Clay Paky

SinfonyaP600



Manufacturer	**Clay Paky**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**43, 50, 58 channels**
Beam angle	**5-60°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**320 × 582 × 300 mm**
GDTF fixture type	**35FBB71C-0ECA-483F-884C-2E…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

White	43 ch
Easy	50 ch
Standard	58 ch

White

43 channels

Ch	Function	Default	DMX values
1	C TO	128	0–0 10000K 1–127 10000K to CW 128–128 Calibrated White 129–254 CW to 2500K 255–255 2500K
2	C RIMode	1	0–0 RAW 1–254 Max Output (Low CRI) 255–255 Max CRI (Low Output)
3	Tint	128	0–127 + Green 128–128 0 129–255 - Green

White (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–0 Open (wheel slot 1) 1–2 Medium Bastard Amber (wheel slot 2) 3–4 Medium Yellow (wheel slot 3) 5–6 Fire (wheel slot 4) 7–8 Bright Red (wheel slot 5) 9–10 Lavender (wheel slot 6) 11–12 Sky Blue (wheel slot 7) 13–14 Tokyo Blue (wheel slot 8) 15–16 Just Blue (wheel slot 9) 17–18 Lime Green (wheel slot 10) 19–20 Dark Yellow Green (wheel slot 11) 21–22 Spring Yellow (wheel slot 12) 23–24 Yellow (wheel slot 13) 25–26 Light Amber (wheel slot 14) 27–28 Straw (wheel slot 15) 29–30 Deep Amber (wheel slot 16) 31–32 Orange (wheel slot 17) 33–34 Primary Red (wheel slot 18) 35–36 Dark Pink (wheel slot 19) 37–38 Peacock Blue (wheel slot 20) 39–40 Medium Blue Green (wheel slot 21) 41–42 Steel Blue (wheel slot 22) 43–44 Light Blue (wheel slot 23) 45–46 Dark Blue (wheel slot 24) 47–48 Deep Blue (wheel slot 25) 49–50 Filter Green (wheel slot 26) 51–52 Bright Pink (wheel slot 27) 53–54 Marine Blue (wheel slot 28) 55–56 Medium Blue (wheel slot 29) 57–58 Golden Amber (wheel slot 30) 59–60 Deep Golden Amber (wheel slot 31) 61–62 Pale Lavender (wheel slot 32) 63–64 Special Lavender (wheel slot 33) 65–66 Pale Green (wheel slot 34) 67–68 Primary Green (wheel slot 35) 69–70 Bright Blue (wheel slot 36) 71–72 Apricot (wheel slot 37) 73–74 Bright Rose (wheel slot 38) 75–76 Pale Gold (wheel slot 39) 77–78 Pale Rose (wheel slot 40) 79–80 Pink (wheel slot 41) 81–82 Deep Orange (wheel slot 42) 83–84 Bastard Amber (wheel slot 43) 85–86 Flame Red (wheel slot 44) 87–88 Daylight Blue (wheel slot 45) 89–90 Lilac Tint (wheel slot 46) 91–92 Deep Lavender (wheel slot 47) 93–94 Lagoon Blue (wheel slot 48) 95–96 Chrome Orange (wheel slot 49) 97–98 Dark Lavender (wheel slot 50) 99–100 Congo Blue (wheel slot 51) 101–102 Alice Blue (wheel slot 52) 103–104 Full CT Blue (wheel slot 53) 105–106 Half CT Blue (wheel slot 54) 107–108 Quarter CT Blue (wheel slot 55) 109–110 Full CT Orange (wheel slot 56) 111–112 Half CT Orange (wheel slot 57) 113–114 Quarter CT Orange (wheel slot 58) 115–116 Full Minus Green (wheel slot 59) 117–118 Half Minus Green (wheel slot 60) 119–120 Three Quarter CT Blue (wheel slot 61) 121–122 Three Quarter CT Orange (wheel slot 62) 123–124 Glacier (wheel slot 63) 125–126 Lighter Blue (wheel slot 64)

White (continued)

