CKC Lighting

V4s IP



Manufacturer	**CKC Lighting**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**24, 29, 36 channels**
Beam angle	**8-41°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**280 × 420 × 230 mm**
GDTF fixture type	**BBC0E556-13EA-4DF8-A18E-D1…**

Controls

Focus · Frost · 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

Strobe

DMX modes

24 CH	24 ch
29 CH	29 ch
36 CH	36 ch

24 CH

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Cyan	0	0–126 0 % 127–254 50 % 255–255 100 %
4	Magenta	0	0–126 0 % 127–254 50 % 255–255 100 %
5	Yellow	0	0–126 0 % 127–254 50 % 255–255 100 %
6	C TO	0	0–126 0 % 127–254 50 % 255–255 100 %
7	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2700 K (wheel slot 5) 25–25 2800 K (wheel slot 6) 26–26 2900 K (wheel slot 7) 27–27 3000 K (wheel slot 8) 28–28 3100 K (wheel slot 9) 29–29 3200 K (wheel slot 10) 30–30 3300 K (wheel slot 11) 31–31 3400 K (wheel slot 12) 32–32 3500 K (wheel slot 13) 33–33 3600 K (wheel slot 14) 34–34 3700 K (wheel slot 15) 35–35 3800 K (wheel slot 16) 36–36 3900 K (wheel slot 17) 37–37 4000 K (wheel slot 18) 38–38 4100 K (wheel slot 19) 39–39 4200 K (wheel slot 20) 40–40 4300 K (wheel slot 21) 41–41 4400 K (wheel slot 22) 42–42 4500 K (wheel slot 23) 43–43 4600 K (wheel slot 24) 44–44 4700 K (wheel slot 25) 45–45 4800 K (wheel slot 26) 46–46 4900 K (wheel slot 27) 47–47 5000 K (wheel slot 28) 48–48 5100 K (wheel slot 29) 49–49 5200 K (wheel slot 30) 50–50 5300 K (wheel slot 31) 51–51 5400 K (wheel slot 32) 52–52 5500 K (wheel slot 33) 53–53 5600 K (wheel slot 34) 54–54 5700 K (wheel slot 35) 55–55 5800 K (wheel slot 36) 56–56 5900 K (wheel slot 37) 57–57 6000 K (wheel slot 38) 58–58 6100 K (wheel slot 39) 59–59 6200 K (wheel slot 40) 60–60 6300 K (wheel slot 41) 61–61 6400 K (wheel slot 42) 62–62 6500 K (wheel slot 43) 63–63 6600 K (wheel slot 44) 64–255 6700 K (wheel slot 45)

24 CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel 2	0	0–4 Open (wheel slot 8) 5–17 Open/Red (wheel slot 8) 18–30 Red (wheel slot 1) 31–43 Red/Medium Blue (wheel slot 1) 44–56 Medium Blue (wheel slot 2) 57–69 Medium Blue / Green (wheel slot 2) 70–82 Green (wheel slot 3) 83–95 Green / Amber (wheel slot 3) 96–108 Amber (wheel slot 4) 109–121 Amber / Orange (wheel slot 4) 122–134 Orange (wheel slot 5) 135–147 Orange / High CRI Filter (wheel slot 5) 148–160 High CRI Filter (wheel slot 6) 161–173 High CRI Filter / CTB (wheel slot 6) 174–186 CTB (wheel slot 7) 187–199 CTB / Open (wheel slot 7) 200–226 Clockwise Color Wheel Rotation fast to slow 227–228 No Rotation 229–255 Counter-Clockwise Color Wheel Rotation slow to fa…
9	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–94 Gobo Shake 1 (wheel slot 2) 95–109 Gobo Shake 2 (wheel slot 3) 110–124 Gobo Shake 3 (wheel slot 4) 125–139 Gobo Shake 4 (wheel slot 5) 140–154 Gobo Shake 5 (wheel slot 6) 155–169 Gobo Shake 6 (wheel slot 7) 170–189 Gobo Shake 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation fast to slow 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation slow to f…
10	Gobo Rotation	0	0–5 Gobo 1 Rotation Off 6–128 0 to 540 129–191 Clockwise Gobo Rotation fast to slow 192–192 No Rotation 193–255 Counter Clockwise Gobo Rotation slow to fast
11	Gobo 2	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Gobo Shake 1 (wheel slot 2) 92–105 Gobo Shake 2 (wheel slot 3) 106–119 Gobo Shake 3 (wheel slot 4) 120–133 Gobo Shake 4 (wheel slot 5) 134–147 Gobo Shake 5 (wheel slot 6) 148–161 Gobo Shake 6 (wheel slot 7) 162–175 Gobo Shake 7 (wheel slot 8) 176–189 Gobo Shake 8 (wheel slot 9) 190–221 Clockwise Gobo Wheel Rotation Fast to Slow 222–223 No rotation 224–255 Counter-Clockwise Gobo Wheel Rotation slow to f…

