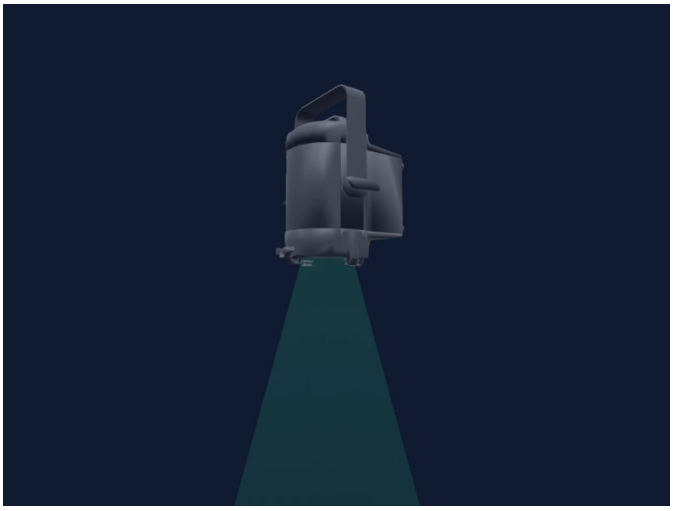
Elation

KL Fresnel 6 CW



Manufacturer	**Elation**
Type	**Spot**
DMX modes	**6**
DMX footprint	**1, 6, 9, 11, 14, 18 channels**
Beam angle	**32.2°**
Size (W × H × D)	**210 × 340 × 300 mm**
GDTF fixture type	**40502166-5872-4DE2-9BA5-56…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

1ch Dim	1 ch
6ch Dim Color	6 ch
9ch CMY	9 ch
11ch St	11 ch
14ch CMY Ext	14 ch
18ch Ext	18 ch

1ch Dim

1 channel

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% 204–228 80% 229–254 90% 255–255 100%

6ch Dim Color

6 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 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open

6ch Dim Color (continued)

Ch	Function	Default	DMX values
4	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)

6ch Dim Color (continued)

Ch	Function	Default	DMX values
5	Color Wheel 2	0	0–0 Open (wheel slot 1) 1–1 pale yellow (7) (wheel slot 2) 2–2 straw (103) (wheel slot 3) 3–3 gold tint (151) (wheel slot 4) 4–4 spring yellow (100) (wheel slot 5) 5–5 medium yellow (10) (wheel slot 6) 6–6 yellow (101) (wheel slot 7) 7–7 deep amber (104) (wheel slot 8) 8–8 deep straw (15) (wheel slot 9) 9–9 loving amber (179) (wheel slot 10) 10–10 gold amber (21) (wheel slot 11) 11–11 orange (105) (wheel slot 12) 12–12 deep orange (158) (wheel slot 13) 13–13 dark amber (22) (wheel slot 14) 14–14 millennium gold (778) (wheel slot 15) 15–15 deep golden amber (135) (wheel slot 16) 16–16 scarlet (24) (wheel slot 17) 17–17 primary red (106) (wheel slot 18) 18–18 bright red (26) (wheel slot 19) 19–19 medium red (27) (wheel slot 20) 20–20 fire (19) (wheel slot 21) 21–21 pink (157) (wheel slot 22) 22–22 medium pink (36) (wheel slot 23) 23–23 dark pink (111) (wheel slot 24) 24–24 bright pink (128) (wheel slot 25) 25–25 bright rose (148) (wheel slot 26) 26–26 special rose pink (332) (wheel slot 27) 27–27 vanity fair (793) (wheel slot 28) 28–28 magenta (113) (wheel slot 29) 29–29 dark magenta (46) (wheel slot 30) 30–30 rose purple (48) (wheel slot 31) 31–31 mauve (126) (wheel slot 32) 32–32 medium purple (49) (wheel slot 33) 33–33 lavender (58) (wheel slot 34) 34–34 palace blue (199) (wheel slot 35) 35–35 dark blue (119) (wheel slot 36) 36–36 medium blue (132) (wheel slot 37) 37–37 deep blue (120) (wheel slot 38) 38–38 daylight blue (165) (wheel slot 39) 39–39 slate blue (161) (wheel slot 40) 40–40 light blue (118) (wheel slot 41) 41–41 sky blue (68) (wheel slot 42) 42–42 pale navy blue (143) (wheel slot 43) 43–43 marine blue (131) (wheel slot 44) 44–44 peacock blue (115) (wheel slot 45) 45–45 lagoon blue (172) (wheel slot 46) 46–46 medium blue green (116) (wheel slot 47) 47–47 dark yellow green (90) (wheel slot 48) 48–48 primary green (139) (wheel slot 49) 49–49 fern green 122) (wheel slot 50) 50–50 moss green (89) (wheel slot 51) 51–51 dark green (124) (wheel slot 52) 52–52 lime green (88) (wheel slot 53) 53–53 pale green (138) (wheel slot 54) 54–179 No Function (wheel slot 55) 180–191 Rotate fast >>> (wheel slot 56) 192–198 Rotate mid >> (wheel slot 57) 199–201 Rotate slow > (wheel slot 58) 202–207 Stop Rotation (wheel slot 59) 208–214 < Rotate slow (wheel slot 60) 215–226 << Rotate mid (wheel slot 61) 227–229 <<< Rotate fast (wheel slot 62) 230–234 Open (2) (wheel slot 63) 235–239 Random fast (wheel slot 64)

