Krypton

Tagus



Manufacturer	**Krypton**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**38, 54 channels**
Beam angle	**5.5-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**340 × 630 × 270 mm**
GDTF fixture type	**DEF146AF-3D0F-43B0-8908-00…**

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	38 ch
Extended	54 ch

Standard

38 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	Dimmer	0	0–254 closed 255–255 open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	32	0–31 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 open 128–158 Pulse Slow 159–159 Pulse Fast 160–191 open 192–222 Shutter1StrobeRandom 6 · min Rnd 1–19.4 Hz 223–223 Shutter1StrobeRandom 6 · max Rnd 20 Hz 224–255 open
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	
11	C TO	0	0–0 min CTO 1–254 CTO 255–255 max CTO
12	Color Wheel	0	0–21 Open (wheel slot 1) 22–38 Deep Red (wheel slot 2) 39–71 Medium Blue (wheel slot 3) 72–88 Green (wheel slot 4) 89–105 Amber (wheel slot 5) 106–115 CTB (wheel slot 6) 116–120 Open (wheel slot 1) 121–130 Deep Red (wheel slot 2) 131–140 Medium Blue (wheel slot 3) 141–150 Green (wheel slot 4) 151–160 Amber (wheel slot 5) 161–170 CTB (wheel slot 6) 171–192 Open (wheel slot 1) 193–223 <<< 224–224 stop 225–255 >>>
13	Color Wheel Fine	0	Fine byte of Color Wheel
14	Gobo	0	0–5 open (wheel slot 1) 6–20 gobo 1 1 (wheel slot 2) 21–35 gobo 1 2 (wheel slot 3) 36–50 gobo 1 3 (wheel slot 4) 51–65 gobo 1 4 (wheel slot 5) 66–80 gobo 1 5 (wheel slot 6) 81–95 gobo 1 6 (wheel slot 7) 96–110 gobo 1 1 (wheel slot 2) 111–125 gobo 1 2 (wheel slot 3) 126–140 gobo 1 3 (wheel slot 4) 141–155 gobo 1 4 (wheel slot 5) 156–170 gobo 1 5 (wheel slot 6) 171–185 gobo 1 6 (wheel slot 7) 186–192 open (wheel slot 1) 193–223 <<< 224–224 stop 225–255 >>>

Standard (continued)

Ch	Function	Default	DMX values
15	Gobo Rotation	192	0–5 Idle 6–127 min CW 128–128 max CCW 129–191 <<< 192–192 Stop 193–255 >>>
16	Gobo Rotation Fine	192	Fine byte of Gobo Rotation
17	Gobo 2	0	0–5 open (wheel slot 1) 6–20 gobo 2 1 (wheel slot 2) 21–35 gobo 2 2 (wheel slot 3) 36–50 gobo 2 3 (wheel slot 4) 51–65 gobo 2 4 (wheel slot 5) 66–80 gobo 2 5 (wheel slot 6) 81–95 gobo 2 6 (wheel slot 7) 96–110 gobo 2 1 (wheel slot 2) 111–125 gobo 2 2 (wheel slot 3) 126–140 gobo 2 3 (wheel slot 4) 141–155 gobo 2 4 (wheel slot 5) 156–170 gobo 2 5 (wheel slot 6) 171–185 gobo 2 6 (wheel slot 7) 186–192 open (wheel slot 1) 193–223 <<< 224–224 stop 225–255 >>>
18	Gobo Rotation	192	0–5 Idle 6–127 min CW 128–128 max CCW 129–191 <<< 192–192 stop 193–255 >>>
19	Gobo Rotation Fine	192	Fine byte of Gobo Rotation
20	Zoom	128	0–0 narrow 1–254 zoom 255–255 wide
21	Focus	255	
22	Iris	0	0–0 Iris open 1–190 Iris 191–191 Iris closed 192–207 IrisPulseOpen 1 208–223 IrisPulseClose 1 224–239 IrisStrobeRandom 4 240–255 IrisPulse 1
23	Prism	0	0–5 open (wheel slot 1) 6–130 linear Prism (wheel slot 2) 131–255 4 facet prism (wheel slot 3)
24	Prism Rotation	192	0–5 Idle 6–127 min CW 128–128 max CCW 129–191 <<< 192–192 stop 193–255 >>>
25	Frost1	0	0–254 Frost 0% 255–255 Frost 100%
26	Frost2	0	0–254 Frost 0% 255–255 Frost 100%

