Krypton

P600



Manufacturer	**Krypton**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**33, 38, 43 channels**
Beam angle	**6-48°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**301 × 540 × 241 mm**
GDTF fixture type	**A2C757B4-E93A-4CBF-8BF3-6A…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Strobe

DMX modes

Basic	33 ch
Standard	38 ch
Extended	43 ch

Basic

33 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–254 Fast 255–255 Slow
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	C TO	0	0–254 6500K 255–255 4000K
8	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–94 Shake Gobo 1 (wheel slot 2) 95–109 Shake Gobo 2 (wheel slot 3) 110–124 Shake Gobo 3 (wheel slot 4) 125–139 Shake Gobo 4 (wheel slot 5) 140–154 Shake Gobo 5 (wheel slot 6) 155–169 Shake Gobo 6 (wheel slot 7) 170–189 Shake Gobo 7 (wheel slot 8) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
9	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW Fast to slow 190–193 Stop 194–255 CCW Slow to Fast
10	Color Wheel	0	0–4 Color open (wheel slot 1) 5–17 Open/Deep Red (wheel slot 2) 18–30 Deep Red (wheel slot 3) 31–43 Red / Orange (wheel slot 4) 44–56 Orange (wheel slot 5) 57–69 Orange / Yellow (wheel slot 6) 70–82 Yellow (wheel slot 7) 83–95 Yellow / Green (wheel slot 8) 96–108 Green (wheel slot 9) 109–121 Green / Blue (wheel slot 10) 122–134 Blue (wheel slot 11) 135–147 Blue / Congo (wheel slot 12) 148–160 Congo (wheel slot 13) 161–173 Congo / CTB (wheel slot 14) 174–199 CTB (wheel slot 15) 200–226 CW Rotation Fast to Slow 227–228 Stop 229–255 CCW Rotation Slow to Fast

Basic (continued)

Ch	Function	Default	DMX values
11	Gobo 2	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Shake Gobo 1 (wheel slot 2) 92–105 Shake Gobo 2 (wheel slot 3) 106–119 Shake Gobo 3 (wheel slot 4) 120–133 Shake Gobo 4 (wheel slot 5) 134–147 Shake Gobo 5 (wheel slot 6) 148–161 Shake Gobo 6 (wheel slot 7) 162–175 Shake Gobo 7 (wheel slot 8) 176–189 Shake Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
12	Prism	0	0–31 open (wheel slot 1) 32–255 5 Facet Linear Prism (wheel slot 2)
13	Prism Rotation	0	0–127 Prism Position 0 to 540 128–189 forward fast to slow 190–193 stop 194–255 Backwards slow to fast
14	Prism	0	0–31 Open (wheel slot 1) 32–255 3 Facet Prism (wheel slot 2)
15	Prism Rotation	0	0–127 Prism Position 0 to 540 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
16	Frost1	0	0–225 Frost 0-100% 226–235 Pulse Open Fast to Slow 236–245 Pulse Close Slow to Fast 246–255 Frost 100%
17	Iris	0	0–224 Iris Open 225–225 Iris Close 226–235 Ramp Up Slow to Fast 236–245 Ramp Down Slow to Fast 246–255 Iris Ramp Up Down Slow to Fast
18	Zoom	127	0–126 Wide 127–254 Mid 255–255 Narrow
19	Focus	127	
20	Shaper Rot	127	0–126 0 <- 127–254 Mid 255–255 100 ->
21	Shaper Rot Fine	127	Fine byte of Shaper Rot
22	Blade1A	0	0–63 Open 64–254 Mid 255–255 Close
23	Blade1B	0	0–63 Open 64–254 Mid 255–255 Close
24	Blade2A	0	0–63 Open 64–254 Mid 255–255 Close

Basic (continued)

Ch	Function	Default	DMX values
25	Blade2B	0	0–63 Open 64–254 Mid 255–255 Close
26	Blade3A	0	0–63 Open 64–254 Mid 255–255 Close
27	Blade3B	0	0–63 Open 64–254 Mid 255–255 Close
28	Blade4A	0	0–63 Open 64–254 Mid 255–255 Close
29	Blade4B	0	0–63 Open 64–254 Mid 255–255 Close
30	Shutter / Strobe	48	0–31 Closed 32–63 Open 64–95 Strobe Slow to Fast 96–127 Open 128–159 Pulse Slow to Fast 160–191 Open 192–223 Random Slow to Fast 224–255 Open
31	Dimmer	0	
32	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
33	Control1	0	0–79 Idle 80–84 Reset All 85–87 Reset P/T 88–90 Reset CMY 91–93 Reset Gobo 94–96 Reset Blades 97–99 Reset Others 100–119 Internal Program (1-8) 120–139 Internal Program (9-16) 140–159 Internal Program (17-24) 160–179 Internal Program (25-32) 180–199 Internal Program (33-40) 200–219 Internal Program (41-48) 220–239 Internal Program (49-56) 240–255 Idle

