Krypton

Small Boy



Manufacturer	**Krypton**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**21, 26 channels**
Beam angle	**1°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**251 × 299 × 200 mm**
GDTF fixture type	**218B5A63-36DE-4796-A1E0-93…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Standard 21CH	21 ch
Extended	26 ch

Standard 21CH

21 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	Dimmer	0	0–254 closed 255–255 open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	50	0–31 shutter closed 32–63 shutter open1 64–94 Min Strobe 95–95 Max Strobe 96–127 shutter open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Shutter open3 192–222 Min Random 223–223 Max Random 224–255 Shutter4Strobe 7 · Shutter open4 1 Hz
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	

Standard 21CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–5 open (wheel slot 1) 6–9 Color 1 (wheel slot 2) 10–13 Color 2 (wheel slot 3) 14–17 Color 3 (wheel slot 4) 18–21 Color 4 (wheel slot 5) 22–25 Color 5 (wheel slot 6) 26–29 Color 6 (wheel slot 7) 30–33 Color 7 (wheel slot 8) 34–37 Color 8 (wheel slot 9) 38–41 Color 9 (wheel slot 10) 42–45 Color 10 (wheel slot 11) 46–49 Color 11 (wheel slot 12) 50–53 Color 12 (wheel slot 13) 54–57 Color 13 (wheel slot 14) 58–61 Color 14 (wheel slot 15) 62–65 Color 15 (wheel slot 16) 66–69 Color 16 (wheel slot 17) 70–73 Color 17 (wheel slot 18) 74–77 Open 78–81 Color 0-1 82–83 Color 1 84–87 Color 1-2 88–89 Color 2 90–93 Color 2-3 94–95 Color 3 96–99 Color 3-4 100–101 Color 4 102–105 Color 4-5 106–107 Color 5 108–111 Color 5-6 112–113 Color 6 114–117 Color 6-7 118–119 Color 7 120–123 Color 7-8 124–125 Color 8 126–129 Color 8-9 130–131 Color 9 132–135 Color 9-10 136–137 Color 10 138–141 Color 10-11 142–143 Color 11 144–147 Color 11-12 148–149 Color 12 150–153 Color 12-13 154–155 Color 13 156–159 Color 13-14 160–161 Color 14 162–165 Color 14-15 166–167 Color 15 168–171 Color 15-16 172–173 Color 16 174–177 Color 16-17 178–178 Color 17 179–180 Color 17-0 181–181 Open 182–213 CW Fast to Slow 214–223 Stop 224–255 CCW Slow to Fast
12	Color Wheel Fine	0	Fine byte of Color Wheel

Standard 21CH (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–5 open (wheel slot 1) 6–9 FixedGobo 1 (wheel slot 2) 10–13 FixedGobo 2 (wheel slot 3) 14–17 FixedGobo 3 (wheel slot 4) 18–21 FixedGobo 4 (wheel slot 5) 22–25 FixedGobo 5 (wheel slot 6) 26–29 FixedGobo 6 (wheel slot 7) 30–33 FixedGobo 7 (wheel slot 8) 34–37 FixedGobo 8 (wheel slot 9) 38–41 FixedGobo 9 (wheel slot 10) 42–45 FixedGobo 10 (wheel slot 11) 46–49 FixedGobo 11 (wheel slot 12) 50–53 FixedGobo 12 (wheel slot 13) 54–57 FixedGobo 13 (wheel slot 14) 58–61 FixedGobo 14 (wheel slot 15) 62–65 FixedGobo 15 (wheel slot 16) 66–69 FixedGobo 16 (wheel slot 17) 70–73 FixedGobo 17 (wheel slot 18) 74–77 FixedGobo 18 (wheel slot 19) 78–81 FixedGobo 19 (wheel slot 20) 82–85 FixedGobo 20 (wheel slot 21) 86–89 FixedGobo 21 (wheel slot 22) 90–93 FixedGobo 22 (wheel slot 23) 94–97 FixedGobo 23 (wheel slot 24) 98–101 Open (wheel slot 1) 102–105 FixedGobo 1 shake (wheel slot 2) 106–109 FixedGobo 2 shake (wheel slot 3) 110–113 FixedGobo 3 shake (wheel slot 4) 114–117 FixedGobo 4 shake (wheel slot 5) 118–121 FixedGobo 5 shake (wheel slot 6) 122–125 FixedGobo 6 shake (wheel slot 7) 126–129 FixedGobo 7 shake (wheel slot 8) 130–133 FixedGobo 8 shake (wheel slot 9) 134–137 FixedGobo 9 shake (wheel slot 10) 138–141 FixedGobo 10 shake (wheel slot 11) 142–145 FixedGobo 11 shake (wheel slot 12) 146–149 FixedGobo 12 shake (wheel slot 13) 150–153 FixedGobo 13 shake (wheel slot 14) 154–157 FixedGobo 14shake (wheel slot 15) 158–161 FixedGobo 15 shake (wheel slot 16) 162–165 FixedGobo 16 shake (wheel slot 17) 166–169 FixedGobo 17 shake (wheel slot 18) 170–173 FixedGobo 18 shake (wheel slot 19) 174–177 FixedGobo 19 shake (wheel slot 20) 178–181 FixedGobo 20 shake (wheel slot 21) 182–185 FixedGobo 21 shake (wheel slot 22) 186–189 FixedGobo 22 shake (wheel slot 23) 190–193 FixedGobo 23 shake (wheel slot 24) 194–223 CW Fast to Slow 224–225 Stop 226–255 CCW Slow to Fast
14	Prism	0	0–5 open (wheel slot 1) 6–255 16 Facet Prism (wheel slot 2)
15	Prism Rotation	0	0–5 Open 6–128 Indexing 129–191 CW Fast to Slow 192–192 Stop 193–255 CCW Slow to Fast
16	Prism	0	0–5 Open (wheel slot 1) 6–255 6 Linear Prism (wheel slot 2)