24 CH (continued)

Ch	Function	Default	DMX values
12	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
13	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
14	Prism	0	0–5 No Prism(Open) 6–66 Prism 1 (6 Linear Prism) (wheel slot 1) 67–127 Prism 2 (4 Facet Prism) (wheel slot 2) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
15	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Clockwise Prism Rotation fast to slow 192–192 No Rotation 193–255 Counter-Clockwise Prism Rotation slow to fast
16	Focus	0	
17	Zoom	0	
18	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
19	Frost2	0	0–126 0 % 127–254 50 % 255–255 100 %
20	Animation Wheel1	0	0–5 Off 6–128 0 to 540 129–191 Clockwise Animation Rotation fast to slow 192–192 No Rotation 193–255 Counter-Clockwise Animation Rotation slow to fast

24 CH (continued)

Ch	Function	Default	DMX values
21	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
22	Color Macro1Rate	0	
23	Position MSpeed	0	0–224 Fastest 225–225 Slowest 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
24	Function	0	

29 CH

29 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	Cyan	0	0–126 0 % 127–254 50 % 255–255 100 %
6	Magenta	0	0–126 0 % 127–254 50 % 255–255 100 %
7	Yellow	0	0–126 0 % 127–254 50 % 255–255 100 %
8	C TO	0	0–126 0 % 127–254 50 % 255–255 100 %

29 CH (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2700 K (wheel slot 5) 25–25 2800 K (wheel slot 6) 26–26 2900 K (wheel slot 7) 27–27 3000 K (wheel slot 8) 28–28 3100 K (wheel slot 9) 29–29 3200 K (wheel slot 10) 30–30 3300 K (wheel slot 11) 31–31 3400 K (wheel slot 12) 32–32 3500 K (wheel slot 13) 33–33 3600 K (wheel slot 14) 34–34 3700 K (wheel slot 15) 35–35 3800 K (wheel slot 16) 36–36 3900 K (wheel slot 17) 37–37 4000 K (wheel slot 18) 38–38 4100 K (wheel slot 19) 39–39 4200 K (wheel slot 20) 40–40 4300 K (wheel slot 21) 41–41 4400 K (wheel slot 22) 42–42 4500 K (wheel slot 23) 43–43 4600 K (wheel slot 24) 44–44 4700 K (wheel slot 25) 45–45 4800 K (wheel slot 26) 46–46 4900 K (wheel slot 27) 47–47 5000 K (wheel slot 28) 48–48 5100 K (wheel slot 29) 49–49 5200 K (wheel slot 30) 50–50 5300 K (wheel slot 31) 51–51 5400 K (wheel slot 32) 52–52 5500 K (wheel slot 33) 53–53 5600 K (wheel slot 34) 54–54 5700 K (wheel slot 35) 55–55 5800 K (wheel slot 36) 56–56 5900 K (wheel slot 37) 57–57 6000 K (wheel slot 38) 58–58 6100 K (wheel slot 39) 59–59 6200 K (wheel slot 40) 60–60 6300 K (wheel slot 41) 61–61 6400 K (wheel slot 42) 62–62 6500 K (wheel slot 43) 63–63 6600 K (wheel slot 44) 64–255 6700 K (wheel slot 45)
10	Color Wheel 2	0	0–4 Open (wheel slot 8) 5–17 Open/Red (wheel slot 8) 18–30 Red (wheel slot 1) 31–43 Red/Medium Blue (wheel slot 1) 44–56 Medium Blue (wheel slot 2) 57–69 Medium Blue / Green (wheel slot 2) 70–82 Green (wheel slot 3) 83–95 Green / Amber (wheel slot 3) 96–108 Amber (wheel slot 4) 109–121 Amber / Orange (wheel slot 4) 122–134 Orange (wheel slot 5) 135–147 Orange / High CRI Filter (wheel slot 5) 148–160 High CRI Filter (wheel slot 6) 161–173 High CRI Filter / CTB (wheel slot 6) 174–186 CTB (wheel slot 7) 187–199 CTB / Open (wheel slot 7) 200–226 Clockwise Color Wheel Rotation fast to slow 227–228 No Rotation 229–255 Counter-Clockwise Color Wheel Rotation slow to fa…