6ch Dim Color (continued)

Ch	Function	Default	DMX values
6	Function	0	

9ch CMY

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 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
4	Cyan	255	0–63 0% Cyan 64–127 25% Cyan 128–190 50% Cyan 191–254 75% Cyan 255–255 100% Cyan
5	Magenta	255	0–63 0% Magenta 64–127 25% Magenta 128–190 50% Magenta 191–254 75% Magenta 255–255 100% Magenta
6	Yellow	255	0–63 0% Yellow 64–127 25% Yellow 128–190 50% Yellow 191–254 75% Yellow 255–255 100% Yellow

9ch CMY (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)

9ch CMY (continued)

Ch	Function	Default	DMX values
8	Color Wheel 2	0	0–0 Open (wheel slot 1) 1–1 pale yellow (7) (wheel slot 2) 2–2 straw (103) (wheel slot 3) 3–3 gold tint (151) (wheel slot 4) 4–4 spring yellow (100) (wheel slot 5) 5–5 medium yellow (10) (wheel slot 6) 6–6 yellow (101) (wheel slot 7) 7–7 deep amber (104) (wheel slot 8) 8–8 deep straw (15) (wheel slot 9) 9–9 loving amber (179) (wheel slot 10) 10–10 gold amber (21) (wheel slot 11) 11–11 orange (105) (wheel slot 12) 12–12 deep orange (158) (wheel slot 13) 13–13 dark amber (22) (wheel slot 14) 14–14 millennium gold (778) (wheel slot 15) 15–15 deep golden amber (135) (wheel slot 16) 16–16 scarlet (24) (wheel slot 17) 17–17 primary red (106) (wheel slot 18) 18–18 bright red (26) (wheel slot 19) 19–19 medium red (27) (wheel slot 20) 20–20 fire (19) (wheel slot 21) 21–21 pink (157) (wheel slot 22) 22–22 medium pink (36) (wheel slot 23) 23–23 dark pink (111) (wheel slot 24) 24–24 bright pink (128) (wheel slot 25) 25–25 bright rose (148) (wheel slot 26) 26–26 special rose pink (332) (wheel slot 27) 27–27 vanity fair (793) (wheel slot 28) 28–28 magenta (113) (wheel slot 29) 29–29 dark magenta (46) (wheel slot 30) 30–30 rose purple (48) (wheel slot 31) 31–31 mauve (126) (wheel slot 32) 32–32 medium purple (49) (wheel slot 33) 33–33 lavender (58) (wheel slot 34) 34–34 palace blue (199) (wheel slot 35) 35–35 dark blue (119) (wheel slot 36) 36–36 medium blue (132) (wheel slot 37) 37–37 deep blue (120) (wheel slot 38) 38–38 daylight blue (165) (wheel slot 39) 39–39 slate blue (161) (wheel slot 40) 40–40 light blue (118) (wheel slot 41) 41–41 sky blue (68) (wheel slot 42) 42–42 pale navy blue (143) (wheel slot 43) 43–43 marine blue (131) (wheel slot 44) 44–44 peacock blue (115) (wheel slot 45) 45–45 lagoon blue (172) (wheel slot 46) 46–46 medium blue green (116) (wheel slot 47) 47–47 dark yellow green (90) (wheel slot 48) 48–48 primary green (139) (wheel slot 49) 49–49 fern green 122) (wheel slot 50) 50–50 moss green (89) (wheel slot 51) 51–51 dark green (124) (wheel slot 52) 52–52 lime green (88) (wheel slot 53) 53–53 pale green (138) (wheel slot 54) 54–179 No Function (wheel slot 55) 180–191 Rotate fast >>> (wheel slot 56) 192–198 Rotate mid >> (wheel slot 57) 199–201 Rotate slow > (wheel slot 58) 202–207 Stop Rotation (wheel slot 59) 208–214 < Rotate slow (wheel slot 60) 215–226 << Rotate mid (wheel slot 61) 227–229 <<< Rotate fast (wheel slot 62) 230–234 Open (2) (wheel slot 63) 235–239 Random fast (wheel slot 64)

