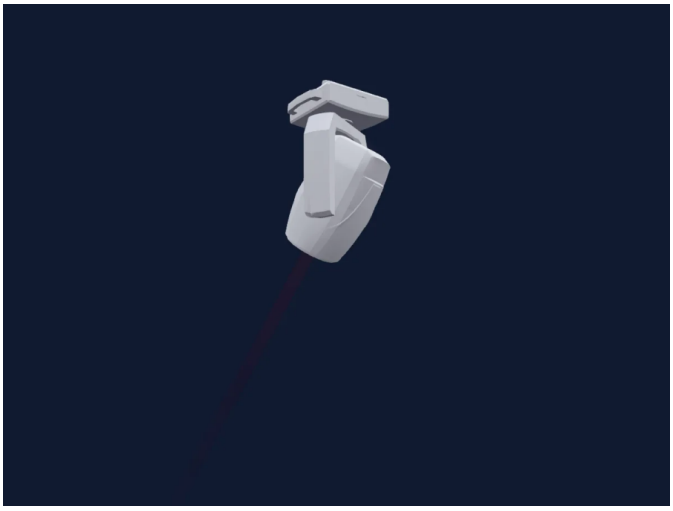
CKC Lighting

Proxima IP



Manufacturer	**CKC Lighting**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**22, 30 channels**
Beam angle	**0.8°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**310 × 510 × 310 mm**
GDTF fixture type	**AAD5BCA3-9059-43C5-9184-1B…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Standard 22CH	22 ch
Extend 30CH	30 ch

Standard 22CH

22 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 close 255–255 open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter Open 2
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	

Standard 22CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–5 Open (wheel slot 18) 6–9 Color 1 (wheel slot 1) 10–13 Color 2 (wheel slot 2) 14–17 Color 3 (wheel slot 3) 18–21 Color 4 (wheel slot 4) 22–25 Color 5 (wheel slot 5) 26–29 Color 6 (wheel slot 6) 30–33 Color 7 (wheel slot 7) 34–37 Color 8 (wheel slot 8) 38–41 Color 9 (wheel slot 9) 42–45 Color 10 (wheel slot 10) 46–49 Color 11 (wheel slot 11) 50–53 Color 12 (wheel slot 12) 54–57 Color 13 (wheel slot 13) 58–61 Color 14 (wheel slot 14) 62–65 Color 15 (wheel slot 15) 66–69 Color 16 (wheel slot 16) 70–73 Color 17 (wheel slot 17) 74–79 Color 0-1 (wheel slot 18) 80–85 Color 1-2 (wheel slot 1) 86–91 Color 2-3 (wheel slot 2) 92–97 Color 3-4 (wheel slot 3) 98–103 Color 4-5 (wheel slot 4) 104–109 Color 5-6 (wheel slot 5) 110–115 Color 6-7 (wheel slot 6) 116–121 Color 7-8 (wheel slot 7) 122–127 Color 8-9 (wheel slot 8) 128–133 Color 9-10 (wheel slot 9) 134–139 Color 10-11 (wheel slot 10) 140–145 Color 11-12 (wheel slot 11) 146–151 Color 12-13 (wheel slot 12) 152–157 Color 13-14 (wheel slot 13) 158–163 Color 14-15 (wheel slot 14) 164–169 Color 15-16 (wheel slot 15) 170–175 Color 16-17 (wheel slot 16) 176–180 Color 17-0 (wheel slot 17) 181–181 open (wheel slot 18) 182–213 Clockwise from fast to slow 214–223 No rotation 224–255 Counter-clockwise from slow to fast

Standard 22CH (continued)