29 CH (continued)

Ch	Function	Default	DMX values
11	Color Macro1	0	0–31 Off 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–183 Color Macro 19 184–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–215 Color Macro 23 216–223 Color Macro 24 224–231 Color Macro 25 232–239 Color Macro 26 240–247 Color Macro 27 248–255 Random CMY
12	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–94 Gobo Shake 1 (wheel slot 2) 95–109 Gobo Shake 2 (wheel slot 3) 110–124 Gobo Shake 3 (wheel slot 4) 125–139 Gobo Shake 4 (wheel slot 5) 140–154 Gobo Shake 5 (wheel slot 6) 155–169 Gobo Shake 6 (wheel slot 7) 170–189 Gobo Shake 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation fast to slow 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation slow to f...
13	Gobo Rotation	0	0–5 Gobo 1 Rotation Off 6–128 0 to 540 129–191 Clockwise Gobo Rotation fast to slow 192–192 No Rotation 193–255 Counter Clockwise Gobo Rotation slow to fast

29 CH (continued)

Ch	Function	Default	DMX values
14	Gobo 2	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Gobo Shake 1 (wheel slot 2) 92–105 Gobo Shake 2 (wheel slot 3) 106–119 Gobo Shake 3 (wheel slot 4) 120–133 Gobo Shake 4 (wheel slot 5) 134–147 Gobo Shake 5 (wheel slot 6) 148–161 Gobo Shake 6 (wheel slot 7) 162–175 Gobo Shake 7 (wheel slot 8) 176–189 Gobo Shake 8 (wheel slot 9) 190–221 Clockwise Gobo Wheel Rotation Fast to Slow 222–223 No rotation 224–255 Counter-Clockwise Gobo Wheel Rotation slow to f…
15	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
16	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
17	Dimmer Fine	0	Fine byte of Dimmer
18	Prism	0	0–5 No Prism(Open) 6–66 Prism 1 (6 Linear Prism) (wheel slot 1) 67–127 Prism 2 (4 Facet Prism) (wheel slot 2) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
19	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Clockwise Prism Rotation fast to slow 192–192 No Rotation 193–255 Counter-Clockwise Prism Rotation slow to fast

29 CH (continued)

Ch	Function	Default	DMX values
20	Focus	0	
21	Zoom	0	
22	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
23	Frost2	0	0–126 0 % 127–254 50 % 255–255 100 %
24	Animation Wheel1	0	0–5 Off 6–128 0 to 540 129–191 Clockwise Animation Rotation fast to slow 192–192 No Rotation 193–255 Counter-Clockwise Animation Rotation slow to fast
25	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
26	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
27	Color Macro1Rate	0	
28	Position MSpeed	0	0–224 Fastest 225–225 Slowest 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
29	Function	0	

36 CH

36 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	Cyan	0	0–126 0 % 127–254 50 % 255–255 100 %
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	0–126 0 % 127–254 50 % 255–255 100 %
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	0–126 0 % 127–254 50 % 255–255 100 %
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	0–126 0 % 127–254 50 % 255–255 100 %
12	C TO Fine	0	Fine byte of C TO

