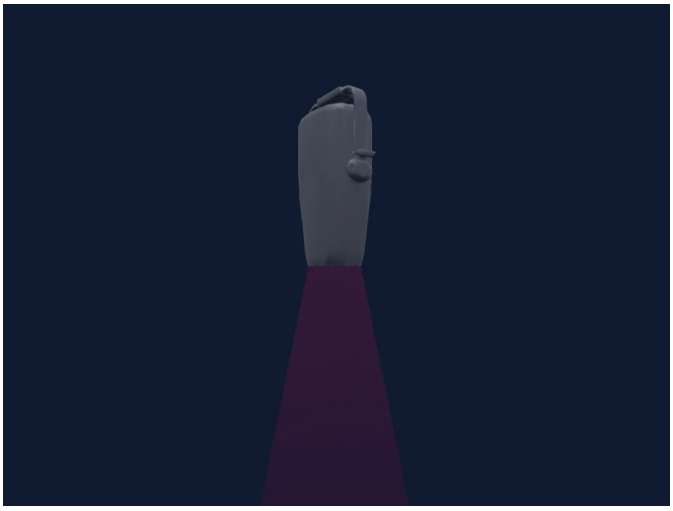
Elation

KL Spot IP



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**12**
DMX footprint	**22, 24, 28, 32, 34, 46, 50 channels**
Beam angle	**6-48°**
Size (W × H × D)	**340 × 610 × 250 mm**
GDTF fixture type	**3A06F405-AC44-40E2-A5D4-A8…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

CMY	22 ch
RGB	22 ch
Standard	24 ch
CMY Extended	28 ch
RGB Extended	28 ch
CMY (Framing Module)	32 ch
Extended	32 ch
RGB (Framing Module)	32 ch
Standard (Framing Module)	34 ch
CMY Extended (Framing Module)	46 ch
RGB Extended (Framing Module)	46 ch
Extended (Framing Module)	50 ch

CMY

22 channels

Ch	Function	Default	DMX values
1	Cyan	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
2	Magenta	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
3	Yellow	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%

CMY (continued)

Ch	Function	Default	DMX values
4	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

CMY (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

CMY (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
7	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
8	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
9	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
10	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
11	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
12	Focus	0	
13	Focus Fine	0	Fine byte of Focus
14	Zoom	0	
15	Zoom Fine	0	Fine byte of Zoom
16	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)

CMY (continued)

Ch	Function	Default	DMX values
17	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
18	Dimmer Fine	0	Fine byte of Dimmer
19	Frost1	0	
20	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
21	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
22	Control1	0	

RGB

22 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

RGB (continued)

Ch	Function	Default	DMX values
4	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

RGB (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

RGB (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
7	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
8	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
9	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
10	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
11	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
12	Focus	0	
13	Focus Fine	0	Fine byte of Focus
14	Zoom	0	
15	Zoom Fine	0	Fine byte of Zoom
16	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)

RGB (continued)

Ch	Function	Default	DMX values
17	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
18	Dimmer Fine	0	Fine byte of Dimmer
19	Frost1	0	
20	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
21	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
22	Control1	0	

Standard

24 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Color Add GC	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

Standard (continued)

Ch	Function	Default	DMX values
6	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

Standard (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

Standard (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
9	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
10	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
11	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
12	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
13	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
14	Focus	0	
15	Focus Fine	0	Fine byte of Focus
16	Zoom	0	
17	Zoom Fine	0	Fine byte of Zoom
18	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)

Standard (continued)

Ch	Function	Default	DMX values
19	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
20	Dimmer Fine	0	Fine byte of Dimmer
21	Frost1	0	
22	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
23	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
24	Control1	0	

CMY Extended

28 channels

Ch	Function	Default	DMX values
1	Cyan	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
2	Cyan Fine	0	Fine byte of Cyan
3	Magenta	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
4	Magenta Fine	0	Fine byte of Magenta
5	Yellow	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
6	Yellow Fine	0	Fine byte of Yellow

