Tilt range	**260°**
Heads / cells	**2**
Size (W × H × D)	**187 × 217 × 187 mm**
GDTF fixture type	**56590BC2-62E9-408D-8788-21…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Strobe · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Fixture reset · Strobe

DMX modes

RGB	3 ch
RGBW	4 ch
Basic	15 ch
Basic+RGBW	19 ch
Advanced	31 ch
Standard	37 ch

RGB

3 channels

Ch	Function	Default	DMX values
1	Color RGBRed	0	
2	Color RGBGreen	0	
3	Color RGBBlue	0	

RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

Basic

15 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 0% (wheel slot 1) 255–255 100%
2	Green	0	0–254 0% (wheel slot 1) 255–255 100%
3	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
4	White	0	0–254 0% (wheel slot 1) 255–255 100%
5	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K
6	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Slow 103–103 Fast 104–107 Open (wheel slot 1) 108–206 Slow (wheel slot 1) 207–207 Fast 208–212 Open (wheel slot 1) 213–225 Slow 226–238 Medium 239–251 Fast 252–255 Open (wheel slot 1)
7	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
8	Dimmer Fine	0	Fine byte of Dimmer
9	Pan	128	
10	Pan Fine	0	Fine byte of Pan
11	Tilt	128	
12	Tilt Fine	0	Fine byte of Tilt
13	Zoom	0	0–254 Narrow 255–255 Wide

Basic (continued)

Ch	Function	Default	DMX values
14	Control1	0	0–1 None (wheel slot 1) 2–3 Fans Auto (wheel slot 1) 4–5 Fans SLN (wheel slot 1) 6–7 Fans Theatre (wheel slot 1) 8–9 Fans Constant (wheel slot 1) 10–11 None (wheel slot 1) 12–24 Fast 25–37 Normal 38–42 Dimmer Curve 1 (wheel slot 1) 43–47 Dimmer Curve 2 (wheel slot 1) 48–52 Dimmer Curve 3 (wheel slot 1) 53–55 Dimmer Curve 4 (wheel slot 1) 56–57 Dimmer Curve 5 (wheel slot 1) 58–62 1 63–67 1 point 5 68–72 2 point 2 73–74 Off (wheel slot 1) 75–76 Factory 77–78 Customized 79–80 Set Custom Calib @FullWhite 81–82 Set Custom Calib @3200K 83–84 Set Custom Calib @5600K 85–86 Save Custom Calib 87–88 None 89–90 Rev Map Off (wheel slot 1) 91–92 Rev Map On (wheel slot 1) 93–97 Pixel Map Off (wheel slot 1) 98–102 Pixel Map RGB (wheel slot 1) 103–107 Pixel Map RGBW (wheel slot 1) 108–117 Zoom Reposition 118–167 Free (wheel slot 1) 168–188 600Hz (wheel slot 1) 189–199 1200Hz (wheel slot 1) 200–210 2000Hz (wheel slot 1) 211–221 4000Hz (wheel slot 1) 222–232 6000Hz (wheel slot 1) 233–243 25000Hz (wheel slot 1) 244–248 Display Off (wheel slot 1) 249–253 Display On (wheel slot 1) 254–255 Default Function Recall
15	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset 77–127 Pan/Tilt Reset (wheel slot 1) 128–255 Complete Reset

Basic+RGBW

19 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 0% (wheel slot 1) 255–255 100%
2	Green	0	0–254 0% (wheel slot 1) 255–255 100%
3	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
4	White	0	0–254 0% (wheel slot 1) 255–255 100%
5	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K