Standard 21CH (continued)

Ch	Function	Default	DMX values
17	Prism Rotation	0	0–5 Open 6–128 Indexing 129–191 Fast to slow CW 192–192 Stop 193–255 Slow to Fast CCW
18	Focus	0	
19	Frost1	0	
20	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting
21	Control1	0	0–5 No function 6–17 Invert Pan OFF 18–29 Invert Pan ON 30–41 Invert Tilt OFF 42–53 Invert Tilt ON 54–61 Fan Auto 62–69 Fan Silent 70–77 Fan High 78–89 Linear 90–101 SQUARE 102–113 INV-SQUARE 114–125 S-Curve 126–131 900hz 132–137 1000hz 138–143 1100hz 144–149 1200hz 150–155 1300hz 156–161 1400hz 162–167 1500hz 168–173 2500hz 174–179 4000hz 180–185 5000hz 186–191 10khz 192–197 15khz 198–203 20khz 204–209 25khz 210–221 P/T Reset 222–233 Head Reset 234–255 All Reset

Extended

26 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	Dimmer	0	0–254 closed 255–255 open
6	Dimmer Fine	0	Fine byte of Dimmer

Extended (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	50	0–31 shutter closed 32–63 shutter open1 64–94 Min Strobe 95–95 Max Strobe 96–127 shutter open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Shutter open3 192–222 Min Random 223–223 Max Random 224–255 Shutter4Strobe 7 · Shutter open4 1 Hz
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

Extended (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–5 open (wheel slot 1) 6–9 Color 1 (wheel slot 2) 10–13 Color 2 (wheel slot 3) 14–17 Color 3 (wheel slot 4) 18–21 Color 4 (wheel slot 5) 22–25 Color 5 (wheel slot 6) 26–29 Color 6 (wheel slot 7) 30–33 Color 7 (wheel slot 8) 34–37 Color 8 (wheel slot 9) 38–41 Color 9 (wheel slot 10) 42–45 Color 10 (wheel slot 11) 46–49 Color 11 (wheel slot 12) 50–53 Color 12 (wheel slot 13) 54–57 Color 13 (wheel slot 14) 58–61 Color 14 (wheel slot 15) 62–65 Color 15 (wheel slot 16) 66–69 Color 16 (wheel slot 17) 70–73 Color 17 (wheel slot 18) 74–77 Open 78–81 Color 0-1 82–83 Color 1 84–87 Color 1-2 88–89 Color 2 90–93 Color 2-3 94–95 Color 3 96–99 Color 3-4 100–101 Color 4 102–105 Color 4-5 106–107 Color 5 108–111 Color 5-6 112–113 Color 6 114–117 Color 6-7 118–119 Color 7 120–123 Color 7-8 124–125 Color 8 126–129 Color 8-9 130–131 Color 9 132–135 Color 9-10 136–137 Color 10 138–141 Color 10-11 142–143 Color 11 144–147 Color 11-12 148–149 Color 12 150–153 Color 12-13 154–155 Color 13 156–159 Color 13-14 160–161 Color 14 162–165 Color 14-15 166–167 Color 15 168–171 Color 15-16 172–173 Color 16 174–177 Color 16-17 178–178 Color 17 179–180 Color 17-0 181–181 Open 182–213 Clockwise from fast to slow 214–223 Stop 224–255 Counter-clockwise from slow to fast
15	Color Wheel Fine	0	Fine byte of Color Wheel