Ch	Function	Default	DMX values
5	Color Wheel 2	0	0–0 Open (wheel slot 1) 1–2 Medium Bastard Amber (wheel slot 2) 3–4 Medium Yellow (wheel slot 3) 5–6 Fire (wheel slot 4) 7–8 Bright Red (wheel slot 5) 9–10 Lavender (wheel slot 6) 11–12 Sky Blue (wheel slot 7) 13–14 Tokyo Blue (wheel slot 8) 15–16 Just Blue (wheel slot 9) 17–18 Lime Green (wheel slot 10) 19–20 Dark Yellow Green (wheel slot 11) 21–22 Spring Yellow (wheel slot 12) 23–24 Yellow (wheel slot 13) 25–26 Light Amber (wheel slot 14) 27–28 Straw (wheel slot 15) 29–30 Deep Amber (wheel slot 16) 31–32 Orange (wheel slot 17) 33–34 Primary Red (wheel slot 18) 35–36 Dark Pink (wheel slot 19) 37–38 Peacock Blue (wheel slot 20) 39–40 Medium Blue Green (wheel slot 21) 41–42 Steel Blue (wheel slot 22) 43–44 Light Blue (wheel slot 23) 45–46 Dark Blue (wheel slot 24) 47–48 Deep Blue (wheel slot 25) 49–50 Filter Green (wheel slot 26) 51–52 Bright Pink (wheel slot 27) 53–54 Marine Blue (wheel slot 28) 55–56 Medium Blue (wheel slot 29) 57–58 Golden Amber (wheel slot 30) 59–60 Deep Golden Amber (wheel slot 31) 61–62 Pale Lavender (wheel slot 32) 63–64 Special Lavender (wheel slot 33) 65–66 Pale Green (wheel slot 34) 67–68 Primary Green (wheel slot 35) 69–70 Bright Blue (wheel slot 36) 71–72 Apricot (wheel slot 37) 73–74 Bright Rose (wheel slot 38) 75–76 Pale Gold (wheel slot 39) 77–78 Pale Rose (wheel slot 40) 79–80 Pink (wheel slot 41) 81–82 Deep Orange (wheel slot 42) 83–84 Bastard Amber (wheel slot 43) 85–86 Flame Red (wheel slot 44) 87–88 Daylight Blue (wheel slot 45) 89–90 Lilac Tint (wheel slot 46) 91–92 Deep Lavender (wheel slot 47) 93–94 Lagoon Blue (wheel slot 48) 95–96 Chrome Orange (wheel slot 49) 97–98 Dark Lavender (wheel slot 50) 99–100 Congo Blue (wheel slot 51) 101–102 Alice Blue (wheel slot 52) 103–104 Full CT Blue (wheel slot 53) 105–106 Half CT Blue (wheel slot 54) 107–108 Quarter CT Blue (wheel slot 55) 109–110 Full CT Orange (wheel slot 56) 111–112 Half CT Orange (wheel slot 57) 113–114 Quarter CT Orange (wheel slot 58) 115–116 Full Minus Green (wheel slot 59) 117–118 Half Minus Green (wheel slot 60) 119–120 Three Quarter CT Blue (wheel slot 61) 121–122 Three Quarter CT Orange (wheel slot 62) 123–124 Glacier (wheel slot 63) 125–126 Lighter Blue (wheel slot 64)

White (continued)