Basic+RGBW (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Slow 103–103 Fast 104–107 Open (wheel slot 1) 108–206 Slow (wheel slot 1) 207–207 Fast 208–212 Open (wheel slot 1) 213–225 Slow 226–238 Medium 239–251 Fast 252–255 Open (wheel slot 1)
7	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
8	Dimmer Fine	0	Fine byte of Dimmer
9	Pan	128	
10	Pan Fine	0	Fine byte of Pan
11	Tilt	128	
12	Tilt Fine	0	Fine byte of Tilt
13	Zoom	0	0–254 Narrow 255–255 Wide
14	Control1	0	0–1 None (wheel slot 1) 2–3 Fans Auto (wheel slot 1) 4–5 Fans SLN (wheel slot 1) 6–7 Fans Theatre (wheel slot 1) 8–9 Fans Constant (wheel slot 1) 10–11 None (wheel slot 1) 12–24 Fast 25–37 Normal 38–42 Dimmer Curve 1 (wheel slot 1) 43–47 Dimmer Curve 2 (wheel slot 1) 48–52 Dimmer Curve 3 (wheel slot 1) 53–55 Dimmer Curve 4 (wheel slot 1) 56–57 Dimmer Curve 5 (wheel slot 1) 58–62 1 63–67 1 point 5 68–72 2 point 2 73–74 Off (wheel slot 1) 75–76 Factory 77–78 Customized 79–80 Set Custom Calib @FullWhite 81–82 Set Custom Calib @3200K 83–84 Set Custom Calib @5600K 85–86 Save Custom Calib 87–88 None 89–90 Rev Map Off (wheel slot 1) 91–92 Rev Map On (wheel slot 1) 93–97 Pixel Map Off (wheel slot 1) 98–102 Pixel Map RGB (wheel slot 1) 103–107 Pixel Map RGBW (wheel slot 1) 108–117 Zoom Reposition 118–167 Free (wheel slot 1) 168–188 600Hz (wheel slot 1) 189–199 1200Hz (wheel slot 1) 200–210 2000Hz (wheel slot 1) 211–221 4000Hz (wheel slot 1) 222–232 6000Hz (wheel slot 1) 233–243 25000Hz (wheel slot 1) 244–248 Display Off (wheel slot 1) 249–253 Display On (wheel slot 1) 254–255 Default Function Recall

Basic+RGBW (continued)

Ch	Function	Default	DMX values
15	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset 77–127 Pan/Tilt Reset (wheel slot 1) 128–255 Complete Reset
16	Red	0	
17	Green	0	
18	Blue	0	
19	White	0	

Advanced

31 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 0% (wheel slot 1) 255–255 100%
2	Green	0	0–254 0% (wheel slot 1) 255–255 100%
3	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
4	White	0	0–254 0% (wheel slot 1) 255–255 100%
5	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K
6	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Slow 103–103 Fast 104–107 Open (wheel slot 1) 108–206 Pulsation Slow (wheel slot 1) 207–207 Pulsation Fast 208–212 Open (wheel slot 1) 213–225 Random Slow 226–238 Random Medium 239–251 Random Fast 252–255 Open (wheel slot 1)
7	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
8	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Slow 103–103 Fast 104–107 Open (wheel slot 1) 108–206 Slow (wheel slot 1) 207–207 Fast 208–212 Open (wheel slot 1) 213–225 Slow 226–238 Medium 239–251 Fast 252–255 Open (wheel slot 1)
9	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
10	Dimmer Fine	0	Fine byte of Dimmer
11	Pan	128	
12	Pan Fine	0	Fine byte of Pan
13	Tilt	128	
14	Tilt Fine	0	Fine byte of Tilt

Advanced (continued)

Ch	Function	Default	DMX values
15	Zoom	0	0–254 Narrow 255–255 Wide
16	Control1	0	0–1 None (wheel slot 1) 2–3 Fans Auto (wheel slot 1) 4–5 Fans SLN (wheel slot 1) 6–7 Fans Theatre (wheel slot 1) 8–9 Fans Constant (wheel slot 1) 10–11 None (wheel slot 1) 12–24 Fast 25–37 Normal 38–42 Dimmer Curve 1 (wheel slot 1) 43–47 Dimmer Curve 2 (wheel slot 1) 48–52 Dimmer Curve 3 (wheel slot 1) 53–55 Dimmer Curve 4 (wheel slot 1) 56–57 Dimmer Curve 5 (wheel slot 1) 58–62 1 63–67 1 point 5 68–72 2 point 2 73–74 Off (wheel slot 1) 75–76 Factory 77–78 Customized 79–80 Set Custom Calib @FullWhite 81–82 Set Custom Calib @3200K 83–84 Set Custom Calib @5600K 85–86 Save Custom Calib 87–88 None 89–90 Rev Map Off (wheel slot 1) 91–92 Rev Map On (wheel slot 1) 93–97 Pixel Mapping Off (wheel slot 1) 98–102 Pixel Mapping RGB (wheel slot 1) 103–107 Pixel Mapping RGBW (wheel slot 1) 108–117 Zoom Reposition 118–167 Free (wheel slot 1) 168–188 600Hz (wheel slot 1) 189–199 1200Hz (wheel slot 1) 200–210 2000Hz (wheel slot 1) 211–221 4000Hz (wheel slot 1) 222–232 6000Hz (wheel slot 1) 233–243 25000Hz (wheel slot 1) 244–248 Display Off (wheel slot 1) 249–253 Display On (wheel slot 1) 254–255 Default Function Recall
17	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset 77–127 Pan/Tilt Reset (wheel slot 1) 128–255 Complete Reset
18	Shape Mode	0	0–5 Normal (wheel slot 1) 6–130 Static (wheel slot 1) 131–255 Dynamic (wheel slot 1)