Standard (continued)

Ch	Function	Default	DMX values
27	Animation Wheel1	0	0–5 open 6–127 min CW 128–128 max CCW 129–191 <<< 192–192 stop 193–255 >>>
28	Blade1A	0	
29	Blade1B	0	
30	Blade2A	0	
31	Blade2B	0	
32	Blade3A	0	
33	Blade3B	0	
34	Blade4A	0	
35	Blade4B	0	
36	Shaper Rot	0	
37	Dimmer Mode	255	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Fixture Setting
38	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 36–40 Fan Auto 41–45 Fan Silent 46–50 Fan High 51–55 Linear Dimmer Curve 56–60 Square Dimmer Curve 61–65 Inv-Square Dimmer Curve 66–70 S-Dimmer Curve 71–75 LED Freq 1200Hz 76–80 LED Freq 3600Hz 81–85 LED Freq 5000Hz 86–90 LED Freq 10000Hz 91–95 LED Freq 15000Hz 96–100 LED Freq 20000Hz 101–105 LED Freq 25000Hz 106–110 P/T Motor Reset 111–115 Head Motor Reset 116–120 Reset All 121–125 Standart Mode 126–130 High CRI 131–135 6500K 136–140 6000K 141–145 3000K 146–150 Gobo CTB Auto ON 151–155 Gobo CTB Auto OFF 156–160 Factory Default 161–255 Idle

Extended

54 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	Dimmer	0	0–254 closed 255–255 open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	32	0–31 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 open 128–158 min Pulse 159–159 max Pulse 160–191 open 192–222 Shutter1StrobeRandom 6 · min Rnd 1–19.4 Hz 223–223 Shutter1StrobeRandom 6 · max Rnd 20 Hz 224–255 open
8	Cyan	0	
9	Cyan Fine	0	Fine byte of Cyan
10	Magenta	0	
11	Magenta Fine	0	Fine byte of Magenta
12	Yellow	0	
13	Yellow Fine	0	Fine byte of Yellow
14	C TO	0	0–254 min CTO 255–255 max CTO
15	C TO Fine	0	Fine byte of C TO
16	Color Wheel	0	0–5 Open (wheel slot 1) 6–24 Open/Red (wheel slot 2) 25–26 Red (wheel slot 3) 27–38 Red/Blue (wheel slot 4) 39–44 Medium Blue (wheel slot 5) 45–57 Blue/Green (wheel slot 6) 58–62 Green (wheel slot 7) 63–76 Green/Amber (wheel slot 8) 77–80 Amber (wheel slot 9) 81–95 Amber/CTB (wheel slot 10) 96–97 CTB (wheel slot 11) 98–113 CTB/Open (wheel slot 12) 114–121 Open (wheel slot 1) 122–130 Red (wheel slot 3) 131–140 Blue (wheel slot 5) 141–150 Green (wheel slot 7) 151–160 Amber (wheel slot 9) 161–170 CTB (wheel slot 11) 171–192 Open (wheel slot 1) 193–223 <<< 224–224 stop 225–255 >>>
17	Color Wheel Fine	0	Fine byte of Color Wheel

Extended (continued)