Standard

38 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 Fast 255–255 Slow
6	Cyan	0	

Standard (continued)

Ch	Function	Default	DMX values
7	Magenta	0	
8	Yellow	0	
9	C TO	0	0–254 6500K 255–255 4000K
10	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–94 Shake Gobo 1 (wheel slot 2) 95–109 Shake Gobo 2 (wheel slot 3) 110–124 Shake Gobo 3 (wheel slot 4) 125–139 Shake Gobo 4 (wheel slot 5) 140–154 Shake Gobo 5 (wheel slot 6) 155–169 Shake Gobo 6 (wheel slot 7) 170–189 Shake Gobo 7 (wheel slot 8) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
11	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW Fast to slow 190–193 Stop 194–255 CCW Slow to Fast
12	Color Wheel	0	0–4 Color open (wheel slot 1) 5–17 Open/Deep Red (wheel slot 2) 18–30 Deep Red (wheel slot 3) 31–43 Red / Orange (wheel slot 4) 44–56 Orange (wheel slot 5) 57–69 Orange / Yellow (wheel slot 6) 70–82 Yellow (wheel slot 7) 83–95 Yellow / Green (wheel slot 8) 96–108 Green (wheel slot 9) 109–121 Green / Blue (wheel slot 10) 122–134 Blue (wheel slot 11) 135–147 Blue / Congo (wheel slot 12) 148–160 Congo (wheel slot 13) 161–173 Congo / CTB (wheel slot 14) 174–199 CTB (wheel slot 15) 200–226 CW Rotation Fast to Slow 227–228 Stop 229–255 CCW Rotation Slow to Fast

Standard (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Shake Gobo 1 (wheel slot 2) 92–105 Shake Gobo 2 (wheel slot 3) 106–119 Shake Gobo 3 (wheel slot 4) 120–133 Shake Gobo 4 (wheel slot 5) 134–147 Shake Gobo 5 (wheel slot 6) 148–161 Shake Gobo 6 (wheel slot 7) 162–175 Shake Gobo 7 (wheel slot 8) 176–189 Shake Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
14	Prism	0	0–31 open (wheel slot 1) 32–255 5 Facet Linear Prism (wheel slot 2)
15	Prism Rotation	0	0–127 Prism Position 0 to 540 128–189 forward fast to slow 190–193 stop 194–255 Backwards slow to fast
16	Prism	0	0–31 Open (wheel slot 1) 32–255 3 Facet Prism (wheel slot 2)
17	Prism Rotation	0	0–127 Prism Position 0 to 540 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
18	Frost1	0	0–225 Frost 0-100% 226–235 Pulse Open Fast to Slow 236–245 Pulse Close Slow to Fast 246–255 Frost 100%
19	Iris	0	0–224 Iris Open 225–225 Iris Close 226–235 Ramp Up Slow to Fast 236–245 Ramp Down Slow to Fast 246–255 Iris Ramp Up Down Slow to Fast
20	Zoom	127	0–126 Wide 127–254 Mid 255–255 Narrow
21	Zoom Fine	127	Fine byte of Zoom
22	Focus	127	
23	Focus Fine	127	Fine byte of Focus
24	Shaper Rot	127	0–126 0 <- 127–254 Mid 255–255 100 ->
25	Shaper Rot Fine	127	Fine byte of Shaper Rot
26	Blade1A	0	0–63 Open 64–254 Mid 255–255 Close
27	Blade1B	0	0–63 Open 64–254 Mid 255–255 Close

Standard (continued)

Ch	Function	Default	DMX values
28	Blade2A	0	0–63 Open 64–254 Mid 255–255 Close
29	Blade2B	0	0–63 Open 64–254 Mid 255–255 Close
30	Blade3A	0	0–63 Open 64–254 Mid 255–255 Close
31	Blade3B	0	0–63 Open 64–254 Mid 255–255 Close
32	Blade4A	0	0–63 Open 64–254 Mid 255–255 Close
33	Blade4B	0	0–63 Open 64–254 Mid 255–255 Close
34	Shutter / Strobe	48	0–31 Closed 32–63 Open 64–95 Strobe Slow to Fast 96–127 Open 128–159 Pulse Slow to Fast 160–191 Open 192–223 Random Slow to Fast 224–255 Open
35	Dimmer	0	
36	Dimmer Fine	0	Fine byte of Dimmer
37	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
38	Control1	0	0–79 Idle 80–84 Reset All 85–87 Reset P/T 88–90 Reset CMY 91–93 Reset Gobo 94–96 Reset Blades 97–99 Reset Others 100–119 Internal Program (1-8) 120–139 Internal Program (9-16) 140–159 Internal Program (17-24) 160–179 Internal Program (25-32) 180–199 Internal Program (33-40) 200–219 Internal Program (41-48) 220–239 Internal Program (49-56) 240–255 Idle