Extended (continued)

Ch	Function	Default	DMX values
16	Gobo	0	0–5 open (wheel slot 1) 6–9 FixedGobo 1 (wheel slot 2) 10–13 FixedGobo 2 (wheel slot 3) 14–17 FixedGobo 3 (wheel slot 4) 18–21 FixedGobo 4 (wheel slot 5) 22–25 FixedGobo 5 (wheel slot 6) 26–29 FixedGobo 6 (wheel slot 7) 30–33 FixedGobo 7 (wheel slot 8) 34–37 FixedGobo 8 (wheel slot 9) 38–41 FixedGobo 9 (wheel slot 10) 42–45 FixedGobo 10 (wheel slot 11) 46–49 FixedGobo 11 (wheel slot 12) 50–53 FixedGobo 12 (wheel slot 13) 54–57 FixedGobo 13 (wheel slot 14) 58–61 FixedGobo 14 (wheel slot 15) 62–65 FixedGobo 15 (wheel slot 16) 66–69 FixedGobo 16 (wheel slot 17) 70–73 FixedGobo 17 (wheel slot 18) 74–77 FixedGobo 18 (wheel slot 19) 78–81 FixedGobo 19 (wheel slot 20) 82–85 FixedGobo 20 (wheel slot 21) 86–89 FixedGobo 21 (wheel slot 22) 90–93 FixedGobo 22 (wheel slot 23) 94–97 FixedGobo 23 (wheel slot 24) 98–101 Open (wheel slot 1) 102–105 FixedGobo 1 shake (wheel slot 2) 106–109 FixedGobo 2 shake (wheel slot 3) 110–113 FixedGobo 3 shake (wheel slot 4) 114–117 FixedGobo 4 shake (wheel slot 5) 118–121 FixedGobo 5 shake (wheel slot 6) 122–125 FixedGobo 6 shake (wheel slot 7) 126–129 FixedGobo 7 shake (wheel slot 8) 130–133 FixedGobo 8 shake (wheel slot 9) 134–137 FixedGobo 9 shake (wheel slot 10) 138–141 FixedGobo 10 shake (wheel slot 11) 142–145 FixedGobo 11 shake (wheel slot 12) 146–149 FixedGobo 12 shake (wheel slot 13) 150–153 FixedGobo 13 shake (wheel slot 14) 154–157 FixedGobo 14shake (wheel slot 15) 158–161 FixedGobo 15 shake (wheel slot 16) 162–165 FixedGobo 16 shake (wheel slot 17) 166–169 FixedGobo 17 shake (wheel slot 18) 170–173 FixedGobo 18 shake (wheel slot 19) 174–177 FixedGobo 19 shake (wheel slot 20) 178–181 FixedGobo 20 shake (wheel slot 21) 182–185 FixedGobo 21 shake (wheel slot 22) 186–189 FixedGobo 22 shake (wheel slot 23) 190–193 FixedGobo 23 shake (wheel slot 24) 194–223 CW Fast to Slow 224–225 Stop 226–255 CCW Slow to Fast
17	Prism	0	0–5 open (wheel slot 1) 6–255 16 Facet Prism (wheel slot 2)
18	Prism Rotation	0	0–5 Open 6–128 Indexing 129–191 CW Fast to Slow 192–192 Stop 193–255 CCW Slow to Fast
19	Prism	0	0–5 Open (wheel slot 1) 6–255 6 Linear Prism (wheel slot 2)

Extended (continued)

Ch	Function	Default	DMX values
20	Prism Rotation	0	0–5 Open 6–128 Indexing 129–191 Fast to slow CW 192–192 Stop 193–255 Slow to Fast CCW
21	Focus	0	
22	Focus Fine	0	Fine byte of Focus
23	Frost1	0	
24	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting
25	Position MSpeed	0	
26	Control1	0	0–5 No function 6–17 Invert Pan OFF 18–29 Invert Pan ON 30–41 Invert Tilt OFF 42–53 Invert Tilt ON 54–61 Fan Auto 62–69 Fan Silent 70–77 Fan High 78–89 Linear 90–101 SQUARE 102–113 INV-SQUARE 114–125 S-Curve 126–131 900hz 132–137 1000hz 138–143 1100hz 144–149 1200hz 150–155 1300hz 156–161 1400hz 162–167 1500hz 168–173 2500hz 174–179 4000hz 180–185 5000hz 186–191 10khz 192–197 15khz 198–203 20khz 204–209 25khz 210–221 P/T Reset 222–233 Head Reset 234–255 All Reset