Krypton

Ebro



Manufacturer	**Krypton**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**37, 56 channels**
Beam angle	**3.5-53°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**280 × 500 × 255 mm**
GDTF fixture type	**20409F0C-DA34-4DB5-A99F-E9…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Standard	37 ch
Extended	56 ch

Standard

37 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Pan Rotate	0	0–127 Idle 128–189 <<< 190–193 Stop 194–255 >>>>
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	0–254 min CTO 255–255 max CTO
10	Color Wheel	0	0–4 Open (wheel slot 1) 5–11 Red (wheel slot 2) 12–17 Deep Blue (wheel slot 3) 18–23 Green (wheel slot 4) 24–29 Orange (wheel slot 5) 30–35 Blue (wheel slot 6) 36–41 CRI (wheel slot 7) 42–49 CTB (wheel slot 8) 50–57 Open (wheel slot 1) 58–69 Open/Red (wheel slot 9) 70–73 Red (wheel slot 2) 74–86 Red/Deep Blue (wheel slot 10) 87–91 Deep Blue (wheel slot 3) 92–104 Deep Blue/Green (wheel slot 11) 105–109 Green (wheel slot 4) 110–121 Green/Orange (wheel slot 12) 122–127 Orange (wheel slot 5) 128–139 Orange/Blue (wheel slot 13) 140–142 Blue (wheel slot 6) 143–156 Blue/CRI (wheel slot 14) 157–160 CRI (wheel slot 7) 161–175 CRI/CTB (wheel slot 15) 176–178 CTB (wheel slot 8) 179–190 CTB/Open (wheel slot 16) 191–192 Open (wheel slot 1) 193–222 <<< 223–224 stop 225–255 >>>
11	Gobo	0	0–6 open (wheel slot 1) 7–13 gobo 1 1 (wheel slot 2) 14–20 gobo 1 2 (wheel slot 3) 21–27 gobo 1 3 (wheel slot 4) 28–34 gobo 1 4 (wheel slot 5) 35–41 gobo 1 5 (wheel slot 6) 42–48 gobo 1 6 (wheel slot 7) 49–55 gobo 1 7 (wheel slot 8) 56–62 gobo 1 1 (wheel slot 2) 63–69 gobo 1 2 (wheel slot 3) 70–76 gobo 1 3 (wheel slot 4) 77–83 gobo 1 4 (wheel slot 5) 84–90 gobo 1 5 (wheel slot 6) 91–97 gobo 1 6 (wheel slot 7) 98–104 gobo 1 7 (wheel slot 8) 105–178 <<< 179–181 Stop 182–255 >>>

Standard (continued)

Ch	Function	Default	DMX values
12	Gobo Rotation	192	0–125 Gobo Indexing 128–190 <<< 191–192 stop 193–255 >>>
13	Gobo 2	0	0–6 open (wheel slot 1) 7–13 gobo 2 1 (wheel slot 2) 14–20 gobo 2 2 (wheel slot 3) 21–27 gobo 2 3 (wheel slot 4) 28–34 gobo 2 4 (wheel slot 5) 35–41 gobo 2 5 (wheel slot 6) 42–48 gobo 2 6 (wheel slot 7) 49–55 gobo 2 7 (wheel slot 8) 56–62 gobo 2 8 (wheel slot 9) 63–69 gobo 2 1 (wheel slot 2) 70–76 gobo 2 2 (wheel slot 3) 77–83 gobo 2 3 (wheel slot 4) 84–90 gobo 2 4 (wheel slot 5) 91–97 gobo 2 5 (wheel slot 6) 98–104 gobo 2 6 (wheel slot 7) 105–111 gobo 2 7 (wheel slot 8) 112–118 gobo 2 8 (wheel slot 9) 119–185 <<< 186–188 stop 189–255 >>>
14	Shutter / Strobe	48	0–31 Closed 32–63 Open 64–95 Strobe Slow to Fast 96–127 Open 128–159 Ramp Up strobe · Ramp Up Slow to Fast 1–20 Hz 160–191 Open 192–223 Random Slow to Fast 225–255 Open
15	Dimmer	0	0–254 closed 255–255 open
16	Dimmer Fine	0	Fine byte of Dimmer
17	Prism	0	0–5 Open (wheel slot 1) 6–255 8 Facet Prism (wheel slot 2)
18	Prism Rotation	192	0–127 Prism 1 Indexing 128–189 <<< 190–193 stop 194–255 >>>
19	Prism	0	0–31 Open (wheel slot 1) 32–255 6 Facet Prism (wheel slot 2)
20	Prism Rotation	192	0–127 Prism 2 Indexing 128–189 <<< 190–193 stop 194–255 >>>
21	Focus	127	
22	Zoom	128	0–126 Narrow 127–254 Medium 255–255 Wide
23	Iris	0	0–190 Iris open 191–191 Iris closed 192–222 max Pulse 223–254 min Pulse 255–255 max Pulse
24	Frost1	0	0–254 Frost 0% 255–255 Frost 100%

