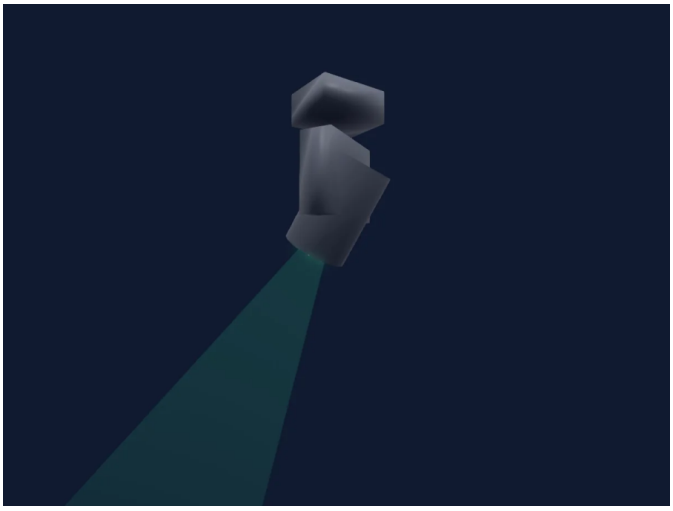
Clay Paky

Mini-B Aqua



Manufacturer	**Clay Paky**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**17, 21, 29 channels**
Beam angle	**4-55°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**200 × 300 × 200 mm**
GDTF fixture type	**6731916C-EAAC-4B83-BB7E-93…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Strobe

DMX modes

Basic RGBW	17 ch
Basic RGBW 16bit	21 ch
Extended RGBW	21 ch
Extended RGBW 16bit	29 ch

Basic RGBW

17 channels

Ch	Function	Default	DMX values
1	Color RGBRed	255	
2	Color RGBGreen	255	
3	Color RGBBlue	255	
4	White	255	
5	C TO	0	0–9 Unused 10–255 CTO
6	Color Wheel	0	0–9 Off (wheel slot 1) 10–10 Red (wheel slot 2) 11–11 Green (wheel slot 3) 12–12 Blue (wheel slot 4) 13–255 Empty Channel Set
7	Shutter / Strobe	104	0–3 Close 4–103 Strobe Slow to Fast 104–107 Open 108–207 Pulse Slow to Fast 208–212 Open 213–251 Random Slow to Fast 252–255 Open
8	Dimmer	0	
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	64	
15	Color Mix MSpeed	0	
16	Function	0	0–1 Unused 2–3 FAN Auto (Def) 4–5 FAN SLN 6–7 FAN Constant 8–9 FAN Theatre 10–11 Zoom Reposition (Def) 12–13 Zoom Reposi OFF 14–17 Not Used 18–24 Pan/Tilt Fast (Def) 25–37 Pan/Tilt Standard 38–42 Dimmer Curve 1 (Def) 43–47 Dimmer Curve 2 48–52 Dimmer Curve 3 53–55 Dimmer Curve 4 56–57 Dimmer Curve 5 58–62 Gamma 1 63–67 Gamma 1 1/2 68–72 Gamma 2 1/5 (Def) 73–77 Color Calibration Off (Def) 78–82 Color Calibration On 83–167 Not Used 168–188 PWM 600Hz 189–199 PWM 1200Hz 200–210 PWM 2000Hz (Def) 211–221 PWM 4000Hz 222–232 PWM 6000Hz 233–241 PWM 25000Hz 242–243 Display Off (Def) 244–245 Display On 246–253 Not used 254–255 Default Recall

Basic RGBW (continued)

Ch	Function	Default	DMX values
17	Fixture Calibration Reset	0	0–25 Unused 26–76 Zoom Reset 77–127 Pan/Tilt Reset 128–255 Global Reset

Basic RGBW 16bit

21 channels

Ch	Function	Default	DMX values
1	Color RGBRed	255	
2	Color RGBRed Fine	255	Fine byte of Color RGBRed
3	Color RGBGreen	255	
4	Color RGBGreen Fine	255	Fine byte of Color RGBGreen
5	Color RGBBlue	255	
6	Color RGBBlue Fine	255	Fine byte of Color RGBBlue
7	White	255	
8	White Fine	255	Fine byte of White
9	C TO	0	0–9 Unused 10–255 CTO
10	Color Wheel	0	0–9 Off (wheel slot 1) 10–10 Red (wheel slot 2) 11–11 Green (wheel slot 3) 12–12 Blue (wheel slot 4) 13–255 Empty Channel Set
11	Shutter / Strobe	104	0–3 Close 4–103 Strobe Slow to Fast 104–107 Open 108–207 Pulse Slow to Fast 208–212 Open 213–251 Random Slow to Fast 252–255 Open
12	Dimmer	0	
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	64	
19	Color Mix MSpeed	0	

Basic RGBW 16bit (continued)

Ch	Function	Default	DMX values
20	Function	0	0–1 Unused 2–3 FAN Auto (Def) 4–5 FAN SLN 6–7 FAN Constant 8–9 FAN Theatre 10–11 Zoom Reposition (Def) 12–13 Zoom Reposi OFF 14–17 Not Used 18–24 Pan/Tilt Fast (Def) 25–37 Pan/Tilt Standard 38–42 Dimmer Curve 1 (Def) 43–47 Dimmer Curve 2 48–52 Dimmer Curve 3 53–55 Dimmer Curve 4 56–57 Dimmer Curve 5 58–62 Gamma 1 63–67 Gamma 1 1/2 68–72 Gamma 2 1/5 (Def) 73–77 Color Calibration Off (Def) 78–82 Color Calibration On 83–167 Not Used 168–188 PWM 600Hz 189–199 PWM 1200Hz 200–210 PWM 2000Hz (Def) 211–221 PWM 4000Hz 222–232 PWM 6000Hz 233–241 PWM 25000Hz 242–243 Display Off (Def) 244–245 Display On 246–253 Not used 254–255 Default Recall
21	Fixture Calibration Reset	0	0–25 Unused 26–76 Zoom Reset 77–127 Pan/Tilt Reset 128–255 Global Reset