36 CH (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–23 Open (wheel slot 1) 24–24 2700 K (wheel slot 5) 25–25 2800 K (wheel slot 6) 26–26 2900 K (wheel slot 7) 27–27 3000 K (wheel slot 8) 28–28 3100 K (wheel slot 9) 29–29 3200 K (wheel slot 10) 30–30 3300 K (wheel slot 11) 31–31 3400 K (wheel slot 12) 32–32 3500 K (wheel slot 13) 33–33 3600 K (wheel slot 14) 34–34 3700 K (wheel slot 15) 35–35 3800 K (wheel slot 16) 36–36 3900 K (wheel slot 17) 37–37 4000 K (wheel slot 18) 38–38 4100 K (wheel slot 19) 39–39 4200 K (wheel slot 20) 40–40 4300 K (wheel slot 21) 41–41 4400 K (wheel slot 22) 42–42 4500 K (wheel slot 23) 43–43 4600 K (wheel slot 24) 44–44 4700 K (wheel slot 25) 45–45 4800 K (wheel slot 26) 46–46 4900 K (wheel slot 27) 47–47 5000 K (wheel slot 28) 48–48 5100 K (wheel slot 29) 49–49 5200 K (wheel slot 30) 50–50 5300 K (wheel slot 31) 51–51 5400 K (wheel slot 32) 52–52 5500 K (wheel slot 33) 53–53 5600 K (wheel slot 34) 54–54 5700 K (wheel slot 35) 55–55 5800 K (wheel slot 36) 56–56 5900 K (wheel slot 37) 57–57 6000 K (wheel slot 38) 58–58 6100 K (wheel slot 39) 59–59 6200 K (wheel slot 40) 60–60 6300 K (wheel slot 41) 61–61 6400 K (wheel slot 42) 62–62 6500 K (wheel slot 43) 63–63 6600 K (wheel slot 44) 64–255 6700 K (wheel slot 45)
14	Color Wheel 2	0	0–4 Open (wheel slot 8) 5–17 Open/Red (wheel slot 8) 18–30 Red (wheel slot 1) 31–43 Red/Medium Blue (wheel slot 1) 44–56 Medium Blue (wheel slot 2) 57–69 Medium Blue / Green (wheel slot 2) 70–82 Green (wheel slot 3) 83–95 Green / Amber (wheel slot 3) 96–108 Amber (wheel slot 4) 109–121 Amber / Orange (wheel slot 4) 122–134 Orange (wheel slot 5) 135–147 Orange / High CRI Filter (wheel slot 5) 148–160 High CRI Filter (wheel slot 6) 161–173 High CRI Filter / CTB (wheel slot 6) 174–186 CTB (wheel slot 7) 187–199 CTB / Open (wheel slot 7) 200–226 Clockwise Color Wheel Rotation fast to slow 227–228 No Rotation 229–255 Counter-Clockwise Color Wheel Rotation slow to fa…

36 CH (continued)

Ch	Function	Default	DMX values
15	Color Macro1	0	0–31 Off 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–183 Color Macro 19 184–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–215 Color Macro 23 216–223 Color Macro 24 224–231 Color Macro 25 232–239 Color Macro 26 240–247 Color Macro 27 248–255 Random CMY
16	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–94 Gobo Shake 1 (wheel slot 2) 95–109 Gobo Shake 2 (wheel slot 3) 110–124 Gobo Shake 3 (wheel slot 4) 125–139 Gobo Shake 4 (wheel slot 5) 140–154 Gobo Shake 5 (wheel slot 6) 155–169 Gobo Shake 6 (wheel slot 7) 170–189 Gobo Shake 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation fast to slow 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation slow to f...
17	Gobo Rotation	0	0–5 Gobo 1 Rotation Off 6–128 0 to 540 129–191 Clockwise Gobo Rotation fast to slow 192–192 No Rotation 193–255 Counter Clockwise Gobo Rotation slow to fast
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

36 CH (continued)

Ch	Function	Default	DMX values
19	Gobo 2	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–91 Gobo Shake 1 (wheel slot 2) 92–105 Gobo Shake 2 (wheel slot 3) 106–119 Gobo Shake 3 (wheel slot 4) 120–133 Gobo Shake 4 (wheel slot 5) 134–147 Gobo Shake 5 (wheel slot 6) 148–161 Gobo Shake 6 (wheel slot 7) 162–175 Gobo Shake 7 (wheel slot 8) 176–189 Gobo Shake 8 (wheel slot 9) 190–221 Clockwise Gobo Wheel Rotation Fast to Slow 222–223 No rotation 224–255 Counter-Clockwise Gobo Wheel Rotation slow to f...
20	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
21	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
22	Dimmer Fine	0	Fine byte of Dimmer
23	Prism	0	0–5 No Prism(Open) 6–66 Prism 1 (6 Linear Prism) (wheel slot 1) 67–127 Prism 2 (4 Facet Prism) (wheel slot 2) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
24	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Clockwise Prism Rotation fast to slow 192–192 No Rotation 193–255 Counter-Clockwise Prism Rotation slow to fast

36 CH (continued)

Ch	Function	Default	DMX values
25	Focus	0	
26	Focus Fine	0	Fine byte of Focus
27	Zoom	0	
28	Zoom Fine	0	Fine byte of Zoom
29	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
30	Frost2	0	0–126 0 % 127–254 50 % 255–255 100 %
31	Animation Wheel1	0	0–5 Off 6–128 0 to 540 129–191 Clockwise Animation Rotation fast to slow 192–192 No Rotation 193–255 Counter-Clockwise Animation Rotation slow to fast
32	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
33	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
34	Color Macro1Rate	0	
35	Position MSpeed	0	0–224 Fastest 225–225 Slowest 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
36	Function	0	