Ch	Function	Default	DMX values
6	Color Mix Mode	0	0–0 No Crossfade 1–1 Colour Mixing Only 2–126 Colour mixing to VC1 127–128 Virtual Colour 1 129–254 VC1 to VC2 255–255 Virtual Colour 2
7	Color Macro1	0	0–4 Unused Range 5–9 RAW 10–14 3200K 15–19 4000K 20–24 4400K 25–29 5000K 30–34 5600K 35–39 6000K 40–44 6500K 45–50 7000K 51–55 7500K 56–60 8000K 61–65 White Preset 1 66–70 White Preset 2 71–75 White Preset 3 76–80 White Preset 4 81–85 Tungsten Off 86–90 Tungsten 1 91–95 Tungsten 2 96–101 Tungsten 3 102–106 Tungsten 4 107–111 Tungsten 5 112–116 Save White Preset 1 117–121 Save White Preset 2 122–126 Save White Preset 3 127–131 Save White Preset 4 132–136 Save User Virtual Colour 1 137–141 Save User Virtual Colour 2 142–146 Save User Virtual Colour 3 147–152 Save User Virtual Colour 4 153–157 Save User Virtual Colour 5 158–162 Save User Virtual Colour 6 163–167 Save User Virtual Colour 7 168–172 Save User Virtual Colour 8 173–177 Save User Virtual Colour 9 178–182 Save User Virtual Colour 10 183–187 Save User Virtual Colour 11 188–192 Save User Virtual Colour 12 193–197 Smooth Colour Dimmer Off 198–203 Smooth Colour Dimmer On 204–208 Optimised Colour Point Off 209–213 Optimised Colour Point On 214–255 Free
8	Shutter / Strobe	255	0–3 OFF 4–103 Strobe 104–107 On 108–207 Pulse Strobe 208–212 On 213–251 Random Strobe 252–255 On
9	Dimmer	0	0–254 Closed 255–255 Open
10	Dimmer Fine	0	Fine byte of Dimmer

White (continued)

Ch	Function	Default	DMX values
11	Iris	255	0–131 Closed to Open 132–171 Iris Pulse 172–211 Pulse Open 212–251 Pulse Closed 252–255 Open
12	Animation Wheel1	0	0–0 Animation Wheel Out 1–255 Animation Wheel In
13	Animation Wheel1Pos	0	0–124 CCW 125–130 Stop 131–255 CW
14	Gobo	0	0–18 Open (wheel slot 1) 19–37 Gobo 1 (wheel slot 2) 38–55 Gobo 2 (wheel slot 3) 56–74 Gobo 3 (wheel slot 4) 75–92 Gobo 4 (wheel slot 5) 93–111 Gobo 5 (wheel slot 6) 112–129 Gobo 6 (wheel slot 7) 130–150 Gobo 1 (wheel slot 2) 151–171 Gobo 2 (wheel slot 3) 172–192 Gobo 3 (wheel slot 4) 193–213 Gobo 4 (wheel slot 5) 214–234 Gobo 5 (wheel slot 6) 235–255 Gobo 6 (wheel slot 7)
15	Gobo Rotation	0	0–127 0-540 degrees 128–190 CCW 191–192 Stop 193–255 CW
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
18	Prism Rotation	0	0–127 0 - 540 degrees 128–190 Prism CCW 191–192 Stop 193–255 Prism CW
19	Frost1	0	0–0 Open 1–255 Frost In
20	Frost2	0	0–0 Open 1–255 Frost In
21	Blade1A	0	
22	Blade1Rot	128	0–127 -25 128–254 0 255–255 25
23	Blade2A	0	
24	Blade2Rot	128	0–127 -25 128–254 0 255–255 25
25	Blade3A	0	
26	Blade3Rot	128	0–127 -25 128–254 0 255–255 25
27	Blade4A	0	
28	Blade4Rot	128	0–127 -25 128–254 0 255–255 25

White (continued)

Ch	Function	Default	DMX values
29	Shaper Rot	128	0–127 CCW Rotation 128–128 Centre 129–255 CW Rotation
30	Focus	127	0–127 Near 128–254 Mid 255–255 Far
31	Focus Fine	255	Fine byte of Focus
32	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Far
33	Focus1Distance	0	0–6 Autofocus Off 7–255 4m to 100m
34	Focus1Adjust	0	
35	Pan	128	
36	Pan Fine	0	Fine byte of Pan
37	Tilt	128	
38	Tilt Fine	0	Fine byte of Tilt
39	Control1	0	0–4 Open 5–9 P/T Fast Speed 10–14 P/T Normal Speed 15–19 Blade Speed Slow 20–24 Blade Speed Fast 25–29 Fast RGobo Change 30–34 Slow RGobo Change 35–39 Standard Blade Mode 40–44 Extended Blade Mode 45–50 P/T Offset Reset 51–55 P/T Offset Program 56–60 P/T Offset Save 61–65 P/T Offset Off 66–70 P/T Offset On 71–75 Effects Reset 76–80 P/T Reset 81–85 Complete Reset 86–90 Fan DMX 91–95 Fan 27dB 96–101 Fan 30dB 102–106 Fan 35dB 107–111 Theatrical Mode Off 112–116 Theatrical Mode On 117–121 Dimmer Curve Standard 122–126 Dimmer Curve Linear Lux 127–131 Dimmer Curve Square 132–255 Free
40	Control2	0	0–11 Open 12–12 650Hz 13–13 975Hz 14–14 1460Hz 15–15 2200Hz 16–16 3300Hz 17–17 5000Hz 18–18 7400Hz 19–19 11100Hz 20–20 16700Hz 21–255 Free
41	Control3	0	0–127 -20% 128–254 Base Frequency 255–255 +20%