Advanced (continued)

Ch	Function	Default	DMX values
19	Shape Selection	0	0–4 Shape 1 5–9 Shape 2 10–14 Shape 3 15–19 Shape 4 20–24 Shape 5 25–29 Shape 6 30–34 Shape 7 35–39 Shape 8 40–44 Shape 9 45–49 Shape 10 50–54 Shape 11 55–59 Shape 12 60–64 Shape 13 65–69 Shape 14 70–74 Shape 15 75–79 Shape 16 80–84 Shape 17 85–89 Shape 18 90–94 Shape 19 95–99 Shape 20 100–104 Shape 21 105–109 Shape 22 110–114 Shape 23 115–119 Shape 24 120–124 Shape 25 125–129 Shape 26 130–134 Shape 27 135–139 Shape 28 140–144 Shape 29 145–149 Shape 30 150–154 Shape 31 155–159 Shape 32 160–164 Shape 33 165–169 Shape 34 170–174 Shape 35 175–179 Shape 36 180–184 Shape 37 185–189 Shape 38 190–194 Shape 39 195–199 Shape 40 200–255 Shape 41
20	Shape Speed	0	0–124 Indexing 125–130 Stop 131–255 Backward Slow to Fast
21	Shape Fade	0	0–5 Off (wheel slot 1) 6–130 Fade Control Fast to Slow (wheel slot 1) 131–255 Wake Linearly Increase of Pixel Back to Front
22	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Slow 103–103 Fast 104–107 Open (wheel slot 1) 108–206 Slow (wheel slot 1) 207–207 Fast 208–212 Shape Slave when dimmer@0 (wheel slot 1) 213–225 Slow 226–238 Medium 239–251 Fast 252–255 Shape Master when dimmer@0 (wheel slot 1)
23	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
24	Shape Crossfade	0	

Advanced (continued)

Ch	Function	Default	DMX values
25	Red	0	0–254 0% (wheel slot 1) 255–255 100%
26	Green	0	0–254 0% (wheel slot 1) 255–255 100%
27	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
28	White	0	0–254 0% (wheel slot 1) 255–255 100%
29	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K
30	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Slow 103–103 Fast 104–107 Open (wheel slot 1) 108–206 Slow (wheel slot 1) 207–207 Fast 208–212 Pixels Slave when dimmer@0 (wheel slot 1) 213–225 Slow 226–238 Medium 239–251 Fast 252–255 Pixels Master when dimmer@0 (wheel slot 1)
31	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%

Standard

37 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 0% (wheel slot 1) 255–255 100%
2	Red Fine	0	Fine byte of Red
3	Green	0	0–254 0% (wheel slot 1) 255–255 100%
4	Green Fine	0	Fine byte of Green
5	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
6	Blue Fine	0	Fine byte of Blue
7	White	0	0–254 0% (wheel slot 1) 255–255 100%
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K
10	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Slow 103–103 Fast 104–107 Open (wheel slot 1) 108–206 Slow (wheel slot 1) 207–207 Fast 208–212 Open (wheel slot 1) 213–225 Slow 226–238 Medium 239–251 Fast 252–255 Open (wheel slot 1)

Standard (continued)