Standard (continued)

Ch	Function	Default	DMX values
25	Frost2	0	0–254 Frost 0% 255–255 Frost 100%
26	Animation Wheel1	0	0–5 open 6–127 min CW 128–128 max CCW 129–191 <<< 192–192 stop 193–255 >>>
27	Blade1A	0	
28	Blade1B	0	
29	Blade2A	0	
30	Blade2B	0	
31	Blade3A	0	
32	Blade3B	0	
33	Blade4A	0	
34	Blade4B	0	
35	Shaper Rot	0	0–254 Rotation 0 255–255 Rotation 120
36	Dimmer Mode	255	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Fixture Setting
37	Function	0	0–5 Idle 6–10 Display ON 11–15 Display OFF 16–20 Invert Pan ON 21–25 Invert Pan OFF 26–30 Invert Tilt ON 31–35 Invert Tilt OFF 36–39 Fan Auto 40–42 Fan Silent 43–45 Fan High 46–50 Linear Dimmer Curve 51–55 Square Dimmer Curve 56–60 Inv-Square Dimmer Curve 61–65 S-Dimmer Curve 66–70 LED Freq 1200Hz 71–75 LED Freq 3600Hz 76–80 LED Freq 5000Hz 81–85 LED Freq 10000Hz 86–90 LED Freq 15000Hz 91–95 LED Freq 20000Hz 96–100 LED Freq 25000Hz 101–105 Reset All 106–110 P/T Motor Reset 111–115 Head Motor Reset 116–120 Gobo CTB Auto ON 121–125 Gobo CTB Auto OFF 126–255 Idle

Extended

56 channels

Ch	Function	Default	DMX values
1	Pan	128	

Extended (continued)

Ch	Function	Default	DMX values
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Pan Rotate	0	0–127 Idle 128–189 <<< 190–193 Stop 194–255 >>>>
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 min CTO 255–255 max CTO
13	C TO Fine	0	Fine byte of C TO
14	Color Wheel	0	0–4 Open (wheel slot 1) 5–11 Red (wheel slot 2) 12–17 Deep Blue (wheel slot 3) 18–23 Green (wheel slot 4) 24–29 Orange (wheel slot 5) 30–35 Blue (wheel slot 6) 36–41 CRI (wheel slot 7) 42–49 CTB (wheel slot 8) 50–57 Open (wheel slot 1) 58–69 Open/Red (wheel slot 9) 70–73 Red (wheel slot 2) 74–86 Red/Deep Blue (wheel slot 10) 87–91 Deep Blue (wheel slot 3) 92–104 Deep Blue/Green (wheel slot 11) 105–109 Green (wheel slot 4) 110–121 Green/Orange (wheel slot 12) 122–127 Orange (wheel slot 5) 128–139 Orange/Blue (wheel slot 13) 140–142 Blue (wheel slot 6) 143–156 Blue/CRI (wheel slot 14) 157–160 CRI (wheel slot 7) 161–175 CRI/CTB (wheel slot 15) 176–178 CTB (wheel slot 8) 179–190 CTB/Open (wheel slot 16) 191–192 Open (wheel slot 1) 193–222 <<< 223–224 stop 225–255 >>>

Extended (continued)