White (continued)

Ch	Function	Default	DMX values
42	Control4	0	0–250 Fan Speed Min-Max 251–255 Fanless
43	Control5	0	

Easy

50 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add RY	255	
8	Color Add RY Fine	255	Fine byte of Color Add RY
9	Color Add GY	255	
10	Color Add GY Fine	255	Fine byte of Color Add GY
11	C TO	128	0–0 10000K 1–127 10000K to CW 128–128 Calibrated White 129–254 CW to 2500K 255–255 2500K
12	C RIMode	1	0–0 RAW 1–254 Max Output (Low CRI) 255–255 Max CRI (Low Output)
13	Tint	128	0–127 + Green 128–128 0 129–255 - Green

Easy (continued)

Ch	Function	Default	DMX values
14	Color Macro1	0	0–4 Unused Range 5–9 RAW 10–14 3200K 15–19 4000K 20–24 4400K 25–29 5000K 30–34 5600K 35–39 6000K 40–44 6500K 45–50 7000K 51–55 7500K 56–60 8000K 61–65 White Preset 1 66–70 White Preset 2 71–75 White Preset 3 76–80 White Preset 4 81–85 Tungsten Off 86–90 Tungsten 1 91–95 Tungsten 2 96–101 Tungsten 3 102–106 Tungsten 4 107–111 Tungsten 5 112–116 Save White Preset 1 117–121 Save White Preset 2 122–126 Save White Preset 3 127–131 Save White Preset 4 132–136 Save User Virtual Colour 1 137–141 Save User Virtual Colour 2 142–146 Save User Virtual Colour 3 147–152 Save User Virtual Colour 4 153–157 Save User Virtual Colour 5 158–162 Save User Virtual Colour 6 163–167 Save User Virtual Colour 7 168–172 Save User Virtual Colour 8 173–177 Save User Virtual Colour 9 178–182 Save User Virtual Colour 10 183–187 Save User Virtual Colour 11 188–192 Save User Virtual Colour 12 193–197 Smooth Colour Dimmer Off 198–203 Smooth Colour Dimmer On 204–208 Optimised Colour Point Off 209–213 Optimised Colour Point On 214–255 Free
15	Shutter / Strobe	255	0–3 OFF 4–103 Strobe 104–107 On 108–207 Pulse Strobe 208–212 On 213–251 Random Strobe 252–255 On
16	Dimmer	0	0–254 Closed 255–255 Open
17	Dimmer Fine	0	Fine byte of Dimmer
18	Iris	255	0–131 Closed to Open 132–171 Iris Pulse 172–211 Pulse Open 212–251 Pulse Closed 252–255 Open
19	Animation Wheel1	0	0–0 Animation Wheel Out 1–255 Animation Wheel In

Easy (continued)