Ch	Function	Default	DMX values
11	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
12	Dimmer Fine	0	Fine byte of Dimmer
13	Pan	128	
14	Pan Fine	0	Fine byte of Pan
15	Tilt	128	
16	Tilt Fine	0	Fine byte of Tilt
17	Zoom	0	0–254 Narrow 255–255 Wide
18	Control1	0	0–1 None (wheel slot 1) 2–3 Fans Auto (wheel slot 1) 4–5 Fans SLN (wheel slot 1) 6–7 Fans Theatre (wheel slot 1) 8–9 Fans Constant (wheel slot 1) 10–11 None (wheel slot 1) 12–24 Fast 25–37 Normal 38–42 Dimmer Curve 1 (wheel slot 1) 43–47 Dimmer Curve 2 (wheel slot 1) 48–52 Dimmer Curve 3 (wheel slot 1) 53–55 Dimmer Curve 4 (wheel slot 1) 56–57 Dimmer Curve 5 (wheel slot 1) 58–62 1 63–67 1 point 5 68–72 2 point 2 73–74 Off (wheel slot 1) 75–76 Factory 77–78 Customized 79–80 Set Custom Calib @FullWhite 81–82 Set Custom Calib @3200K 83–84 Set Custom Calib @5600K 85–86 Save Custom Calib 87–88 None 89–90 Rev Map Off (wheel slot 1) 91–92 Rev Map On (wheel slot 1) 93–97 Pixel Map Off (wheel slot 1) 98–102 Pixel Map RGB (wheel slot 1) 103–107 Pixel Map RGBW (wheel slot 1) 108–117 Zoom Reposition 118–167 Free (wheel slot 1) 168–188 600Hz (wheel slot 1) 189–199 1200Hz (wheel slot 1) 200–210 2000Hz (wheel slot 1) 211–221 4000Hz (wheel slot 1) 222–232 6000Hz (wheel slot 1) 233–243 25000Hz (wheel slot 1) 244–248 Display Off (wheel slot 1) 249–253 Display On (wheel slot 1) 254–255 Default Function Recall
19	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset 77–127 Pan/Tilt Reset (wheel slot 1) 128–255 Complete Reset
20	Shape Mode	0	0–5 Normal (wheel slot 1) 6–130 Static (wheel slot 1) 131–255 Dynamic (wheel slot 1)

Standard (continued)

Ch	Function	Default	DMX values
21	Shape Selection	0	0–4 Shape 1 5–9 Shape 2 10–14 Shape 3 15–19 Shape 4 20–24 Shape 5 25–29 Shape 6 30–34 Shape 7 35–39 Shape 8 40–44 Shape 9 45–49 Shape 10 50–54 Shape 11 55–59 Shape 12 60–64 Shape 13 65–69 Shape 14 70–74 Shape 15 75–79 Shape 16 80–84 Shape 17 85–89 Shape 18 90–94 Shape 19 95–99 Shape 20 100–104 Shape 21 105–109 Shape 22 110–114 Shape 23 115–119 Shape 24 120–124 Shape 25 125–129 Shape 26 130–134 Shape 27 135–139 Shape 28 140–144 Shape 29 145–149 Shape 30 150–154 Shape 31 155–159 Shape 32 160–164 Shape 33 165–169 Shape 34 170–174 Shape 35 175–179 Shape 36 180–184 Shape 37 185–189 Shape 38 190–194 Shape 39 195–199 Shape 40 200–255 Shape 41
22	Shape Speed	0	0–124 Indexing 125–130 Stop 131–255 Backward Slow to Fast
23	Shape Fade	0	0–5 Off (wheel slot 1) 6–130 Fade Control Fast to Slow (wheel slot 1) 131–255 Wake Linearly Increase of Pixel Back to Front
24	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Slow 103–103 Fast 104–107 Open (wheel slot 1) 108–206 Slow (wheel slot 1) 207–207 Fast 208–212 Shape Slave when dimmer@0 (wheel slot 1) 213–225 Slow 226–238 Medium 239–251 Fast 252–255 Shape Master when dimmer@0 (wheel slot 1)
25	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%
26	Shape Crossfade	0	

Standard (continued)

Ch	Function	Default	DMX values
27	Red	0	0–254 0% (wheel slot 1) 255–255 100%
28	Red Fine	0	Fine byte of Red
29	Green	0	0–254 0% (wheel slot 1) 255–255 100%
30	Green Fine	0	Fine byte of Green
31	Blue	0	0–254 0% (wheel slot 1) 255–255 100%
32	Blue Fine	0	Fine byte of Blue
33	White	0	0–254 0% (wheel slot 1) 255–255 100%
34	White Fine	0	Fine byte of White
35	C TO	0	0–9 Off 10–254 8000K (wheel slot 1) 255–255 2700K
36	Shutter / Strobe	105	0–3 Closed (wheel slot 1) 4–102 Slow 103–103 Fast 104–107 Open (wheel slot 1) 108–206 Slow (wheel slot 1) 207–207 Fast 208–212 Open (wheel slot 1) 213–225 Slow 226–238 Medium 239–251 Fast 252–255 Open (wheel slot 1)
37	Dimmer	0	0–254 0% (wheel slot 1) 255–255 100%