CMY Extended (continued)

Ch	Function	Default	DMX values
7	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

CMY Extended (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

CMY Extended (continued)

Ch	Function	Default	DMX values
9	Tint	0	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
10	C TC	0	0–0 CTC 1–254 Blend CCT Color Mix 255–255 Color Mix
11	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
12	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
15	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
16	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
17	Focus	0	
18	Focus Fine	0	Fine byte of Focus
19	Zoom	0	
20	Zoom Fine	0	Fine byte of Zoom

CMY Extended (continued)

Ch	Function	Default	DMX values
21	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
22	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
23	Dimmer Fine	0	Fine byte of Dimmer
24	Dimmer Mode	0	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s Delay 122–122 0/1s Delay 123–123 0/2s Delay 124–124 0/3s Delay 125–125 0/4s Delay 126–126 0/5s Delay 127–127 0/6s Delay 128–128 0/7s Delay 129–129 0/8s Delay 130–130 0/9s Delay 131–131 1s Delay 132–132 1/5s Delay 133–133 2s Delay 134–134 3s Delay 135–135 4s Delay 136–136 5s Delay 137–137 6s Delay 138–138 7s Delay 139–139 8s Delay 140–140 9s Delay 141–255 10s Delay
25	Frost1	0	
26	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
27	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
28	Control1	0	

RGB Extended

28 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue Fine	255	Fine byte of Blue

RGB Extended (continued)

Ch	Function	Default	DMX values
7	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

RGB Extended (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

RGB Extended (continued)

Ch	Function	Default	DMX values
9	Tint	0	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
10	C TC	0	0–0 CTC 1–254 Blend CCT Color Mix 255–255 Color Mix
11	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
12	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
15	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
16	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
17	Focus	0	
18	Focus Fine	0	Fine byte of Focus
19	Zoom	0	
20	Zoom Fine	0	Fine byte of Zoom

RGB Extended (continued)

Ch	Function	Default	DMX values
21	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
22	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
23	Dimmer Fine	0	Fine byte of Dimmer
24	Dimmer Mode	0	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s Delay 122–122 0/1s Delay 123–123 0/2s Delay 124–124 0/3s Delay 125–125 0/4s Delay 126–126 0/5s Delay 127–127 0/6s Delay 128–128 0/7s Delay 129–129 0/8s Delay 130–130 0/9s Delay 131–131 1s Delay 132–132 1/5s Delay 133–133 2s Delay 134–134 3s Delay 135–135 4s Delay 136–136 5s Delay 137–137 6s Delay 138–138 7s Delay 139–139 8s Delay 140–140 9s Delay 141–255 10s Delay
25	Frost1	0	
26	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
27	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
28	Control1	0	

CMY (Framing Module)

32 channels

Ch	Function	Default	DMX values
1	Cyan	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
2	Magenta	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
3	Yellow	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%

CMY (Framing Module) (continued)

Ch	Function	Default	DMX values
4	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

CMY (Framing Module) (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

CMY (Framing Module) (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
7	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
8	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
9	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
10	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
11	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
12	Focus	0	
13	Focus Fine	0	Fine byte of Focus
14	Zoom	0	
15	Zoom Fine	0	Fine byte of Zoom
16	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)

CMY (Framing Module) (continued)

Ch	Function	Default	DMX values
17	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
18	Dimmer Fine	0	Fine byte of Dimmer
19	Iris	0	0–191 Open to Close 192–223 Opening Pulse Fast to Slow 224–255 Closing Pulse Slow to Fast
20	Frost1	0	
21	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
22	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
23	Blade1A	0	
24	Blade1B	0	
25	Blade2A	0	
26	Blade2B	0	
27	Blade3A	0	
28	Blade3B	0	
29	Blade4A	0	
30	Blade4B	0	
31	Shaper Rot	127	0–126 Min (-60) 127–254 Parallel (0) 255–255 Max (+60)
32	Control1	0	