Ch	Function	Default	DMX values
20	Animation Wheel1Pos	0	0–124 CCW 125–130 Stop 131–255 CW
21	Gobo	0	0–18 Open (wheel slot 1) 19–37 Gobo 1 (wheel slot 2) 38–55 Gobo 2 (wheel slot 3) 56–74 Gobo 3 (wheel slot 4) 75–92 Gobo 4 (wheel slot 5) 93–111 Gobo 5 (wheel slot 6) 112–129 Gobo 6 (wheel slot 7) 130–150 Gobo 1 (wheel slot 2) 151–171 Gobo 2 (wheel slot 3) 172–192 Gobo 3 (wheel slot 4) 193–213 Gobo 4 (wheel slot 5) 214–234 Gobo 5 (wheel slot 6) 235–255 Gobo 6 (wheel slot 7)
22	Gobo Rotation	0	0–127 0-540 degrees 128–190 CCW 191–192 Stop 193–255 CW
23	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
24	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
25	Prism Rotation	0	0–127 0 - 540 degrees 128–190 Prism CCW 191–192 Stop 193–255 Prism CW
26	Frost1	0	0–0 Open 1–255 Frost In
27	Frost2	0	0–0 Open 1–255 Frost In
28	Blade1A	0	
29	Blade1Rot	128	0–127 -25 128–254 0 255–255 25
30	Blade2A	0	
31	Blade2Rot	128	0–127 -25 128–254 0 255–255 25
32	Blade3A	0	
33	Blade3Rot	128	0–127 -25 128–254 0 255–255 25
34	Blade4A	0	
35	Blade4Rot	128	0–127 -25 128–254 0 255–255 25
36	Shaper Rot	128	0–127 CCW Rotation 128–128 Centre 129–255 CW Rotation
37	Focus	127	0–127 Near 128–254 Mid 255–255 Far
38	Focus Fine	255	Fine byte of Focus

Easy (continued)

Ch	Function	Default	DMX values
39	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Far
40	Focus1Distance	0	0–6 Autofocus Off 7–255 4m to 100m
41	Focus1Adjust	0	
42	Pan	128	
43	Pan Fine	0	Fine byte of Pan
44	Tilt	128	
45	Tilt Fine	0	Fine byte of Tilt
46	Control1	0	0–4 Open 5–9 P/T Fast Speed 10–14 P/T Normal Speed 15–19 Blade Speed Slow 20–24 Blade Speed Fast 25–29 Fast RGobo Change 30–34 Slow RGobo Change 35–39 Standard Blade Mode 40–44 Extended Blade Mode 45–50 P/T Offset Reset 51–55 P/T Offset Program 56–60 P/T Offset Save 61–65 P/T Offset Off 66–70 P/T Offset On 71–75 Effects Reset 76–80 P/T Reset 81–85 Complete Reset 86–90 Fan DMX 91–95 Fan 27dB 96–101 Fan 30dB 102–106 Fan 35dB 107–111 Theatrical Mode Off 112–116 Theatrical Mode On 117–121 Dimmer Curve Standard 122–126 Dimmer Curve Linear Lux 127–131 Dimmer Curve Square 132–255 Free
47	Control2	0	0–11 Open 12–12 650Hz 13–13 975Hz 14–14 1460Hz 15–15 2200Hz 16–16 3300Hz 17–17 5000Hz 18–18 7400Hz 19–19 11100Hz 20–20 16700Hz 21–255 Free
48	Control3	0	0–127 -20% 128–254 Base Frequency 255–255 +20%
49	Control4	0	0–250 Fan Speed Min-Max 251–255 Fanless
50	Control5	0	

Standard

58 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add RY	255	
8	Color Add RY Fine	255	Fine byte of Color Add RY
9	Color Add GY	255	
10	Color Add GY Fine	255	Fine byte of Color Add GY
11	C TO	128	0–0 10000K 1–127 10000K to CW 128–128 Calibrated White 129–254 CW to 2500K 255–255 2500K
12	C RIMode	1	0–0 RAW 1–254 Max Output (Low CRI) 255–255 Max CRI (Low Output)
13	Tint	128	0–127 + Green 128–128 0 129–255 - Green

