Clay Paky

Midi-B



Manufacturer	**Clay Paky**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**17, 21, 25, 37 channels**
Beam angle	**4-50°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**3**
Size (W × H × D)	**261 × 200 × 260 mm**
GDTF fixture type	**F841CAA8-77A9-475D-AD1E-F3…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Basic RGBW	17 ch
Basic RGBW 16bit	21 ch
Extended RGBW	25 ch
Extended RGBW 16bit	37 ch

Basic RGBW

17 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	C TO	0	0–9 Unused 10–53 8000K 54–98 7000K 99–143 6000K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
6	Color Macro1	0	
7	Shutter / Strobe	104	0–3 Close 4–102 Shutter1Strobe · Slow 1–24.8 Hz 103–103 Shutter1Strobe · Fast 25 Hz 104–107 Open 108–206 Shutter1StrobePulse · Slow 0.5–24.8 Hz 207–207 Shutter1StrobePulse · Fast 25 Hz 208–212 Open 213–225 Shutter1StrobeRandom · Slow 1–8.58 Hz 226–238 Shutter1StrobeRandom · Medium 9.21–16.8 Hz 239–251 Shutter1StrobeRandom · Fast 17.4–25 Hz 252–255 Open
8	Dimmer	0	0–254 Closed 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	
13	Tilt Fine	0	Fine byte of Tilt
14	Zoom	0	0–254 Narrow 255–255 Wide
15	Color Mix Mode	0	0–254 Slow 255–255 Fast

Basic RGBW (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–1 HOME-Zero 2–3 Fan Auto # 4–5 Fan Silent 6–7 Fan Theatre 8–9 Fan Constant 10–11 Zoom Reposition ON # 12–13 Zoom reposition OFF 14–24 P/T Fast # 25–37 P/T STD 38–42 Dim Curve 1 # 43–47 Dim Curve 2 48–52 Dim Curve 3 53–55 Dim Curve 4 56–57 Dim Curve 5 58–62 Gamma 1 63–67 Gamma 1_5 68–72 Gamma 2_2 # 73–77 Callibration OFF # 78–82 Calibration ON 83–87 Dim Fade OFF # 88–92 Dim fade ON 168–188 600Hz 189–199 1200Hz 200–210 2000Hz # 211–232 4000Hz 233–243 25000Hz 244–248 Display OFF # 249–253 Display ON 254–255 Default Function Recall
17	Fixture Global Reset	0	0–25 Unused 26–76 Zoom Reset 77–127 P/T Reset 128–255 Complete Reset

Basic RGBW 16bit

21 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	0–9 Unused 10–53 8000K 54–98 7000K 99–143 6000K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
10	Color Macro1	0	

Basic RGBW 16bit (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	104	0–3 Close 4–102 Shutter1Strobe · Slow 1–24.8 Hz 103–103 Shutter1Strobe · Fast 25 Hz 104–107 Open 108–206 Shutter1StrobePulse · Slow 0.5–24.8 Hz 207–207 Shutter1StrobePulse · Fast 25 Hz 208–212 Open 213–225 Shutter1StrobeRandom · Slow 1–8.58 Hz 226–238 Shutter1StrobeRandom · Medium 9.21–16.8 Hz 239–251 Shutter1StrobeRandom · Fast 17.4–25 Hz 252–255 Open
12	Dimmer	0	0–254 Closed 255–255 Open
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Zoom	0	0–254 Narrow 255–255 Wide
19	Color Mix Mode	0	0–254 Slow 255–255 Fast
20	Control1	0	0–1 HOME-Zero 2–3 Fan Auto # 4–5 Fan Silent 6–7 Fan Theatre 8–9 Fan Constant 10–11 Zoom Reposition ON # 12–13 Zoom reposition OFF 14–24 P/T Fast # 25–37 P/T STD 38–42 Dim Curve 1 # 43–47 Dim Curve 2 48–52 Dim Curve 3 53–55 Dim Curve 4 56–57 Dim Curve 5 58–62 Gamma 1 63–67 Gamma 1_5 68–72 Gamma 2_2 # 73–77 Callibration OFF # 78–82 Calibration ON 83–87 Dim Fade OFF # 88–92 Dim fade ON 168–188 600Hz 189–199 1200Hz 200–210 2000Hz # 211–232 4000Hz 233–243 25000Hz 244–248 Display OFF # 249–253 Display ON 254–255 Default Function Recall
21	Fixture Global Reset	0	0–25 Unused 26–76 Zoom Reset 77–127 P/T Reset 128–255 Complete Reset