9ch CMY (continued)

Ch	Function	Default	DMX values
9	Function	0	

11ch St

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 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
4	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
5	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
6	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue
7	Color Add GC	255	0–63 0% Mint 64–127 25% Mint 128–190 50% Mint 191–254 75% Mint 255–255 100% Mint
8	Color Add RY	255	0–63 0% Amber 64–127 25% Amber 128–190 50% Amber 191–254 75% Amber 255–255 100% Amber

11ch St (continued)

Ch	Function	Default	DMX values
9	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)

11ch St (continued)

Ch	Function	Default	DMX values
10	Color Wheel 2	0	0–0 Open (wheel slot 1) 1–1 pale yellow (7) (wheel slot 2) 2–2 straw (103) (wheel slot 3) 3–3 gold tint (151) (wheel slot 4) 4–4 spring yellow (100) (wheel slot 5) 5–5 medium yellow (10) (wheel slot 6) 6–6 yellow (101) (wheel slot 7) 7–7 deep amber (104) (wheel slot 8) 8–8 deep straw (15) (wheel slot 9) 9–9 loving amber (179) (wheel slot 10) 10–10 gold amber (21) (wheel slot 11) 11–11 orange (105) (wheel slot 12) 12–12 deep orange (158) (wheel slot 13) 13–13 dark amber (22) (wheel slot 14) 14–14 millennium gold (778) (wheel slot 15) 15–15 deep golden amber (135) (wheel slot 16) 16–16 scarlet (24) (wheel slot 17) 17–17 primary red (106) (wheel slot 18) 18–18 bright red (26) (wheel slot 19) 19–19 medium red (27) (wheel slot 20) 20–20 fire (19) (wheel slot 21) 21–21 pink (157) (wheel slot 22) 22–22 medium pink (36) (wheel slot 23) 23–23 dark pink (111) (wheel slot 24) 24–24 bright pink (128) (wheel slot 25) 25–25 bright rose (148) (wheel slot 26) 26–26 special rose pink (332) (wheel slot 27) 27–27 vanity fair (793) (wheel slot 28) 28–28 magenta (113) (wheel slot 29) 29–29 dark magenta (46) (wheel slot 30) 30–30 rose purple (48) (wheel slot 31) 31–31 mauve (126) (wheel slot 32) 32–32 medium purple (49) (wheel slot 33) 33–33 lavender (58) (wheel slot 34) 34–34 palace blue (199) (wheel slot 35) 35–35 dark blue (119) (wheel slot 36) 36–36 medium blue (132) (wheel slot 37) 37–37 deep blue (120) (wheel slot 38) 38–38 daylight blue (165) (wheel slot 39) 39–39 slate blue (161) (wheel slot 40) 40–40 light blue (118) (wheel slot 41) 41–41 sky blue (68) (wheel slot 42) 42–42 pale navy blue (143) (wheel slot 43) 43–43 marine blue (131) (wheel slot 44) 44–44 peacock blue (115) (wheel slot 45) 45–45 lagoon blue (172) (wheel slot 46) 46–46 medium blue green (116) (wheel slot 47) 47–47 dark yellow green (90) (wheel slot 48) 48–48 primary green (139) (wheel slot 49) 49–49 fern green 122) (wheel slot 50) 50–50 moss green (89) (wheel slot 51) 51–51 dark green (124) (wheel slot 52) 52–52 lime green (88) (wheel slot 53) 53–53 pale green (138) (wheel slot 54) 54–179 No Function (wheel slot 55) 180–191 Rotate fast >>> (wheel slot 56) 192–198 Rotate mid >> (wheel slot 57) 199–201 Rotate slow > (wheel slot 58) 202–207 Stop Rotation (wheel slot 59) 208–214 < Rotate slow (wheel slot 60) 215–226 << Rotate mid (wheel slot 61) 227–229 <<< Rotate fast (wheel slot 62) 230–234 Open (2) (wheel slot 63) 235–239 Random fast (wheel slot 64)