Standard (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–0 Open (wheel slot 1) 1–2 Medium Bastard Amber (wheel slot 2) 3–4 Medium Yellow (wheel slot 3) 5–6 Fire (wheel slot 4) 7–8 Bright Red (wheel slot 5) 9–10 Lavender (wheel slot 6) 11–12 Sky Blue (wheel slot 7) 13–14 Tokyo Blue (wheel slot 8) 15–16 Just Blue (wheel slot 9) 17–18 Lime Green (wheel slot 10) 19–20 Dark Yellow Green (wheel slot 11) 21–22 Spring Yellow (wheel slot 12) 23–24 Yellow (wheel slot 13) 25–26 Light Amber (wheel slot 14) 27–28 Straw (wheel slot 15) 29–30 Deep Amber (wheel slot 16) 31–32 Orange (wheel slot 17) 33–34 Primary Red (wheel slot 18) 35–36 Dark Pink (wheel slot 19) 37–38 Peacock Blue (wheel slot 20) 39–40 Medium Blue Green (wheel slot 21) 41–42 Steel Blue (wheel slot 22) 43–44 Light Blue (wheel slot 23) 45–46 Dark Blue (wheel slot 24) 47–48 Deep Blue (wheel slot 25) 49–50 Filter Green (wheel slot 26) 51–52 Bright Pink (wheel slot 27) 53–54 Marine Blue (wheel slot 28) 55–56 Medium Blue (wheel slot 29) 57–58 Golden Amber (wheel slot 30) 59–60 Deep Golden Amber (wheel slot 31) 61–62 Pale Lavender (wheel slot 32) 63–64 Special Lavender (wheel slot 33) 65–66 Pale Green (wheel slot 34) 67–68 Primary Green (wheel slot 35) 69–70 Bright Blue (wheel slot 36) 71–72 Apricot (wheel slot 37) 73–74 Bright Rose (wheel slot 38) 75–76 Pale Gold (wheel slot 39) 77–78 Pale Rose (wheel slot 40) 79–80 Pink (wheel slot 41) 81–82 Deep Orange (wheel slot 42) 83–84 Bastard Amber (wheel slot 43) 85–86 Flame Red (wheel slot 44) 87–88 Daylight Blue (wheel slot 45) 89–90 Lilac Tint (wheel slot 46) 91–92 Deep Lavender (wheel slot 47) 93–94 Lagoon Blue (wheel slot 48) 95–96 Chrome Orange (wheel slot 49) 97–98 Dark Lavender (wheel slot 50) 99–100 Congo Blue (wheel slot 51) 101–102 Alice Blue (wheel slot 52) 103–104 Full CT Blue (wheel slot 53) 105–106 Half CT Blue (wheel slot 54) 107–108 Quarter CT Blue (wheel slot 55) 109–110 Full CT Orange (wheel slot 56) 111–112 Half CT Orange (wheel slot 57) 113–114 Quarter CT Orange (wheel slot 58) 115–116 Full Minus Green (wheel slot 59) 117–118 Half Minus Green (wheel slot 60) 119–120 Three Quarter CT Blue (wheel slot 61) 121–122 Three Quarter CT Orange (wheel slot 62) 123–124 Glacier (wheel slot 63) 125–126 Lighter Blue (wheel slot 64)

Standard (continued)

