Krypton

B200X



Manufacturer	**Krypton**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**23, 28 channels**
Beam angle	**2°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**155 × 276 × 189 mm**
GDTF fixture type	**00F50310-9121-411E-84E6-149…**

Controls

Focus · Frost · Prism · Prism rotation · RGB colour mixing · Colour wheel · Dimmer · Pan and tilt · Gobos

Safety-relevant functions

Fixture reset

DMX modes

Standard	23 ch
Extended	28 ch

Standard

23 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	Pan Rotate	0	0–127 Idle 128–189 Pan CW Fast to Slow 190–193 Stop 194–255 Pan CCW Slow to Fast
6	Tilt Rotate	0	0–127 Idle 128–189 Tilt CW Fast to Slow 190–193 Stop 194–255 Tilt CCW Slow to Fast
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Shutter1Strobe	96	0–31 Close 32–63 Open 64–95 Strobe Slow to Fast 104–127 Open 128–159 Ramp Up Slow to Fast 160–191 Open 192–223 Random Strobe Slow to Fast 252–255 Open
10	Red	0	
11	Green	0	
12	Blue	0	

Standard (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–5 Open (wheel slot 1) 6–14 Red (wheel slot 2) 15–23 Orange (wheel slot 3) 24–32 Yellow (wheel slot 4) 33–41 Green (wheel slot 5) 42–50 CTO (wheel slot 6) 51–59 Magenta (wheel slot 7) 60–68 Pink (wheel slot 8) 69–77 Dark Blue (wheel slot 9) 78–86 Amber (wheel slot 10) 87–95 Cyan (wheel slot 11) 96–99 Open (wheel slot 1) 100–103 Open/Red (wheel slot 15) 104–107 Red (wheel slot 2) 108–111 Red/Orange 112–115 Orange (wheel slot 3) 116–119 Orange/Yellow 120–123 Yellow (wheel slot 4) 124–127 Yellow/Green 128–131 Green (wheel slot 5) 132–135 Green/CTO 136–139 CTO (wheel slot 6) 140–143 CTO/Magenta 144–147 Magenta (wheel slot 7) 148–151 Magenta/Pink 152–154 Pink (wheel slot 8) 155–159 Pink/Dk Blue 160–163 Dark Blue (wheel slot 9) 164–167 Dk Blue/Amber 168–171 Amber (wheel slot 10) 172–175 Amber/Cyan 176–179 Cyan (wheel slot 11) 180–182 Cyan/Open 183–184 Open (wheel slot 12) 185–218 CW Spin Fast to Slow 219–221 Stop 222–255 CCW Spin Slow to Fast
14	Color Wheel Fine	0	Fine byte of Color Wheel

Standard (continued)

Ch	Function	Default	DMX values
15	Gobo	0	0–5 Open (wheel slot 1) 6–11 gobo 1 1 (wheel slot 2) 12–17 gobo 1 2 (wheel slot 3) 18–23 gobo 1 3 (wheel slot 4) 24–29 gobo 1 4 (wheel slot 5) 30–35 gobo 1 5 (wheel slot 6) 36–41 gobo 1 6 (wheel slot 7) 42–47 gobo 1 7 (wheel slot 8) 48–53 gobo 1 8 (wheel slot 9) 54–59 gobo 1 9 (wheel slot 10) 60–65 gobo 1 10 (wheel slot 11) 66–71 gobo 1 11 (wheel slot 12) 72–77 gobo 1 12 (wheel slot 13) 78–83 gobo 1 13 (wheel slot 14) 84–89 gobo 1 14 (wheel slot 15) 90–95 Open Gobo Shake 96–101 FixedGobo 1 shake (wheel slot 2) 102–107 FixedGobo 2 shake (wheel slot 3) 108–113 FixedGobo 3 shake (wheel slot 4) 114–119 FixedGobo 4 shake (wheel slot 5) 120–125 FixedGobo 5 shake (wheel slot 6) 126–131 FixedGobo 6 shake (wheel slot 7) 132–137 FixedGobo 7 shake (wheel slot 8) 138–143 FixedGobo 8 shake (wheel slot 9) 144–149 FixedGobo 9 shake (wheel slot 10) 150–155 FixedGobo 10 shake (wheel slot 11) 156–161 FixedGobo 11 shake (wheel slot 12) 162–167 FixedGobo 12 shake (wheel slot 13) 168–173 FixedGobo 13 shake (wheel slot 14) 174–179 FixedGobo 14 shake (wheel slot 15) 180–192 Open (wheel slot 1) 193–223 CW Scroll Fast to Slow 224–224 Stop 225–255 CCW Slow to Fast
16	Prism	0	0–31 Open (wheel slot 1) 32–255 8 Facet Prism (wheel slot 2)
17	Prism Rotation	0	0–127 Prism1 Index 128–189 CW Rotation Fast to Slow 190–193 No rotation 194–255 CCW Rotation Slow to Fast
18	Prism	0	0–31 Open (wheel slot 1) 32–255 6 Facet Prism (wheel slot 2)
19	Prism Rotation	0	0–127 Prism 2 Index 128–189 CW Rotation Fast to Slow 190–193 No rotation 194–255 CCW Rotation Slow to Fast
20	Focus	0	
21	Frost1	0	
22	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