11ch St (continued)

Ch	Function	Default	DMX values
11	Function	0	

14ch CMY Ext

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 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
4	Cyan	255	0–63 0% Cyan 64–127 25% Cyan 128–190 50% Cyan 191–254 75% Cyan 255–255 100% Cyan
5	Cyan Fine	255	Fine byte of Cyan
6	Magenta	255	0–63 0% Magenta 64–127 25% Magenta 128–190 50% Magenta 191–254 75% Magenta 255–255 100% Magenta
7	Magenta Fine	255	Fine byte of Magenta
8	Yellow	255	0–63 0% Yellow 64–127 25% Yellow 128–190 50% Yellow 191–254 75% Yellow 255–255 100% Yellow
9	Yellow Fine	255	Fine byte of Yellow

14ch CMY Ext (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)

14ch CMY Ext (continued)

Ch	Function	Default	DMX values
11	Color Wheel 2	0	0–0 Open (wheel slot 1) 1–1 pale yellow (7) (wheel slot 2) 2–2 straw (103) (wheel slot 3) 3–3 gold tint (151) (wheel slot 4) 4–4 spring yellow (100) (wheel slot 5) 5–5 medium yellow (10) (wheel slot 6) 6–6 yellow (101) (wheel slot 7) 7–7 deep amber (104) (wheel slot 8) 8–8 deep straw (15) (wheel slot 9) 9–9 loving amber (179) (wheel slot 10) 10–10 gold amber (21) (wheel slot 11) 11–11 orange (105) (wheel slot 12) 12–12 deep orange (158) (wheel slot 13) 13–13 dark amber (22) (wheel slot 14) 14–14 millennium gold (778) (wheel slot 15) 15–15 deep golden amber (135) (wheel slot 16) 16–16 scarlet (24) (wheel slot 17) 17–17 primary red (106) (wheel slot 18) 18–18 bright red (26) (wheel slot 19) 19–19 medium red (27) (wheel slot 20) 20–20 fire (19) (wheel slot 21) 21–21 pink (157) (wheel slot 22) 22–22 medium pink (36) (wheel slot 23) 23–23 dark pink (111) (wheel slot 24) 24–24 bright pink (128) (wheel slot 25) 25–25 bright rose (148) (wheel slot 26) 26–26 special rose pink (332) (wheel slot 27) 27–27 vanity fair (793) (wheel slot 28) 28–28 magenta (113) (wheel slot 29) 29–29 dark magenta (46) (wheel slot 30) 30–30 rose purple (48) (wheel slot 31) 31–31 mauve (126) (wheel slot 32) 32–32 medium purple (49) (wheel slot 33) 33–33 lavender (58) (wheel slot 34) 34–34 palace blue (199) (wheel slot 35) 35–35 dark blue (119) (wheel slot 36) 36–36 medium blue (132) (wheel slot 37) 37–37 deep blue (120) (wheel slot 38) 38–38 daylight blue (165) (wheel slot 39) 39–39 slate blue (161) (wheel slot 40) 40–40 light blue (118) (wheel slot 41) 41–41 sky blue (68) (wheel slot 42) 42–42 pale navy blue (143) (wheel slot 43) 43–43 marine blue (131) (wheel slot 44) 44–44 peacock blue (115) (wheel slot 45) 45–45 lagoon blue (172) (wheel slot 46) 46–46 medium blue green (116) (wheel slot 47) 47–47 dark yellow green (90) (wheel slot 48) 48–48 primary green (139) (wheel slot 49) 49–49 fern green 122) (wheel slot 50) 50–50 moss green (89) (wheel slot 51) 51–51 dark green (124) (wheel slot 52) 52–52 lime green (88) (wheel slot 53) 53–53 pale green (138) (wheel slot 54) 54–179 No Function (wheel slot 55) 180–191 Rotate fast >>> (wheel slot 56) 192–198 Rotate mid >> (wheel slot 57) 199–201 Rotate slow > (wheel slot 58) 202–207 Stop Rotation (wheel slot 59) 208–214 < Rotate slow (wheel slot 60) 215–226 << Rotate mid (wheel slot 61) 227–229 <<< Rotate fast (wheel slot 62) 230–234 Open (2) (wheel slot 63) 235–239 Random fast (wheel slot 64)

14ch CMY Ext (continued)