Ch	Function	Default	DMX values
15	Color Wheel 2	0	0–0 Open (wheel slot 1) 1–2 Medium Bastard Amber (wheel slot 2) 3–4 Medium Yellow (wheel slot 3) 5–6 Fire (wheel slot 4) 7–8 Bright Red (wheel slot 5) 9–10 Lavender (wheel slot 6) 11–12 Sky Blue (wheel slot 7) 13–14 Tokyo Blue (wheel slot 8) 15–16 Just Blue (wheel slot 9) 17–18 Lime Green (wheel slot 10) 19–20 Dark Yellow Green (wheel slot 11) 21–22 Spring Yellow (wheel slot 12) 23–24 Yellow (wheel slot 13) 25–26 Light Amber (wheel slot 14) 27–28 Straw (wheel slot 15) 29–30 Deep Amber (wheel slot 16) 31–32 Orange (wheel slot 17) 33–34 Primary Red (wheel slot 18) 35–36 Dark Pink (wheel slot 19) 37–38 Peacock Blue (wheel slot 20) 39–40 Medium Blue Green (wheel slot 21) 41–42 Steel Blue (wheel slot 22) 43–44 Light Blue (wheel slot 23) 45–46 Dark Blue (wheel slot 24) 47–48 Deep Blue (wheel slot 25) 49–50 Filter Green (wheel slot 26) 51–52 Bright Pink (wheel slot 27) 53–54 Marine Blue (wheel slot 28) 55–56 Medium Blue (wheel slot 29) 57–58 Golden Amber (wheel slot 30) 59–60 Deep Golden Amber (wheel slot 31) 61–62 Pale Lavender (wheel slot 32) 63–64 Special Lavender (wheel slot 33) 65–66 Pale Green (wheel slot 34) 67–68 Primary Green (wheel slot 35) 69–70 Bright Blue (wheel slot 36) 71–72 Apricot (wheel slot 37) 73–74 Bright Rose (wheel slot 38) 75–76 Pale Gold (wheel slot 39) 77–78 Pale Rose (wheel slot 40) 79–80 Pink (wheel slot 41) 81–82 Deep Orange (wheel slot 42) 83–84 Bastard Amber (wheel slot 43) 85–86 Flame Red (wheel slot 44) 87–88 Daylight Blue (wheel slot 45) 89–90 Lilac Tint (wheel slot 46) 91–92 Deep Lavender (wheel slot 47) 93–94 Lagoon Blue (wheel slot 48) 95–96 Chrome Orange (wheel slot 49) 97–98 Dark Lavender (wheel slot 50) 99–100 Congo Blue (wheel slot 51) 101–102 Alice Blue (wheel slot 52) 103–104 Full CT Blue (wheel slot 53) 105–106 Half CT Blue (wheel slot 54) 107–108 Quarter CT Blue (wheel slot 55) 109–110 Full CT Orange (wheel slot 56) 111–112 Half CT Orange (wheel slot 57) 113–114 Quarter CT Orange (wheel slot 58) 115–116 Full Minus Green (wheel slot 59) 117–118 Half Minus Green (wheel slot 60) 119–120 Three Quarter CT Blue (wheel slot 61) 121–122 Three Quarter CT Orange (wheel slot 62) 123–124 Glacier (wheel slot 63) 125–126 Lighter Blue (wheel slot 64)

Standard (continued)

Ch	Function	Default	DMX values
16	Color RGBRed	128	0–127 Decrease Red 128–128 No Change 129–255 Increase Red
17	Color RGBGreen	128	0–127 Decrease Green 128–128 No Change 129–255 Increase Green
18	Color RGBBlue	128	0–127 Decrease Blue 128–128 No Change 129–255 Increase Blue
19	Color RGBYellow	128	0–127 Decrease Amber 128–128 No Change 129–255 Increase Amber
20	Color RGBCyan	128	0–127 Decrease Lime 128–128 No Change 129–255 Increase Lime
21	Color Mix Mode	0	0–0 No Crossfade 1–1 Colour Mixing Only 2–126 Colour mixing to VC1 127–128 Virtual Colour 1 129–254 VC1 to VC2 255–255 Virtual Colour 2

Standard (continued)

Ch	Function	Default	DMX values
22	Color Macro1	0	0–4 Unused Range 5–9 RAW 10–14 3200K 15–19 4000K 20–24 4400K 25–29 5000K 30–34 5600K 35–39 6000K 40–44 6500K 45–50 7000K 51–55 7500K 56–60 8000K 61–65 White Preset 1 66–70 White Preset 2 71–75 White Preset 3 76–80 White Preset 4 81–85 Tungsten Off 86–90 Tungsten 1 91–95 Tungsten 2 96–101 Tungsten 3 102–106 Tungsten 4 107–111 Tungsten 5 112–116 Save White Preset 1 117–121 Save White Preset 2 122–126 Save White Preset 3 127–131 Save White Preset 4 132–136 Save User Virtual Colour 1 137–141 Save User Virtual Colour 2 142–146 Save User Virtual Colour 3 147–152 Save User Virtual Colour 4 153–157 Save User Virtual Colour 5 158–162 Save User Virtual Colour 6 163–167 Save User Virtual Colour 7 168–172 Save User Virtual Colour 8 173–177 Save User Virtual Colour 9 178–182 Save User Virtual Colour 10 183–187 Save User Virtual Colour 11 188–192 Save User Virtual Colour 12 193–197 Smooth Colour Dimmer Off 198–203 Smooth Colour Dimmer On 204–208 Optimised Colour Point Off 209–213 Optimised Colour Point On 214–255 Free
23	Shutter / Strobe	255	0–3 OFF 4–103 Strobe 104–107 On 108–207 Pulse Strobe 208–212 On 213–251 Random Strobe 252–255 On
24	Dimmer	0	0–254 Closed 255–255 Open
25	Dimmer Fine	0	Fine byte of Dimmer
26	Iris	255	0–131 Closed to Open 132–171 Iris Pulse 172–211 Pulse Open 212–251 Pulse Closed 252–255 Open
27	Animation Wheel1	0	0–0 Animation Wheel Out 1–255 Animation Wheel In