Ch	Function	Default	DMX values
15	Gobo	0	0–6 open (wheel slot 1) 7–13 gobo 1 1 (wheel slot 2) 14–20 gobo 1 2 (wheel slot 3) 21–27 gobo 1 3 (wheel slot 4) 28–34 gobo 1 4 (wheel slot 5) 35–41 gobo 1 5 (wheel slot 6) 42–48 gobo 1 6 (wheel slot 7) 49–55 gobo 1 7 (wheel slot 8) 56–62 gobo 1 1 (wheel slot 2) 63–69 gobo 1 2 (wheel slot 3) 70–76 gobo 1 3 (wheel slot 4) 77–83 gobo 1 4 (wheel slot 5) 84–90 gobo 1 5 (wheel slot 6) 91–97 gobo 1 6 (wheel slot 7) 98–104 gobo 1 7 (wheel slot 8) 105–178 << 179–181 Stop 182–255 >>>
16	Gobo Rotation	192	0–124 Gobo Indexing 128–190 <<< 191–192 stop 193–255 >>>
17	Gobo Rotation Fine	192	Fine byte of Gobo Rotation
18	Gobo 2	0	0–6 open (wheel slot 1) 7–13 gobo 2 1 (wheel slot 2) 14–20 gobo 2 2 (wheel slot 3) 21–27 gobo 2 3 (wheel slot 4) 28–34 gobo 2 4 (wheel slot 5) 35–41 gobo 2 5 (wheel slot 6) 42–48 gobo 2 6 (wheel slot 7) 49–55 gobo 2 7 (wheel slot 8) 56–62 gobo 2 8 (wheel slot 9) 63–69 gobo 2 1 (wheel slot 2) 70–76 gobo 2 2 (wheel slot 3) 77–83 gobo 2 3 (wheel slot 4) 84–90 gobo 2 4 (wheel slot 5) 91–97 gobo 2 5 (wheel slot 6) 98–104 gobo 2 6 (wheel slot 7) 105–111 gobo 2 7 (wheel slot 8) 112–118 gobo 2 8 (wheel slot 9) 119–185 <<< 186–188 stop 189–255 >>>
19	Shutter / Strobe	48	0–31 Closed 32–63 Open 64–95 Strobe Slow to Fast 96–127 Open 128–159 Ramp Up strobe · Ramp Up Slow to Fast 1–20 Hz 160–191 Open 192–223 Random Slow to Fast 225–255 Open
20	Dimmer	0	0–254 closed 255–255 open
21	Dimmer Fine	0	Fine byte of Dimmer
22	Prism	0	0–5 Open (wheel slot 1) 6–255 8 Facet Prism (wheel slot 2)
23	Prism Rotation	192	0–127 Prism 1 Indexing 128–189 <<< 190–193 stop 194–255 >>>

Extended (continued)

Ch	Function	Default	DMX values
24	Prism Rotation Fine	192	Fine byte of Prism Rotation
25	Prism	0	0–31 Open (wheel slot 1) 32–255 6 Facet Prism (wheel slot 2)
26	Prism Rotation	192	0–127 Prism 2 Indexing 128–189 <<< 190–193 stop 194–255 >>>
27	Prism Rotation Fine	192	Fine byte of Prism Rotation
28	Focus	127	
29	Focus Fine	255	Fine byte of Focus
30	Zoom	128	0–126 Narrow 127–254 Medium 255–255 Wide
31	Zoom Fine	128	Fine byte of Zoom
32	Iris	0	0–190 Iris open 191–191 Iris closed 192–222 max Pulse 223–254 min Pulse 255–255 max Pulse
33	Frost1	0	0–254 Frost 0% 255–255 Frost 100%
34	Frost2	0	0–254 Frost 0% 255–255 Frost 100%
35	Animation Wheel1	0	0–5 open 6–127 min CW 128–128 max CCW 129–191 <<< 192–192 stop 193–255 >>>
36	Blade1A	0	
37	Blade1A Fine	0	Fine byte of Blade1A
38	Blade1B	0	
39	Blade1B Fine	0	Fine byte of Blade1B
40	Blade2A	0	
41	Blade2A Fine	0	Fine byte of Blade2A
42	Blade2B	0	
43	Blade2B Fine	0	Fine byte of Blade2B
44	Blade3A	0	
45	Blade3A Fine	0	Fine byte of Blade3A
46	Blade3B	0	
47	Blade3B Fine	0	Fine byte of Blade3B
48	Blade4A	0	
49	Blade4A Fine	0	Fine byte of Blade4A
50	Blade4B	0	
51	Blade4B Fine	0	Fine byte of Blade4B
52	Shaper Rot	0	0–254 Rotation 0 255–255 Rotation 120
53	Shaper Rot Fine	0	Fine byte of Shaper Rot
54	Position MSpeed	0	

Extended (continued)

Ch	Function	Default	DMX values
55	Dimmer Mode	255	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Fixture Setting
56	Function	0	0–5 Idle 6–10 Display ON 11–15 Display OFF 16–20 Invert Pan ON 21–25 Invert Pan OFF 26–30 Invert Tilt ON 31–35 Invert Tilt OFF 36–39 Fan Auto 40–42 Fan Silent 43–45 Fan High 46–50 Linear Dimmer Curve 51–55 Square Dimmer Curve 56–60 Inv-Square Dimmer Curve 61–65 S-Dimmer Curve 66–70 LED Freq 1200Hz 71–75 LED Freq 3600Hz 76–80 LED Freq 5000Hz 81–85 LED Freq 10000Hz 86–90 LED Freq 15000Hz 91–95 LED Freq 20000Hz 96–100 LED Freq 25000Hz 101–105 Reset All 106–110 P/T Motor Reset 111–115 Head Motor Reset 116–120 Gobo CTB Auto ON 121–125 Gobo CTB Auto OFF 126–255 Idle