Extended RGBW

21 channels

Ch	Function	Default	DMX values
1	Color RGBRed	255	
2	Color RGBGreen	255	
3	Color RGBBlue	255	
4	White	255	
5	Color RGBRed	255	
6	Color RGBGreen	255	
7	Color RGBBlue	255	
8	White	255	
9	C TO	0	0–9 Unused 10–255 CTO
10	Color Wheel	0	0–9 Off (wheel slot 1) 10–10 Red (wheel slot 2) 11–11 Green (wheel slot 3) 12–12 Blue (wheel slot 4) 13–255 Empty Channel Set

Extended RGBW (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	104	0–3 Close 4–103 Strobe Slow to Fast 104–107 Open 108–207 Pulse Slow to Fast 208–212 Open 213–251 Random Slow to Fast 252–255 Open
12	Dimmer	0	
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	64	
19	Color Mix MSpeed	0	
20	Function	0	0–1 Unused 2–3 FAN Auto (Def) 4–5 FAN SLN 6–7 FAN Constant 8–9 FAN Theatre 10–11 Zoom Reposition (Def) 12–13 Zoom Reposi OFF 14–17 Not Used 18–24 Pan/Tilt Fast (Def) 25–37 Pan/Tilt Standard 38–42 Dimmer Curve 1 (Def) 43–47 Dimmer Curve 2 48–52 Dimmer Curve 3 53–55 Dimmer Curve 4 56–57 Dimmer Curve 5 58–62 Gamma 1 63–67 Gamma 1 1/2 68–72 Gamma 2 1/5 (Def) 73–77 Color Calibration Off (Def) 78–82 Color Calibration On 83–167 Not Used 168–188 PWM 600Hz 189–199 PWM 1200Hz 200–210 PWM 2000Hz (Def) 211–221 PWM 4000Hz 222–232 PWM 6000Hz 233–241 PWM 25000Hz 242–243 Display Off (Def) 244–245 Display On 246–253 Not used 254–255 Default Recall
21	Fixture Calibration Reset	0	0–25 Unused 26–76 Zoom Reset 77–127 Pan/Tilt Reset 128–255 Global Reset

Extended RGBW 16bit

29 channels

Ch	Function	Default	DMX values
1	Color RGBRed	255	
2	Color RGBRed Fine	255	Fine byte of Color RGBRed
3	Color RGBGreen	255	

Extended RGBW 16bit (continued)

Ch	Function	Default	DMX values
4	Color RGBGreen Fine	255	Fine byte of Color RGBGreen
5	Color RGBBlue	255	
6	Color RGBBlue Fine	255	Fine byte of Color RGBBlue
7	White	255	
8	White Fine	255	Fine byte of White
9	Color RGBRed	255	
10	Color RGBRed Fine	255	Fine byte of Color RGBRed
11	Color RGBGreen	255	
12	Color RGBGreen Fine	255	Fine byte of Color RGBGreen
13	Color RGBBlue	255	
14	Color RGBBlue Fine	255	Fine byte of Color RGBBlue
15	White	255	
16	White Fine	255	Fine byte of White
17	C TO	0	0–9 Unused 10–255 CTO
18	Color Wheel	0	0–9 Off (wheel slot 1) 10–10 Red (wheel slot 2) 11–11 Green (wheel slot 3) 12–12 Blue (wheel slot 4) 13–255 Empty Channel Set
19	Shutter / Strobe	104	0–3 Close 4–103 Strobe Slow to Fast 104–107 Open 108–207 Pulse Slow to Fast 208–212 Open 213–251 Random Slow to Fast 252–255 Open
20	Dimmer	0	
21	Dimmer Fine	0	Fine byte of Dimmer
22	Pan	128	
23	Pan Fine	0	Fine byte of Pan
24	Tilt	128	
25	Tilt Fine	0	Fine byte of Tilt
26	Zoom	64	
27	Color Mix MSpeed	0	

Extended RGBW 16bit (continued)

Ch	Function	Default	DMX values
28	Function	0	0–1 Unused 2–3 FAN Auto (Def) 4–5 FAN SLN 6–7 FAN Constant 8–9 FAN Theatre 10–11 Zoom Reposition (Def) 12–13 Zoom Reposi OFF 14–17 Not Used 18–24 Pan/Tilt Fast (Def) 25–37 Pan/Tilt Standard 38–42 Dimmer Curve 1 (Def) 43–47 Dimmer Curve 2 48–52 Dimmer Curve 3 53–55 Dimmer Curve 4 56–57 Dimmer Curve 5 58–62 Gamma 1 63–67 Gamma 1 1/2 68–72 Gamma 2 1/5 (Def) 73–77 Color Calibration Off (Def) 78–82 Color Calibration On 83–167 Not Used 168–188 PWM 600Hz 189–199 PWM 1200Hz 200–210 PWM 2000Hz (Def) 211–221 PWM 4000Hz 222–232 PWM 6000Hz 233–241 PWM 25000Hz 242–243 Display Off (Def) 244–245 Display On 246–253 Not used 254–255 Default Recall
29	Fixture Calibration Reset	0	0–25 Unused 26–76 Zoom Reset 77–127 Pan/Tilt Reset 128–255 Global Reset