Extended

43 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	

Extended (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 Fast 255–255 Slow
6	Cyan	0	
7	Cyan Fine	0	Fine byte of Cyan
8	Magenta	0	
9	Magenta Fine	0	Fine byte of Magenta
10	Yellow	0	
11	Yellow Fine	0	Fine byte of Yellow
12	C TO	0	0–254 6500K 255–255 4000K
13	C TO Fine	0	Fine byte of C TO
14	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–94 Shake Gobo 1 (wheel slot 2) 95–109 Shake Gobo 2 (wheel slot 3) 110–124 Shake Gobo 3 (wheel slot 4) 125–139 Shake Gobo 4 (wheel slot 5) 140–154 Shake Gobo 5 (wheel slot 6) 155–169 Shake Gobo 6 (wheel slot 7) 170–189 Shake Gobo 7 (wheel slot 8) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
15	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW Fast to slow 190–193 Stop 194–255 CCW Slow to Fast
16	Color Wheel	0	0–4 Color open (wheel slot 1) 5–17 Open/Deep Red (wheel slot 2) 18–30 Deep Red (wheel slot 3) 31–43 Red / Orange (wheel slot 4) 44–56 Orange (wheel slot 5) 57–69 Orange / Yellow (wheel slot 6) 70–82 Yellow (wheel slot 7) 83–95 Yellow / Green (wheel slot 8) 96–108 Green (wheel slot 9) 109–121 Green / Blue (wheel slot 10) 122–134 Blue (wheel slot 11) 135–147 Blue / Congo (wheel slot 12) 148–160 Congo (wheel slot 13) 161–173 Congo / CTB (wheel slot 14) 174–199 CTB (wheel slot 15) 200–226 CW Rotation Fast to Slow 227–228 Stop 229–255 CCW Rotation Slow to Fast

Extended (continued)

Ch	Function	Default	DMX values
17	Gobo 2	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Shake Gobo 1 (wheel slot 2) 92–105 Shake Gobo 2 (wheel slot 3) 106–119 Shake Gobo 3 (wheel slot 4) 120–133 Shake Gobo 4 (wheel slot 5) 134–147 Shake Gobo 5 (wheel slot 6) 148–161 Shake Gobo 6 (wheel slot 7) 162–175 Shake Gobo 7 (wheel slot 8) 176–189 Shake Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
18	Prism	0	0–31 open (wheel slot 1) 32–255 5 Facet Linear Prism (wheel slot 2)
19	Prism Rotation	0	0–127 Prism Position 0 to 540 128–189 forward fast to slow 190–193 stop 194–255 Backwards slow to fast
20	Prism	0	0–31 Open (wheel slot 1) 32–255 3 Facet Prism (wheel slot 2)
21	Prism Rotation	0	0–127 Prism Position 0 to 540 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
22	Frost1	0	0–225 Frost 0-100% 226–235 Pulse Open Fast to Slow 236–245 Pulse Close Slow to Fast 246–255 Frost 100%
23	Iris	0	0–224 Iris Open 225–225 Iris Close 226–235 Ramp Up Slow to Fast 236–245 Ramp Down Slow to Fast 246–255 Iris Ramp Up Down Slow to Fast
24	Iris Fine	0	Fine byte of Iris
25	Zoom	127	0–126 Wide 127–254 Mid 255–255 Narrow
26	Zoom Fine	127	Fine byte of Zoom
27	Focus	127	
28	Focus Fine	127	Fine byte of Focus
29	Shaper Rot	127	0–126 0 <- 127–254 Mid 255–255 100 ->
30	Shaper Rot Fine	127	Fine byte of Shaper Rot
31	Blade1A	0	0–63 Open 64–254 Mid 255–255 Close

Extended (continued)

Ch	Function	Default	DMX values
32	Blade1B	0	0–63 Open 64–254 Mid 255–255 Close
33	Blade2A	0	0–63 Open 64–254 Mid 255–255 Close
34	Blade2B	0	0–63 Open 64–254 Mid 255–255 Close
35	Blade3A	0	0–63 Open 64–254 Mid 255–255 Close
36	Blade3B	0	0–63 Open 64–254 Mid 255–255 Close
37	Blade4A	0	0–63 Open 64–254 Mid 255–255 Close
38	Blade4B	0	0–63 Open 64–254 Mid 255–255 Close
39	Shutter / Strobe	48	0–31 Closed 32–63 Open 64–95 Strobe Slow to Fast 96–127 Open 128–159 Pulse Slow to Fast 160–191 Open 192–223 Random Slow to Fast 224–255 Open
40	Dimmer	0	
41	Dimmer Fine	0	Fine byte of Dimmer
42	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
43	Control1	0	0–79 Idle 80–84 Reset All 85–87 Reset P/T 88–90 Reset CMY 91–93 Reset Gobo 94–96 Reset Blades 97–99 Reset Others 100–119 Internal Program (1-8) 120–139 Internal Program (9-16) 140–159 Internal Program (17-24) 160–179 Internal Program (25-32) 180–199 Internal Program (33-40) 200–219 Internal Program (41-48) 220–239 Internal Program (49-56) 240–255 Idle