Ch	Function	Default	DMX values
12	Tint	0	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
13	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 141–141 10s Delay 142–255 Default
14	Function	0	

18ch Ext

18 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

18ch Ext (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
4	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
5	Red Fine	255	Fine byte of Red
6	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
7	Green Fine	255	Fine byte of Green
8	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue
9	Blue Fine	255	Fine byte of Blue
10	Color Add GC	255	0–63 0% Mint 64–127 25% Mint 128–190 50% Mint 191–254 75% Mint 255–255 100% Mint
11	Color Add GC Fine	255	Fine byte of Color Add GC
12	Color Add RY	255	0–63 0% Amber 64–127 25% Amber 128–190 50% Amber 191–254 75% Amber 255–255 100% Amber
13	Color Add RY Fine	255	Fine byte of Color Add RY

18ch Ext (continued)

Ch	Function	Default	DMX values
14	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)

18ch Ext (continued)

Ch	Function	Default	DMX values
15	Color Wheel 2	0	0–0 Open (wheel slot 1) 1–1 pale yellow (7) (wheel slot 2) 2–2 straw (103) (wheel slot 3) 3–3 gold tint (151) (wheel slot 4) 4–4 spring yellow (100) (wheel slot 5) 5–5 medium yellow (10) (wheel slot 6) 6–6 yellow (101) (wheel slot 7) 7–7 deep amber (104) (wheel slot 8) 8–8 deep straw (15) (wheel slot 9) 9–9 loving amber (179) (wheel slot 10) 10–10 gold amber (21) (wheel slot 11) 11–11 orange (105) (wheel slot 12) 12–12 deep orange (158) (wheel slot 13) 13–13 dark amber (22) (wheel slot 14) 14–14 millennium gold (778) (wheel slot 15) 15–15 deep golden amber (135) (wheel slot 16) 16–16 scarlet (24) (wheel slot 17) 17–17 primary red (106) (wheel slot 18) 18–18 bright red (26) (wheel slot 19) 19–19 medium red (27) (wheel slot 20) 20–20 fire (19) (wheel slot 21) 21–21 pink (157) (wheel slot 22) 22–22 medium pink (36) (wheel slot 23) 23–23 dark pink (111) (wheel slot 24) 24–24 bright pink (128) (wheel slot 25) 25–25 bright rose (148) (wheel slot 26) 26–26 special rose pink (332) (wheel slot 27) 27–27 vanity fair (793) (wheel slot 28) 28–28 magenta (113) (wheel slot 29) 29–29 dark magenta (46) (wheel slot 30) 30–30 rose purple (48) (wheel slot 31) 31–31 mauve (126) (wheel slot 32) 32–32 medium purple (49) (wheel slot 33) 33–33 lavender (58) (wheel slot 34) 34–34 palace blue (199) (wheel slot 35) 35–35 dark blue (119) (wheel slot 36) 36–36 medium blue (132) (wheel slot 37) 37–37 deep blue (120) (wheel slot 38) 38–38 daylight blue (165) (wheel slot 39) 39–39 slate blue (161) (wheel slot 40) 40–40 light blue (118) (wheel slot 41) 41–41 sky blue (68) (wheel slot 42) 42–42 pale navy blue (143) (wheel slot 43) 43–43 marine blue (131) (wheel slot 44) 44–44 peacock blue (115) (wheel slot 45) 45–45 lagoon blue (172) (wheel slot 46) 46–46 medium blue green (116) (wheel slot 47) 47–47 dark yellow green (90) (wheel slot 48) 48–48 primary green (139) (wheel slot 49) 49–49 fern green 122) (wheel slot 50) 50–50 moss green (89) (wheel slot 51) 51–51 dark green (124) (wheel slot 52) 52–52 lime green (88) (wheel slot 53) 53–53 pale green (138) (wheel slot 54) 54–179 No Function (wheel slot 55) 180–191 Rotate fast >>> (wheel slot 56) 192–198 Rotate mid >> (wheel slot 57) 199–201 Rotate slow > (wheel slot 58) 202–207 Stop Rotation (wheel slot 59) 208–214 < Rotate slow (wheel slot 60) 215–226 << Rotate mid (wheel slot 61) 227–229 <<< Rotate fast (wheel slot 62) 230–234 Open (2) (wheel slot 63) 235–239 Random fast (wheel slot 64)

18ch Ext (continued)

Ch	Function	Default	DMX values
16	Tint	0	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
17	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 141–141 10s Delay 142–255 Default
18	Function	0	