Extended

32 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Green Fine	255	Fine byte of Green

Extended (continued)

Ch	Function	Default	DMX values
5	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue Fine	255	Fine byte of Blue
7	Color Add GC	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
8	Color Add GC Fine	255	Fine byte of Color Add GC
9	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
10	Color Add RY Fine	255	Fine byte of Color Add RY

Extended (continued)

Ch	Function	Default	DMX values
11	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

Extended (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

Extended (continued)

Ch	Function	Default	DMX values
13	Tint	0	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
14	C TC	0	0–0 CTC 1–254 Blend CCT Color Mix 255–255 Color Mix
15	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
16	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
18	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
19	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
20	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
21	Focus	0	
22	Focus Fine	0	Fine byte of Focus
23	Zoom	0	
24	Zoom Fine	0	Fine byte of Zoom

Extended (continued)

Ch	Function	Default	DMX values
25	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
26	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
27	Dimmer Fine	0	Fine byte of Dimmer
28	Dimmer Mode	0	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s Delay 122–122 0/1s Delay 123–123 0/2s Delay 124–124 0/3s Delay 125–125 0/4s Delay 126–126 0/5s Delay 127–127 0/6s Delay 128–128 0/7s Delay 129–129 0/8s Delay 130–130 0/9s Delay 131–131 1s Delay 132–132 1/5s Delay 133–133 2s Delay 134–134 3s Delay 135–135 4s Delay 136–136 5s Delay 137–137 6s Delay 138–138 7s Delay 139–139 8s Delay 140–140 9s Delay 141–255 10s Delay
29	Frost1	0	
30	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
31	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
32	Control1	0	

RGB (Framing Module)

32 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

RGB (Framing Module) (continued)

Ch	Function	Default	DMX values
4	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

RGB (Framing Module) (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

RGB (Framing Module) (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
7	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
8	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
9	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
10	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
11	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
12	Focus	0	
13	Focus Fine	0	Fine byte of Focus
14	Zoom	0	
15	Zoom Fine	0	Fine byte of Zoom
16	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)

RGB (Framing Module) (continued)

Ch	Function	Default	DMX values
17	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
18	Dimmer Fine	0	Fine byte of Dimmer
19	Iris	0	0–191 Open to Close 192–223 Opening Pulse Fast to Slow 224–255 Closing Pulse Slow to Fast
20	Frost1	0	
21	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
22	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
23	Blade1A	0	
24	Blade1B	0	
25	Blade2A	0	
26	Blade2B	0	
27	Blade3A	0	
28	Blade3B	0	
29	Blade4A	0	
30	Blade4B	0	
31	Shaper Rot	127	0–126 Min (-60) 127–254 Parallel (0) 255–255 Max (+60)
32	Control1	0	

Standard (Framing Module)

34 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
3	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

Standard (Framing Module) (continued)

Ch	Function	Default	DMX values
4	Color Add GC	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
5	Color Add RY	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

Standard (Framing Module) (continued)

Ch	Function	Default	DMX values
6	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

Standard (Framing Module) (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

Standard (Framing Module) (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
9	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
10	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
11	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
12	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
13	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
14	Focus	0	
15	Focus Fine	0	Fine byte of Focus
16	Zoom	0	
17	Zoom Fine	0	Fine byte of Zoom
18	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)

Standard (Framing Module) (continued)

Ch	Function	Default	DMX values
19	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
20	Dimmer Fine	0	Fine byte of Dimmer
21	Iris	0	0–191 Open to Close 192–223 Opening Pulse Fast to Slow 224–255 Closing Pulse Slow to Fast
22	Frost1	0	
23	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
24	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
25	Blade1A	0	
26	Blade1B	0	
27	Blade2A	0	
28	Blade2B	0	
29	Blade3A	0	
30	Blade3B	0	
31	Blade4A	0	
32	Blade4B	0	
33	Shaper Rot	127	0–126 Min (-60) 127–254 Parallel (0) 255–255 Max (+60)
34	Control1	0	

