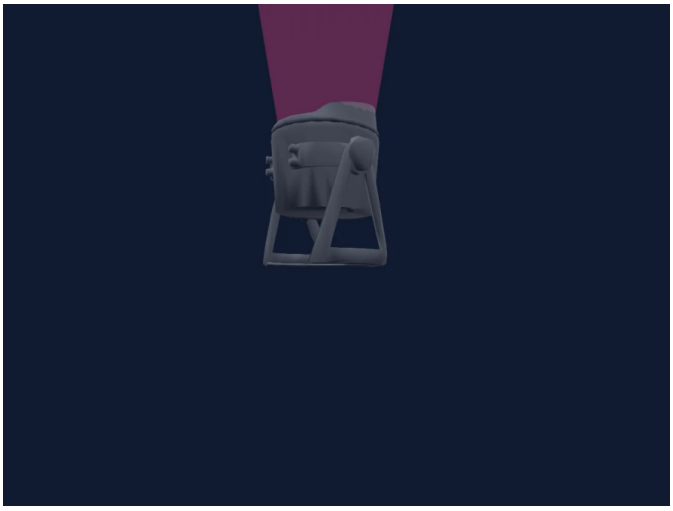
Elation

VOLT plus PAR S



Manufacturer	**Elation**
Type	**PAR**
DMX modes	**8**
DMX footprint	**1, 3, 6, 9, 11, 14, 20 channels**
Beam angle	**20°**
Size (W × H × D)	**203 × 203 × 203 mm**
GDTF fixture type	**3A6A655A-90B1-4B25-91C0-41…**

Controls

CMY colour mixing · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Strobe

DMX modes

Dimmer 1CH	1 ch
RGB 3CH	3 ch
Color 6CH	6 ch
Color and Dimmer 9CH	9 ch
CMY 11CH	11 ch
CMY Extended 14CH	14 ch
Standard 14CH	14 ch
Extended 20CH	20 ch

Dimmer 1CH

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%

RGB 3CH

3 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%

Color 6CH

6 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 GY	0	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

Color 6CH (continued)

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

Color and Dimmer 9CH

9 channels

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

CMY 11CH

11 channels

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

CMY 11CH (continued)

Ch	Function	Default	DMX values
7	Color Wheel	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 11CH (continued)

Ch	Function	Default	DMX values
8	C TC	0	0–0 CTC 1–254 Idle 255–255 Color Mix

CMY 11CH (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	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 11CH (continued)

Ch	Function	Default	DMX values
10	Dimmer Mode	0	0–20 Standard 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 141–141 10s Delay 142–255 Idle
11	Function	0	

CMY Extended 14CH

14 channels

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

CMY Extended 14CH (continued)

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

CMY Extended 14CH (continued)

Ch	Function	Default	DMX values
10	Color Wheel	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 14CH (continued)

Ch	Function	Default	DMX values
11	C TC	0	0–0 CTC 1–254 Idle 255–255 Color Mix

CMY Extended 14CH (continued)

Ch	Function	Default	DMX values
12	Color Wheel 2	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 14CH (continued)

Ch	Function	Default	DMX values
13	Dimmer Mode	0	0–20 Standard 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 141–141 10s Delay 142–255 Idle
14	Function	0	

Standard 14CH

14 channels

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

Standard 14CH (continued)

Ch	Function	Default	DMX values
5	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
6	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
7	Color Add GY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
8	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
9	UV	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%

Standard 14CH (continued)

Ch	Function	Default	DMX values
10	Color Wheel	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 14CH (continued)

Ch	Function	Default	DMX values
11	C TC	0	0–0 CTC 1–254 Idle 255–255 Color Mix

Standard 14CH (continued)

Ch	Function	Default	DMX values
12	Color Wheel 2	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 14CH (continued)

Ch	Function	Default	DMX values
13	Dimmer Mode	0	0–20 Standard 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 141–141 10s Delay 142–255 Idle
14	Function	0	

Extended 20CH

20 channels

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

Extended 20CH (continued)

Ch	Function	Default	DMX values
5	Red Fine	255	Fine byte of Red
6	Green	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
7	Green Fine	255	Fine byte of Green
8	Blue	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
9	Blue Fine	255	Fine byte of Blue
10	Color Add GY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
11	Color Add GY Fine	255	Fine byte of Color Add GY
12	Color Add RY	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
13	Color Add RY Fine	255	Fine byte of Color Add RY
14	UV	255	0–63 0% 64–127 25% 128–190 50% 191–254 75% 255–255 100%
15	UV Fine	255	Fine byte of UV

Extended 20CH (continued)

Ch	Function	Default	DMX values
16	Color Wheel	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 20CH (continued)

Ch	Function	Default	DMX values
17	C TC	0	0–0 CTC 1–254 Idle 255–255 Color Mix

Extended 20CH (continued)

Ch	Function	Default	DMX values
18	Color Wheel 2	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 20CH (continued)

Ch	Function	Default	DMX values
19	Dimmer Mode	0	0–20 Standard 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 141–141 10s Delay 142–255 Idle
20	Function	0	