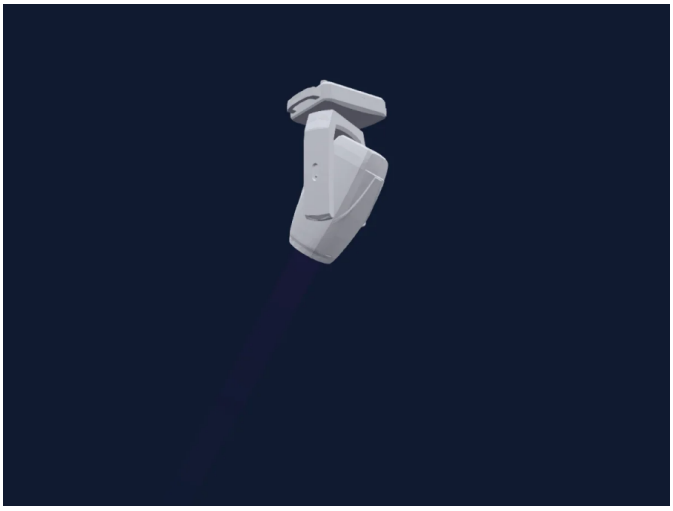
CKC Lighting

VH5BIP(Without CMY)



Manufacturer	**CKC Lighting**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**18, 20 channels**
Beam angle	**1.3°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**308 × 535 × 274 mm**
GDTF fixture type	**0A474C8F-5764-4681-9FBE-076…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

Standard 18CH	18 ch
Extended 20CH	20 ch

Standard 18CH

18 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 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 shutter open(2) 128–158 min pulse 159–159 max pulse 160–191 shutter open(3) 192–222 min Random 223–223 max Random 224–255 shutter open(4)
8	Color Wheel	0	0–4 open (wheel slot 14) 5–9 Color 1 (wheel slot 1) 10–14 Color 2 (wheel slot 2) 15–19 Color 3 (wheel slot 3) 20–24 Color 4 (wheel slot 4) 25–29 Color 5 (wheel slot 5) 30–34 Color 6 (wheel slot 6) 35–39 Color 7 (wheel slot 7) 40–44 Color 8 (wheel slot 8) 45–49 Color 9 (wheel slot 9) 50–54 Color 10 (wheel slot 10) 55–59 Color 11 (wheel slot 11) 60–64 Color 12 (wheel slot 12) 65–69 Color 13 (wheel slot 13) 70–182 indexing 183–214 Fast to Slow CW 215–223 Stop 224–255 Slow to Fast CCW
9	Color Wheel Fine	0	Fine byte of Color Wheel

Standard 18CH (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–2 Open (wheel slot 1) 3–11 Gobo 1 (wheel slot 2) 12–20 Gobo 2 (wheel slot 3) 21–29 Gobo 3 (wheel slot 4) 30–38 Gobo 4 (wheel slot 5) 39–47 Gobo 5 (wheel slot 6) 48–56 Gobo 6 (wheel slot 7) 57–65 Gobo 7 (wheel slot 8) 66–74 Gobo 8 (wheel slot 9) 75–83 Gobo 9 (wheel slot 10) 84–92 Gobo 10 (wheel slot 11) 93–101 Gobo 11 (wheel slot 12) 102–110 Gobo 12 (wheel slot 13) 111–119 Gobo 13 (wheel slot 14) 120–128 Gobo 14 (wheel slot 15) 129–131 open (wheel slot 1) 132–135 Gobo 1 shake (wheel slot 2) 136–139 Gobo 2 shake (wheel slot 3) 140–143 Gobo 3 shake (wheel slot 4) 144–147 Gobo 4 shake (wheel slot 5) 148–151 Gobo 5 shake (wheel slot 6) 152–155 Gobo 6 shake (wheel slot 7) 156–159 Gobo 7 shake (wheel slot 8) 160–163 Gobo 8 shake (wheel slot 9) 164–167 Gobo 9 shake (wheel slot 10) 168–171 Gobo 10 shake (wheel slot 11) 172–175 Gobo 11 shake (wheel slot 12) 176–179 Gobo 12 shake (wheel slot 13) 180–183 Gobo 13 shake (wheel slot 14) 184–187 Gobo 14 shake (wheel slot 15) 188–191 open (wheel slot 1) 192–223 Fast to Slow CW 224–224 Stop 225–255 Slow to Fast CCW
11	Prism	0	0–5 open (wheel slot 1) 6–127 Prism1 (wheel slot 2) 128–255 Prism2 (wheel slot 3)
12	Prism Rotation	0	0–5 open 6–128 Prism1/2 indexing 129–191 Fast to Slow CW 192–192 No rotation 193–255 Slow to Fast CCW
13	Prism	0	0–5 open 6–255 16 facet prism
14	Prism Rotation	0	0–5 open 6–128 indexing 129–191 Fast to Slow CW 192–192 No rotation 193–255 Slow to Fast CCW
15	Color Wheel 2	0	0–5 close (wheel slot 1) 6–255 open (wheel slot 2)
16	Focus	0	
17	Frost1	0	