Extended RGBW

25 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Red	0	
6	Green	0	
7	Blue	0	
8	White	0	
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	C TO	0	0–9 Unused 10–53 8000K 54–98 7000K 99–143 6000K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
14	Color Macro1	0	
15	Shutter / Strobe	104	0–3 Close 4–102 Shutter1Strobe · Slow 1–24.8 Hz 103–103 Shutter1Strobe · Fast 25 Hz 104–107 Open 108–206 Shutter1StrobePulse · Slow 0.5–24.8 Hz 207–207 Shutter1StrobePulse · Fast 25 Hz 208–212 Open 213–225 Shutter1StrobeRandom · Slow 1–8.58 Hz 226–238 Shutter1StrobeRandom · Medium 9.21–16.8 Hz 239–251 Shutter1StrobeRandom · Fast 17.4–25 Hz 252–255 Open
16	Dimmer	0	0–254 Closed 255–255 Open
17	Dimmer Fine	0	Fine byte of Dimmer
18	Pan	128	
19	Pan Fine	0	Fine byte of Pan
20	Tilt	128	
21	Tilt Fine	0	Fine byte of Tilt
22	Zoom	0	0–254 Narrow 255–255 Wide
23	Color Mix Mode	0	0–254 Slow 255–255 Fast

Extended RGBW (continued)

Ch	Function	Default	DMX values
24	Control1	0	0–1 HOME-Zero 2–3 Fan Auto # 4–5 Fan Silent 6–7 Fan Theatre 8–9 Fan Constant 10–11 Zoom Reposition ON # 12–13 Zoom reposition OFF 14–24 P/T Fast # 25–37 P/T STD 38–42 Dim Curve 1 # 43–47 Dim Curve 2 48–52 Dim Curve 3 53–55 Dim Curve 4 56–57 Dim Curve 5 58–62 Gamma 1 63–67 Gamma 1_5 68–72 Gamma 2_2 # 73–77 Callibration OFF # 78–82 Calibration ON 83–87 Dim Fade OFF # 88–92 Dim fade ON 168–188 600Hz 189–199 1200Hz 200–210 2000Hz # 211–232 4000Hz 233–243 25000Hz 244–248 Display OFF # 249–253 Display ON 254–255 Default Function Recall
25	Fixture Global Reset	0	0–25 Unused 26–76 Zoom Reset 77–127 P/T Reset 128–255 Complete Reset

Extended RGBW 16bit

37 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	Red	0	
10	Red Fine	0	Fine byte of Red
11	Green	0	
12	Green Fine	0	Fine byte of Green
13	Blue	0	
14	Blue Fine	0	Fine byte of Blue
15	White	0	
16	White Fine	0	Fine byte of White
17	Red	0	

Extended RGBW 16bit (continued)

Ch	Function	Default	DMX values
18	Red Fine	0	Fine byte of Red
19	Green	0	
20	Green Fine	0	Fine byte of Green
21	Blue	0	
22	Blue Fine	0	Fine byte of Blue
23	White	0	
24	White Fine	0	Fine byte of White
25	C TO	0	0–9 Unused 10–53 8000K 54–98 7000K 99–143 6000K 144–187 5000K 188–223 4000K 224–254 3200K 255–255 2700K
26	Color Macro1	0	
27	Shutter / Strobe	104	0–3 Close 4–102 Shutter1Strobe · Slow 1–24.8 Hz 103–103 Shutter1Strobe · Fast 25 Hz 104–107 Open 108–206 Shutter1StrobePulse · Slow 0.5–24.8 Hz 207–207 Shutter1StrobePulse · Fast 25 Hz 208–212 Open 213–225 Shutter1StrobeRandom · Slow 1–8.58 Hz 226–238 Shutter1StrobeRandom · Medium 9.21–16.8 Hz 239–251 Shutter1StrobeRandom · Fast 17.4–25 Hz 252–255 Open
28	Dimmer	0	0–254 Closed 255–255 Open
29	Dimmer Fine	0	Fine byte of Dimmer
30	Pan	128	
31	Pan Fine	0	Fine byte of Pan
32	Tilt	128	
33	Tilt Fine	0	Fine byte of Tilt
34	Zoom	0	0–254 Narrow 255–255 Wide
35	Color Mix Mode	0	0–254 Slow 255–255 Fast

Extended RGBW 16bit (continued)

Ch	Function	Default	DMX values
36	Control1	0	0–1 HOME-Zero 2–3 Fan Auto # 4–5 Fan Silent 6–7 Fan Theatre 8–9 Fan Constant 10–11 Zoom Reposition ON # 12–13 Zoom reposition OFF 14–24 P/T Fast # 25–37 P/T STD 38–42 Dim Curve 1 # 43–47 Dim Curve 2 48–52 Dim Curve 3 53–55 Dim Curve 4 56–57 Dim Curve 5 58–62 Gamma 1 63–67 Gamma 1_5 68–72 Gamma 2_2 # 73–77 Callibration OFF # 78–82 Calibration ON 83–87 Dim Fade OFF # 88–92 Dim fade ON 168–188 600Hz 189–199 1200Hz 200–210 2000Hz # 211–232 4000Hz 233–243 25000Hz 244–248 Display OFF # 249–253 Display ON 254–255 Default Function Recall
37	Fixture Global Reset	0	0–25 Unused 26–76 Zoom Reset 77–127 P/T Reset 128–255 Complete Reset