Standard (continued)

Ch	Function	Default	DMX values
23	Control2	0	0–5 Idle 6–17 Invert Pan ON 18–29 Invert Pan OFF 30–41 Invert Tilt ON 42–53 Invert Tilt OFF 54–61 Fan Silent 62–69 Fan Auto 70–77 Fan High 78–89 Linear Dimmer Curve 90–101 Square Dimmer Curve 102–113 Inv-Square Dimmer Curve 114–125 S-Dimmer Curve 126–131 LED Freq 900 Hz 132–137 LED Freq 1000 Hz 138–143 LED Freq 1100Hz 144–149 LED Freq 1200 Hz 150–155 LED Freq 1300 Hz 156–161 LED Freq 1400 Hz 162–167 LED Freq 1500 Hz 168–173 LED Freq 2500 Hz 174–179 LED Freq 4000 Hz 180–185 LED Freq 5000 Hz 186–191 LED Freq 10000 Hz 192–197 LED Freq 15000 Hz 198–203 LED Freq 20000 Hz 204–209 LED Freq 25000 Hz 210–221 Reset Pan/Tilt 222–233 Reset Head 234–255 Reset ALL

Extended

28 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	Pan Rotate	0	0–127 Idle 128–189 Pan CW Fast to Slow 190–193 Stop 194–255 Pan CCW Slow to Fast
6	Tilt Rotate	0	0–127 Idle 128–189 Tilt CW Fast to Slow 190–193 Stop 194–255 Tilt CCW Slow to Fast
7	Dimmer	0	0–254 Closed 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer
9	Shutter1Strobe	96	0–31 Close 32–63 Open 64–95 Strobe Slow to Fast 104–127 Open 128–159 Ramp Up Slow to Fast 160–191 Open 192–223 Random Strobe Slow to Fast 252–255 Open
10	Red	0	

Extended (continued)