Standard (continued)

Ch	Function	Default	DMX values
28	Animation Wheel1Pos	0	0–124 CCW 125–130 Stop 131–255 CW
29	Gobo	0	0–18 Open (wheel slot 1) 19–37 Gobo 1 (wheel slot 2) 38–55 Gobo 2 (wheel slot 3) 56–74 Gobo 3 (wheel slot 4) 75–92 Gobo 4 (wheel slot 5) 93–111 Gobo 5 (wheel slot 6) 112–129 Gobo 6 (wheel slot 7) 130–150 Gobo 1 (wheel slot 2) 151–171 Gobo 2 (wheel slot 3) 172–192 Gobo 3 (wheel slot 4) 193–213 Gobo 4 (wheel slot 5) 214–234 Gobo 5 (wheel slot 6) 235–255 Gobo 6 (wheel slot 7)
30	Gobo Rotation	0	0–127 0-540 degrees 128–190 CCW 191–192 Stop 193–255 CW
31	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
32	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
33	Prism Rotation	0	0–127 0 - 540 degrees 128–190 Prism CCW 191–192 Stop 193–255 Prism CW
34	Frost1	0	0–0 Open 1–255 Frost In
35	Frost2	0	0–0 Open 1–255 Frost In
36	Blade1A	0	
37	Blade1Rot	128	0–127 -25 128–254 0 255–255 25
38	Blade2A	0	
39	Blade2Rot	128	0–127 -25 128–254 0 255–255 25
40	Blade3A	0	
41	Blade3Rot	128	0–127 -25 128–254 0 255–255 25
42	Blade4A	0	
43	Blade4Rot	128	0–127 -25 128–254 0 255–255 25
44	Shaper Rot	128	0–127 CCW Rotation 128–128 Centre 129–255 CW Rotation
45	Focus	127	0–127 Near 128–254 Mid 255–255 Far
46	Focus Fine	255	Fine byte of Focus

Standard (continued)

Ch	Function	Default	DMX values
47	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Far
48	Focus1Distance	0	0–6 Autofocus Off 7–255 4m to 100m
49	Focus1Adjust	0	
50	Pan	128	
51	Pan Fine	0	Fine byte of Pan
52	Tilt	128	
53	Tilt Fine	0	Fine byte of Tilt
54	Control1	0	0–4 Open 5–9 P/T Fast Speed 10–14 P/T Normal Speed 15–19 Blade Speed Slow 20–24 Blade Speed Fast 25–29 Fast RGobo Change 30–34 Slow RGobo Change 35–39 Standard Blade Mode 40–44 Extended Blade Mode 45–50 P/T Offset Reset 51–55 P/T Offset Program 56–60 P/T Offset Save 61–65 P/T Offset Off 66–70 P/T Offset On 71–75 Effects Reset 76–80 P/T Reset 81–85 Complete Reset 86–90 Fan DMX 91–95 Fan 27dB 96–101 Fan 30dB 102–106 Fan 35dB 107–111 Theatrical Mode Off 112–116 Theatrical Mode On 117–121 Dimmer Curve Standard 122–126 Dimmer Curve Linear Lux 127–131 Dimmer Curve Square 132–255 Free
55	Control2	0	0–11 Open 12–12 650Hz 13–13 975Hz 14–14 1460Hz 15–15 2200Hz 16–16 3300Hz 17–17 5000Hz 18–18 7400Hz 19–19 11100Hz 20–20 16700Hz 21–255 Free
56	Control3	0	0–127 -20% 128–254 Base Frequency 255–255 +20%
57	Control4	0	0–250 Fan Speed Min-Max 251–255 Fanless
58	Control5	0	