CMY Extended (Framing Module)

46 channels

Ch	Function	Default	DMX values
1	Cyan	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
2	Cyan Fine	0	Fine byte of Cyan
3	Magenta	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
4	Magenta Fine	0	Fine byte of Magenta

CMY Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
5	Yellow	0	0–62 0% 63–126 25% 127–190 50% 191–254 75% 255–255 100%
6	Yellow Fine	0	Fine byte of Yellow

CMY Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
7	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

CMY Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

CMY Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
9	Tint	0	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
10	C TC	0	0–0 CTC 1–254 Blend CCT Color Mix 255–255 Color Mix
11	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
12	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
15	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
16	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
17	Focus	0	
18	Focus Fine	0	Fine byte of Focus
19	Zoom	0	
20	Zoom Fine	0	Fine byte of Zoom

CMY Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
21	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
22	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
23	Dimmer Fine	0	Fine byte of Dimmer
24	Dimmer Mode	0	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s Delay 122–122 0/1s Delay 123–123 0/2s Delay 124–124 0/3s Delay 125–125 0/4s Delay 126–126 0/5s Delay 127–127 0/6s Delay 128–128 0/7s Delay 129–129 0/8s Delay 130–130 0/9s Delay 131–131 1s Delay 132–132 1/5s Delay 133–133 2s Delay 134–134 3s Delay 135–135 4s Delay 136–136 5s Delay 137–137 6s Delay 138–138 7s Delay 139–139 8s Delay 140–140 9s Delay 141–255 10s Delay
25	Iris	0	0–191 Open to Close 192–223 Opening Pulse Fast to Slow 224–255 Closing Pulse Slow to Fast
26	Frost1	0	
27	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
28	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
29	Blade1A	0	

CMY Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
30	Blade1A Fine	0	Fine byte of Blade1A
31	Blade1B	0	
32	Blade1B Fine	0	Fine byte of Blade1B
33	Blade2A	0	
34	Blade2A Fine	0	Fine byte of Blade2A
35	Blade2B	0	
36	Blade2B Fine	0	Fine byte of Blade2B
37	Blade3A	0	
38	Blade3A Fine	0	Fine byte of Blade3A
39	Blade3B	0	
40	Blade3B Fine	0	Fine byte of Blade3B
41	Blade4A	0	
42	Blade4A Fine	0	Fine byte of Blade4A
43	Blade4B	0	
44	Blade4B Fine	0	Fine byte of Blade4B
45	Shaper Rot	127	0–126 Min (-60) 127–254 Parallel (0) 255–255 Max (+60)
46	Control1	0	

RGB Extended (Framing Module)

46 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue Fine	255	Fine byte of Blue

RGB Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
7	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

RGB Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

RGB Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
9	Tint	0	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
10	C TC	0	0–0 CTC 1–254 Blend CCT Color Mix 255–255 Color Mix
11	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
12	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
15	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
16	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
17	Focus	0	
18	Focus Fine	0	Fine byte of Focus
19	Zoom	0	
20	Zoom Fine	0	Fine byte of Zoom

RGB Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
21	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
22	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
23	Dimmer Fine	0	Fine byte of Dimmer
24	Dimmer Mode	0	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s Delay 122–122 0/1s Delay 123–123 0/2s Delay 124–124 0/3s Delay 125–125 0/4s Delay 126–126 0/5s Delay 127–127 0/6s Delay 128–128 0/7s Delay 129–129 0/8s Delay 130–130 0/9s Delay 131–131 1s Delay 132–132 1/5s Delay 133–133 2s Delay 134–134 3s Delay 135–135 4s Delay 136–136 5s Delay 137–137 6s Delay 138–138 7s Delay 139–139 8s Delay 140–140 9s Delay 141–255 10s Delay
25	Iris	0	0–191 Open to Close 192–223 Opening Pulse Fast to Slow 224–255 Closing Pulse Slow to Fast
26	Frost1	0	
27	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
28	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
29	Blade1A	0	