Ch	Function	Default	DMX values
11	Red Fine	0	Fine byte of Red
12	Green	0	
13	Green Fine	0	Fine byte of Green
14	Blue	0	
15	Blue Fine	0	Fine byte of Blue
16	Color Wheel	0	0–5 Open (wheel slot 1) 6–14 Red (wheel slot 2) 15–23 Orange (wheel slot 3) 24–32 Yellow (wheel slot 4) 33–41 Green (wheel slot 5) 42–50 CTO (wheel slot 6) 51–59 Magenta (wheel slot 7) 60–68 Pink (wheel slot 8) 69–77 Dark Blue (wheel slot 9) 78–86 Amber (wheel slot 10) 87–95 Cyan (wheel slot 11) 96–99 Open (wheel slot 1) 100–103 Open/Red (wheel slot 15) 104–107 Red (wheel slot 2) 108–111 Red/Orange 112–115 Orange (wheel slot 3) 116–119 Orange/Yellow 120–123 Yellow (wheel slot 4) 124–127 Yellow/Green 128–131 Green (wheel slot 5) 132–135 Green/CTO 136–139 CTO (wheel slot 6) 140–143 CTO/Magenta 144–147 Magenta (wheel slot 7) 148–151 Magenta/Pink 152–154 Pink (wheel slot 8) 155–159 Pink/Dk Blue 160–163 Dark Blue (wheel slot 9) 164–167 Dk Blue/Amber 168–171 Amber (wheel slot 10) 172–175 Amber/Cyan 176–179 Cyan (wheel slot 11) 180–182 Cyan/Open 183–184 Open (wheel slot 12) 185–218 CW Spin Fast to Slow 219–221 Stop 222–255 CCW Spin Slow to Fast
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) 6–11 gobo 1 1 (wheel slot 2) 12–17 gobo 1 2 (wheel slot 3) 18–23 gobo 1 3 (wheel slot 4) 24–29 gobo 1 4 (wheel slot 5) 30–35 gobo 1 5 (wheel slot 6) 36–41 gobo 1 6 (wheel slot 7) 42–47 gobo 1 7 (wheel slot 8) 48–53 gobo 1 8 (wheel slot 9) 54–59 gobo 1 9 (wheel slot 10) 60–65 gobo 1 10 (wheel slot 11) 66–71 gobo 1 11 (wheel slot 12) 72–77 gobo 1 12 (wheel slot 13) 78–83 gobo 1 13 (wheel slot 14) 84–89 gobo 1 14 (wheel slot 15) 90–95 Open Gobo Shake 96–101 FixedGobo 1 shake (wheel slot 2) 102–107 FixedGobo 2 shake (wheel slot 3) 108–113 FixedGobo 3 shake (wheel slot 4) 114–119 FixedGobo 4 shake (wheel slot 5) 120–125 FixedGobo 5 shake (wheel slot 6) 126–131 FixedGobo 6 shake (wheel slot 7) 132–137 FixedGobo 7 shake (wheel slot 8) 138–143 FixedGobo 8 shake (wheel slot 9) 144–149 FixedGobo 9 shake (wheel slot 10) 150–155 FixedGobo 10 shake (wheel slot 11) 156–161 FixedGobo 11 shake (wheel slot 12) 162–167 FixedGobo 12 shake (wheel slot 13) 168–173 FixedGobo 13 shake (wheel slot 14) 174–179 FixedGobo 14 shake (wheel slot 15) 180–192 Open (wheel slot 1) 193–223 CW Scroll Fast to Slow 224–224 Stop 225–255 CCW Slow to Fast
19	Prism	0	0–31 Open (wheel slot 1) 32–255 8 Facet Prism (wheel slot 2)
20	Prism Rotation	0	0–127 Prism1 Index 128–189 CW Rotation Fast to Slow 190–193 No rotation 194–255 CCW Rotation Slow to Fast
21	Prism	0	0–31 Open (wheel slot 1) 32–255 6 Facet Prism (wheel slot 2)
22	Prism Rotation	0	0–127 Prism 2 Index 128–189 CW Rotation Fast to Slow 190–193 No rotation 194–255 CCW Rotation Slow to Fast
23	Focus	0	
24	Focus Fine	0	Fine byte of Focus
25	Frost1	0	
26	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting
27	Pan Tilt Mode	0	0–225 P/T Speed 226–235 Blink On Move 236–255 Idle

Extended (continued)

Ch	Function	Default	DMX values
28	Control2	0	0–5 Idle 6–17 Invert Pan ON 18–29 Invert Pan OFF 30–41 Invert Tilt ON 42–53 Invert Tilt OFF 54–61 Fan Silent 62–69 Fan Auto 70–77 Fan High 78–89 Linear Dimmer Curve 90–101 Square Dimmer Curve 102–113 Inv-Square Dimmer Curve 114–125 S-Dimmer Curve 126–131 LED Freq 900 Hz 132–137 LED Freq 1000 Hz 138–143 LED Freq 1100Hz 144–149 LED Freq 1200 Hz 150–155 LED Freq 1300 Hz 156–161 LED Freq 1400 Hz 162–167 LED Freq 1500 Hz 168–173 LED Freq 2500 Hz 174–179 LED Freq 4000 Hz 180–185 LED Freq 5000 Hz 186–191 LED Freq 10000 Hz 192–197 LED Freq 15000 Hz 198–203 LED Freq 20000 Hz 204–209 LED Freq 25000 Hz 210–221 Reset Pan/Tilt 222–233 Reset Head 234–255 Reset ALL