Standard 18CH (continued)

Ch	Function	Default	DMX values
18	Control1	0	0–1 No function 2–3 OFF Display Backlight 4–5 ON Display Backlight 6–35 No function 36–50 Lamp On(hold 3s) 51–80 Lamp OFF(hold 3s) 81–95 Invert Pan Off 96–110 Invert Tilt On 111–125 Invert Tilt Off 126–215 No function 216–230 Head Reset 231–255 All Reset

Extended 20CH

20 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 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 shutter open(2) 128–158 min pulse 159–159 max pulse 160–191 shutter open(3) 192–222 min Random 223–223 max Random 224–255 shutter open(4)
8	Color Wheel	0	0–4 open (wheel slot 14) 5–9 Color 1 (wheel slot 1) 10–14 Color 2 (wheel slot 2) 15–19 Color 3 (wheel slot 3) 20–24 Color 4 (wheel slot 4) 25–29 Color 5 (wheel slot 5) 30–34 Color 6 (wheel slot 6) 35–39 Color 7 (wheel slot 7) 40–44 Color 8 (wheel slot 8) 45–49 Color 9 (wheel slot 9) 50–54 Color 10 (wheel slot 10) 55–59 Color 11 (wheel slot 11) 60–64 Color 12 (wheel slot 12) 65–69 Color 13 (wheel slot 13) 70–182 indexing 183–214 Fast to Slow CW 215–223 Stop 224–255 Slow to Fast CCW
9	Color Wheel Fine	0	Fine byte of Color Wheel

Extended 20CH (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–2 Open (wheel slot 1) 3–11 Gobo 1 (wheel slot 2) 12–20 Gobo 2 (wheel slot 3) 21–29 Gobo 3 (wheel slot 4) 30–38 Gobo 4 (wheel slot 5) 39–47 Gobo 5 (wheel slot 6) 48–56 Gobo 6 (wheel slot 7) 57–65 Gobo 7 (wheel slot 8) 66–74 Gobo 8 (wheel slot 9) 75–83 Gobo 9 (wheel slot 10) 84–92 Gobo 10 (wheel slot 11) 93–101 Gobo 11 (wheel slot 12) 102–110 Gobo 12 (wheel slot 13) 111–119 Gobo 13 (wheel slot 14) 120–128 Gobo 14 (wheel slot 15) 129–131 open (wheel slot 1) 132–135 Gobo 1 shake (wheel slot 2) 136–139 Gobo 2 shake (wheel slot 3) 140–143 Gobo 3 shake (wheel slot 4) 144–147 Gobo 4 shake (wheel slot 5) 148–151 Gobo 5 shake (wheel slot 6) 152–155 Gobo 6 shake (wheel slot 7) 156–159 Gobo 7 shake (wheel slot 8) 160–163 Gobo 8 shake (wheel slot 9) 164–167 Gobo 9 shake (wheel slot 10) 168–171 Gobo 10 shake (wheel slot 11) 172–175 Gobo 11 shake (wheel slot 12) 176–179 Gobo 12 shake (wheel slot 13) 180–183 Gobo 13 shake (wheel slot 14) 184–187 Gobo 14 shake (wheel slot 15) 188–191 open (wheel slot 1) 192–223 Fast to Slow CW 224–224 Stop 225–255 Slow to Fast CCW
11	Prism	0	0–5 open (wheel slot 1) 6–127 Prism1 (wheel slot 2) 128–255 Prism2 (wheel slot 3)
12	Prism Rotation	0	0–5 open 6–128 Prism1/2 indexing 129–191 Fast to Slow CW 192–192 No rotation 193–255 Slow to Fast CCW
13	Prism	0	0–5 open 6–255 16 facet prism
14	Prism Rotation	0	0–5 open 6–128 indexing 129–191 Fast to Slow CW 192–192 No rotation 193–255 Slow to Fast CCW
15	Color Wheel 2	0	0–5 close (wheel slot 1) 6–255 open (wheel slot 2)
16	Focus	0	
17	Focus Fine	0	Fine byte of Focus
18	Frost1	0	
19	Position MSpeed	0	

Extended 20CH (continued)

Ch	Function	Default	DMX values
20	Control1	0	0–1 No function 2–3 OFF Display Backlight 4–5 ON Display Backlight 6–35 No function 36–50 Lamp On(hold 3s) 51–80 Lamp OFF(hold 3s) 81–95 Invert Pan Off 96–110 Invert Tilt On 111–125 Invert Tilt Off 126–215 No function 216–230 Head Reset 231–255 All Reset