RGB Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
30	Blade1A Fine	0	Fine byte of Blade1A
31	Blade1B	0	
32	Blade1B Fine	0	Fine byte of Blade1B
33	Blade2A	0	
34	Blade2A Fine	0	Fine byte of Blade2A
35	Blade2B	0	
36	Blade2B Fine	0	Fine byte of Blade2B
37	Blade3A	0	
38	Blade3A Fine	0	Fine byte of Blade3A
39	Blade3B	0	
40	Blade3B Fine	0	Fine byte of Blade3B
41	Blade4A	0	
42	Blade4A Fine	0	Fine byte of Blade4A
43	Blade4B	0	
44	Blade4B Fine	0	Fine byte of Blade4B
45	Shaper Rot	127	0–126 Min (-60) 127–254 Parallel (0) 255–255 Max (+60)
46	Control1	0	

Extended (Framing Module)

50 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue Fine	255	Fine byte of Blue
7	Color Add GC	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
8	Color Add GC Fine	0	Fine byte of Color Add GC
9	Color Add RY	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
10	Color Add RY Fine	0	Fine byte of Color Add RY

Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
11	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–24 2400 K (wheel slot 2) 25–25 2500 K (wheel slot 3) 26–26 2600 K (wheel slot 4) 27–27 2700 K (wheel slot 5) 28–28 2800 K (wheel slot 6) 29–29 2900 K (wheel slot 7) 30–30 3000 K (wheel slot 8) 31–31 3100 K (wheel slot 9) 32–32 3200 K (wheel slot 10) 33–33 3300 K (wheel slot 11) 34–34 3400 K (wheel slot 12) 35–35 3500 K (wheel slot 13) 36–36 3600 K (wheel slot 14) 37–37 3700 K (wheel slot 15) 38–38 3800 K (wheel slot 16) 39–39 3900 K (wheel slot 17) 40–40 4000 K (wheel slot 18) 41–41 4100 K (wheel slot 19) 42–42 4200 K (wheel slot 20) 43–43 4300 K (wheel slot 21) 44–44 4400 K (wheel slot 22) 45–45 4500 K (wheel slot 23) 46–46 4600 K (wheel slot 24) 47–47 4700 K (wheel slot 25) 48–48 4800 K (wheel slot 26) 49–49 4900 K (wheel slot 27) 50–50 5000 K (wheel slot 28) 51–51 5100 K (wheel slot 29) 52–52 5200 K (wheel slot 30) 53–53 5300 K (wheel slot 31) 54–54 5400 K (wheel slot 32) 55–55 5500 K (wheel slot 33) 56–56 5600 K (wheel slot 34) 57–57 5700 K (wheel slot 35) 58–58 5800 K (wheel slot 36) 59–59 5900 K (wheel slot 37) 60–60 6000 K (wheel slot 38) 61–61 6100 K (wheel slot 39) 62–62 6200 K (wheel slot 40) 63–63 6300 K (wheel slot 41) 64–64 6400 K (wheel slot 42) 65–65 6500 K (wheel slot 43) 66–66 6600 K (wheel slot 44) 67–67 6700 K (wheel slot 45) 68–68 6800 K (wheel slot 46) 69–69 6900 K (wheel slot 47) 70–70 7000 K (wheel slot 48) 71–71 7100 K (wheel slot 49) 72–72 7200 K (wheel slot 50) 73–73 7300 K (wheel slot 51) 74–74 7400 K (wheel slot 52) 75–75 7500 K (wheel slot 53) 76–76 7600 K (wheel slot 54) 77–77 7700 K (wheel slot 55) 78–78 7800 K (wheel slot 56) 79–79 7900 K (wheel slot 57) 80–80 8000 K (wheel slot 58) 81–81 8100 K (wheel slot 59) 82–82 8200 K (wheel slot 60) 83–83 8300 K (wheel slot 61) 84–84 8400 K (wheel slot 62) 85–255 8500 K (wheel slot 63)

Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 Clockwise fast to slow 202–207 Stop

Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
13	Tint	0	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
14	C TC	0	0–0 CTC 1–254 Blend CCT Color Mix 255–255 Color Mix
15	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–89 Gobo 1 Shake SLOW to FAST (wheel slot 2) 90–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–129 Gobo 3 Shake SLOW to FAST (wheel slot 4) 130–149 Gobo 4 Shake SLOW to FAST (wheel slot 5) 150–169 Gobo 5 Shake SLOW to FAST (wheel slot 6) 170–189 Gobo 6 Shake SLOW to FAST (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 NO Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
16	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Clockwise Gobo Rotation from FAST TO SLOW 190–193 NO Rotation 194–255 Counter-Clockwise Gobo Rotation from SLOW to F…
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
18	Gobo 2	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 Clockwise Gobo Wheel Rotation from FAST to SLOW 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation from SLO…
19	Prism	0	0–5 Open (wheel slot 1) 6–31 Prism 1 (wheel slot 2) 32–127 Prism 2 (wheel slot 3) 128–255 Idle
20	Prism Rotation	0	0–127 Prism Indexing (wheel slot 1) 128–189 Clockwise Prism Rotation from FAST to SLOW (whe… 190–193 NO Rotation 194–255 Counter-Clockwise Prism Rotation from SLOW to F…
21	Focus	0	
22	Focus Fine	0	Fine byte of Focus
23	Zoom	0	
24	Zoom Fine	0	Fine byte of Zoom

Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
25	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter Open)
26	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
27	Dimmer Fine	0	Fine byte of Dimmer
28	Dimmer Mode	0	0–20 Standart 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s Delay 122–122 0/1s Delay 123–123 0/2s Delay 124–124 0/3s Delay 125–125 0/4s Delay 126–126 0/5s Delay 127–127 0/6s Delay 128–128 0/7s Delay 129–129 0/8s Delay 130–130 0/9s Delay 131–131 1s Delay 132–132 1/5s Delay 133–133 2s Delay 134–134 3s Delay 135–135 4s Delay 136–136 5s Delay 137–137 6s Delay 138–138 7s Delay 139–139 8s Delay 140–140 9s Delay 141–255 10s Delay
29	Iris	0	0–191 Open to Close 192–223 Opening Pulse Fast to Slow 224–255 Closing Pulse Slow to Fast
30	Frost1	0	
31	Animation Wheel1	0	0–7 OPEN 8–255 Animation Min to Max
32	Animation Wheel1Pos	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
33	Blade1A	0	

Extended (Framing Module) (continued)

Ch	Function	Default	DMX values
34	Blade1A Fine	0	Fine byte of Blade1A
35	Blade1B	0	
36	Blade1B Fine	0	Fine byte of Blade1B
37	Blade2A	0	
38	Blade2A Fine	0	Fine byte of Blade2A
39	Blade2B	0	
40	Blade2B Fine	0	Fine byte of Blade2B
41	Blade3A	0	
42	Blade3A Fine	0	Fine byte of Blade3A
43	Blade3B	0	
44	Blade3B Fine	0	Fine byte of Blade3B
45	Blade4A	0	
46	Blade4A Fine	0	Fine byte of Blade4A
47	Blade4B	0	
48	Blade4B Fine	0	Fine byte of Blade4B
49	Shaper Rot	127	0–126 Min (-60) 127–254 Parallel (0) 255–255 Max (+60)
50	Control1	0	