Ch	Function	Default	DMX values
12	Gobo	0	0–5 Open (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–45 Gobo 8 (wheel slot 9) 46–50 Gobo 9 (wheel slot 10) 51–55 Gobo 10 (wheel slot 11) 56–60 Gobo 11 (wheel slot 12) 61–65 Gobo 12 (wheel slot 13) 66–70 Gobo 13 (wheel slot 14) 71–75 Gobo 14 (wheel slot 15) 76–80 Gobo 15 (wheel slot 16) 81–85 Gobo 16 (wheel slot 17) 86–90 Gobo 17 (wheel slot 18) 91–95 Gobo 18 (wheel slot 19) 96–100 Gobo 19 (wheel slot 20) 101–105 Gobo 1 shake (wheel slot 1) 106–110 Gobo 2 shake (wheel slot 2) 111–115 Gobo 3 shake (wheel slot 3) 116–120 Gobo 4 shake (wheel slot 4) 121–125 Gobo 5 shake (wheel slot 5) 126–130 Gobo 6 shake (wheel slot 6) 131–135 Gobo 7 shake (wheel slot 7) 136–140 Gobo 8 shake (wheel slot 8) 141–145 Gobo 9 shake (wheel slot 9) 146–150 Gobo 10 shake (wheel slot 10) 151–155 Gobo 11 shake (wheel slot 11) 156–160 Gobo 12 shake (wheel slot 12) 161–165 Gobo 13 shake (wheel slot 13) 166–170 Gobo 14 shake (wheel slot 14) 171–175 Gobo 15 shake (wheel slot 15) 176–180 Gobo 16 shake (wheel slot 16) 181–185 Gobo 17 shake (wheel slot 17) 186–190 Gobo 18 shake (wheel slot 18) 191–195 Gobo 19 shake (wheel slot 19) 196–224 Clockwise from fast to slow 225–226 No rotation 227–255 Counter-clockwise from slow to fast
13	Prism	0	0–5 Open (wheel slot 3) 6–127 16 fact (wheel slot 1) 128–255 6 linear (wheel slot 2)
14	Prism Rotation	192	0–5 Open 6–128 Prism indexing 129–191 Forwards prism rotation from fast to slow 192–192 No rotation 193–255 Backwards prism rotation from slow to fast
15	Prism	0	0–5 Open (wheel slot 3) 6–127 24 fact (wheel slot 1) 128–255 8 fact (wheel slot 2)
16	Prism Rotation	192	0–5 Open 6–128 Prism indexing 129–191 Forwards prism rotation from fast to slow 192–192 No rotation 193–255 Backwards prism rotation from slow to fast
17	Prism	0	0–5 No function (wheel slot 1) 6–255 Split Color (wheel slot 2)

Standard 22CH (continued)

Ch	Function	Default	DMX values
18	Prism Rotation	190	0–127 Split Color index 128–189 Forwards rotation from Fast to' Slow 190–193 No rotation 194–255 Backwards rotation slow to fast
19	Focus	0	
20	Frost1	0	0–254 close 255–255 open Frost
21	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architecture 81–100 Theater 101–255 Idle
22	Control1	0	0–5 No function 6–17 Invert Pan on 18–29 Invert Pan off 30–41 Invert Tilt on 42–53 Invert Tilt off 54–61 Fan Auto 62–69 Fan Silent 70–77 Fan High 78–89 Linear 90–101 Suqare 102–113 Inv-S 114–125 S-Cure 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

Extend 30CH

30 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 close 255–255 open
6	Dimmer Fine	0	Fine byte of Dimmer

Extend 30CH (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter Open 2
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	Color Wheel	0	0–5 Open (wheel slot 18) 6–9 Color 1 (wheel slot 1) 10–13 Color 2 (wheel slot 2) 14–17 Color 3 (wheel slot 3) 18–21 Color 4 (wheel slot 4) 22–25 Color 5 (wheel slot 5) 26–29 Color 6 (wheel slot 6) 30–33 Color 7 (wheel slot 7) 34–37 Color 8 (wheel slot 8) 38–41 Color 9 (wheel slot 9) 42–45 Color 10 (wheel slot 10) 46–49 Color 11 (wheel slot 11) 50–53 Color 12 (wheel slot 12) 54–57 Color 13 (wheel slot 13) 58–61 Color 14 (wheel slot 14) 62–65 Color 15 (wheel slot 15) 66–69 Color 16 (wheel slot 16) 70–73 Color 17 (wheel slot 17) 74–79 Color 0-1 (wheel slot 18) 80–85 Color 1-2 (wheel slot 1) 86–91 Color 2-3 (wheel slot 2) 92–97 Color 3-4 (wheel slot 3) 98–103 Color 4-5 (wheel slot 4) 104–109 Color 5-6 (wheel slot 5) 110–115 Color 6-7 (wheel slot 6) 116–121 Color 7-8 (wheel slot 7) 122–127 Color 8-9 (wheel slot 8) 128–133 Color 9-10 (wheel slot 9) 134–139 Color 10-11 (wheel slot 10) 140–145 Color 11-12 (wheel slot 11) 146–151 Color 12-13 (wheel slot 12) 152–157 Color 13-14 (wheel slot 13) 158–163 Color 14-15 (wheel slot 14) 164–169 Color 15-16 (wheel slot 15) 170–175 Color 16-17 (wheel slot 16) 176–180 Color 17-0 (wheel slot 17) 181–181 Open (wheel slot 18) 182–213 Clockwise from fast to slow 214–223 No rotation 224–255 Counter-clockwise from slow to fast