Ch	Function	Default	DMX values
18	Gobo	0	0–5 open (wheel slot 1) 6–20 gobo 1 1 (wheel slot 2) 21–35 gobo 1 2 (wheel slot 3) 36–50 gobo 1 3 (wheel slot 4) 51–65 gobo 1 4 (wheel slot 5) 66–80 gobo 1 5 (wheel slot 6) 81–95 gobo 1 6 (wheel slot 7) 96–110 gobo 1 1 (wheel slot 2) 111–125 gobo 1 2 (wheel slot 3) 126–140 gobo 1 3 (wheel slot 4) 141–155 gobo 1 4 (wheel slot 5) 156–170 gobo 1 5 (wheel slot 6) 171–185 gobo 1 6 (wheel slot 7) 186–192 open (wheel slot 1) 193–223 <<< 224–224 Stop 225–255 >>>
19	Gobo Rotation	192	0–5 Idle 6–127 min CW 128–128 max CCW 129–191 <<< 192–192 stop 193–255 >>>
20	Gobo Rotation Fine	192	Fine byte of Gobo Rotation
21	Gobo 2	0	0–5 open (wheel slot 1) 6–20 gobo 2 1 (wheel slot 2) 21–35 gobo 2 2 (wheel slot 3) 36–50 gobo 2 3 (wheel slot 4) 51–65 gobo 2 4 (wheel slot 5) 66–80 gobo 2 5 (wheel slot 6) 81–95 gobo 2 6 (wheel slot 7) 96–110 gobo 2 1 (wheel slot 2) 111–125 gobo 2 2 (wheel slot 3) 126–140 gobo 2 3 (wheel slot 4) 141–155 gobo 2 4 (wheel slot 5) 156–170 gobo 2 5 (wheel slot 6) 171–185 gobo 2 6 (wheel slot 7) 186–192 open (wheel slot 1) 193–223 <<< 224–224 stop 225–255 >>>
22	Gobo Rotation	192	0–5 Idle 6–127 min CW 128–128 max CCW 129–191 <<< 192–192 stop 193–255 >>>
23	Gobo Rotation Fine	192	Fine byte of Gobo Rotation
24	Zoom	128	0–254 narrow 255–255 wide
25	Zoom Fine	128	Fine byte of Zoom
26	Focus	255	
27	Focus Fine	255	Fine byte of Focus
28	Iris	0	0–190 Iris Open 191–191 Iris Closed 192–207 Ramp Up Fast to Slow 208–223 Ramp Down Slow to Fast 224–239 Ramp Up Down Slow to Fast 240–255 Pulse Up Down Slow to Fast

Extended (continued)

Ch	Function	Default	DMX values
29	Prism	0	0–5 open (wheel slot 1) 6–130 linear prism (wheel slot 2) 131–255 4 facet prism (wheel slot 3)
30	Prism Rotation	192	0–5 Idle 6–127 min CW 128–128 max CCW 129–191 <<< 192–192 stop 193–255 >>>
31	Frost1	0	0–254 Frost 0% 255–255 Frost 100%
32	Frost2	0	0–254 Frost 0% 255–255 Frost 100%
33	Animation Wheel1	0	0–5 open 6–127 min CW 128–128 max CCW 129–191 <<< 192–192 stop 193–255 >>>
34	Blade1A	0	
35	Blade1A Fine	0	Fine byte of Blade1A
36	Blade1B	0	
37	Blade1B Fine	0	Fine byte of Blade1B
38	Blade2A	0	
39	Blade2A Fine	0	Fine byte of Blade2A
40	Blade2B	0	
41	Blade2B Fine	0	Fine byte of Blade2B
42	Blade3A	0	
43	Blade3A Fine	0	Fine byte of Blade3A
44	Blade3B	0	
45	Blade3B Fine	0	Fine byte of Blade3B
46	Blade4A	0	
47	Blade4A Fine	0	Fine byte of Blade4A
48	Blade4B	0	
49	Blade4B Fine	0	Fine byte of Blade4B
50	Shaper Rot	0	
51	Shaper Rot Fine	0	Fine byte of Shaper Rot
52	Position MSpeed	0	0–254 max MSpeed 255–255 min MSpeed
53	Dimmer Mode	255	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Fixture Setting

Extended (continued)

Ch	Function	Default	DMX values
54	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 36–40 Fan Auto 41–45 Fan Silent 46–50 Fan High 51–55 Linear Dimmer Curve 56–60 Square Dimmer Curve 61–65 Inv-Square Dimmer Curve 66–70 S-Dimmer Curve 71–75 LED Freq 1200Hz 76–80 LED Freq 3600Hz 81–85 LED Freq 5000Hz 86–90 LED Freq 10000Hz 91–95 LED Freq 15000Hz 96–100 LED Freq 20000Hz 101–105 LED Freq 25000Hz 106–110 P/T Motor Reset 111–115 Head Motor Reset 116–120 Reset All 121–125 Standart Mode 126–130 High CRI 131–135 6500K 136–140 6000K 141–145 3000K 146–150 Gobo CTB Auto ON 151–155 Gobo CTB Auto OFF 156–160 Factory Default 161–255 Idle