Extend 30CH (continued)

Ch	Function	Default	DMX values
15	Gobo	0	0–5 Open (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–45 Gobo 8 (wheel slot 9) 46–50 Gobo 9 (wheel slot 10) 51–55 Gobo 10 (wheel slot 11) 56–60 Gobo 11 (wheel slot 12) 61–65 Gobo 12 (wheel slot 13) 66–70 Gobo 13 (wheel slot 14) 71–75 Gobo 14 (wheel slot 15) 76–80 Gobo 15 (wheel slot 16) 81–85 Gobo 16 (wheel slot 17) 86–90 Gobo 17 (wheel slot 18) 91–95 Gobo 18 (wheel slot 19) 96–100 Gobo 19 (wheel slot 20) 101–105 Gobo 1 shake (wheel slot 1) 106–110 Gobo 2 shake (wheel slot 2) 111–115 Gobo 3 shake (wheel slot 3) 116–120 Gobo 4 shake (wheel slot 4) 121–125 Gobo 5 shake (wheel slot 5) 126–130 Gobo 6 shake (wheel slot 6) 131–135 Gobo 7 shake (wheel slot 7) 136–140 Gobo 8 shake (wheel slot 8) 141–145 Gobo 9 shake (wheel slot 9) 146–150 Gobo 10 shake (wheel slot 10) 151–155 Gobo 11 shake (wheel slot 11) 156–160 Gobo 12 shake (wheel slot 12) 161–165 Gobo 13 shake (wheel slot 13) 166–170 Gobo 14 shake (wheel slot 14) 171–175 Gobo 15 shake (wheel slot 15) 176–180 Gobo 16 shake (wheel slot 16) 181–185 Gobo 17 shake (wheel slot 17) 186–190 Gobo 18 shake (wheel slot 18) 191–195 Gobo 19 shake (wheel slot 19) 196–224 Clockwise from fast to slow 225–226 No rotation 227–255 Counter-clockwise from slow to fast
16	Prism	0	0–5 Open (wheel slot 3) 6–127 16 fact (wheel slot 1) 128–255 6 linear (wheel slot 2)
17	Prism Rotation	192	0–5 Open 6–128 Prism indexing 129–191 Forwards prism rotation from fast to slow 192–192 No rotation 193–255 Backwards prism rotation from slow to fast
18	Prism Rotation Fine	192	Fine byte of Prism Rotation
19	Prism	0	0–5 Open (wheel slot 3) 6–127 24 fact (wheel slot 1) 128–255 8 fact (wheel slot 2)
20	Prism Rotation	192	0–5 Open 6–128 Prism indexing 129–191 Forwards prism rotation from fast to slow 192–192 No rotation 193–255 Backwards prism rotation from slow to fast
21	Prism Rotation Fine	192	Fine byte of Prism Rotation

Extend 30CH (continued)

Ch	Function	Default	DMX values
22	Prism	0	0–5 No function (wheel slot 1) 6–255 Split Color (wheel slot 2)
23	Prism Rotation	190	0–127 Split Color index 128–189 Forwards rotation from Fast to' Slow 190–193 No rotation 194–255 Backwards rotation slow to fast
24	Prism Rotation Fine	190	Fine byte of Prism Rotation
25	Focus	0	
26	Focus Fine	0	Fine byte of Focus
27	Frost1	0	0–254 close 255–255 open Frost
28	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architecture 81–100 Theater 101–255 Idle
29	Position Effect Rate	0	
30	Control1	0	0–5 No function 6–17 Invert Pan on 18–29 Invert Pan off 30–41 Invert Tilt on 42–53 Invert Tilt off 54–61 Fan Auto 62–69 Fan Silent 70–77 Fan High 78–89 Linear 90–101 Suqare 102–113 Inv-S 114–125 S-Cure 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