CKC Lighting

FC Profile 400



Manufacturer	**CKC Lighting**
Type	**Profile spot**
DMX modes	**8**
DMX footprint	**1, 5, 10, 12, 17, 21 channels**
Beam angle	**7°**
Size (W × H × D)	**390 × 637 × 300 mm**
GDTF fixture type	**C16A3D04-6E5A-4620-A2AA-69…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Inten	1 ch
Comp	5 ch
CMY	10 ch
RGB	10 ch
Std	12 ch
CMY Extended	17 ch
RGB Ext	17 ch
Extended	21 ch

Inten

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%

Comp

5 channels

Ch	Function	Default	DMX values
1	C TO	0	
2	Gobo Fine	0	Fine byte of Gobo
3	Gobo	0	0–126 Min Index 127–127 Max Index 128–157 Fast 158–188 Med 189–189 Slow 190–193 No Rotation 194–223 Slow 224–254 Med 255–255 Fast
4	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%
5	Dimmer Fine	0	Fine byte of Dimmer

CMY

10 channels

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

CMY (continued)

Ch	Function	Default	DMX values
3	Color Add Y	0	0–62 0% Yellow 63–126 25% Yellow 127–190 50% Yellow 191–254 75% Yellow 255–255 100% Yellow
4	C TO	0	

CMY (continued)

Ch	Function	Default	DMX values
5	Color Wheel	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)

CMY (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–126 Min Index 127–127 Max Index 128–157 Fast 158–188 Med 189–189 Slow 190–193 No Rotation 194–223 Slow 224–254 Med 255–255 Fast
7	Shutter1Strobe	50	0–31 Shutter Closed (1) 32–63 Shutter Open (1) 64–77 Strobe slow 78–92 Strobe mid 93–95 Strobe fast 96–127 Shutter Open (2) 128–140 Pulse slow 141–156 Pulse mid 157–159 Pulse fast 160–191 Shutter Open (3) 192–204 Str Rnd slow 205–220 Str Rnd mid 221–223 Str Rnd fast 224–255 Shutter Open (4)
8	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%
9	Dimmer Fine	0	Fine byte of Dimmer
10	Control1	0	

RGB

10 channels

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

RGB (continued)

Ch	Function	Default	DMX values
5	Color Wheel	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)

RGB (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–126 Min Index 127–127 Max Index 128–157 Fast 158–188 Med 189–189 Slow 190–193 No Rotation 194–223 Slow 224–254 Med 255–255 Fast
7	Shutter / Strobe	50	0–31 Shutter Closed (1) 32–63 Shutter Open (1) 64–77 Strobe slow 78–92 Strobe mid 93–95 Strobe fast 96–127 Shutter Open (2) 128–140 Pulse slow 141–156 Pulse mid 157–159 Pulse fast 160–191 Shutter Open (3) 192–204 Shutter1StrobeRandom · Str Rnd slow 1–8.35 Hz 205–220 Shutter1StrobeRandom · Str Rnd mid 8.97–18.2 Hz 221–223 Shutter1StrobeRandom · Str Rnd fast 18.8–20 Hz 224–255 Shutter Open (4)
8	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%
9	Dimmer Fine	0	Fine byte of Dimmer
10	Control1	0	

Std

12 channels

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

Std (continued)

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

Std (continued)

Ch	Function	Default	DMX values
7	Color Wheel	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)

Std (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–126 Min Index 127–127 Max Index 128–157 Fast 158–188 Med 189–189 Slow 190–193 No Rotation 194–223 Slow 224–254 Med 255–255 Fast
9	Shutter1Strobe	50	0–31 Shutter Closed (1) 32–63 Shutter Open (1) 64–77 Strobe slow 78–92 Strobe mid 93–95 Strobe fast 96–127 Shutter Open (2) 128–140 Pulse slow 141–156 Pulse mid 157–159 Pulse fast 160–191 Shutter Open (3) 192–204 Str Rnd slow 205–220 Str Rnd mid 221–223 Str Rnd fast 224–255 Shutter Open (4)
10	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%
11	Dimmer Fine	0	Fine byte of Dimmer
12	Control1	0	

CMY Extended

17 channels

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

CMY Extended (continued)

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

CMY Extended (continued)

Ch	Function	Default	DMX values
8	Color Wheel	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)

CMY Extended (continued)

Ch	Function	Default	DMX values
9	Tint	0	0–0 Idle (1) 1–125 Full Minus Green 126–127 Neutral 128–128 Neutral White 129–253 Neutral 254–255 Full Plus Green
10	C TC	0	0–0 CTC 1–254 No Function 255–255 Color Mix
11	Gobo	0	0–126 Min Index 127–127 Max Index 128–157 Fast 158–188 Med 189–189 Slow 190–193 No Rotation 194–223 Slow 224–254 Med 255–255 Fast
12	Gobo Fine	0	Fine byte of Gobo
13	Shutter1Strobe	50	0–31 Shutter Closed (1) 32–63 Shutter Open (1) 64–77 Strobe slow 78–92 Strobe mid 93–95 Strobe fast 96–127 Shutter Open (2) 128–140 Pulse slow 141–156 Pulse mid 157–159 Pulse fast 160–191 Shutter Open (3) 192–204 Str Rnd slow 205–220 Str Rnd mid 221–223 Str Rnd fast 224–255 Shutter Open (4)
14	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%
15	Dimmer Fine	0	Fine byte of Dimmer

CMY Extended (continued)

Ch	Function	Default	DMX values
16	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
17	Control1	0	

RGB Ext

17 channels

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

RGB Ext (continued)

Ch	Function	Default	DMX values
8	Color Wheel	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)

RGB Ext (continued)

Ch	Function	Default	DMX values
9	Tint	0	0–0 Idle (1) 1–125 Full Minus Green 126–127 Neutral 128–128 Neutral White 129–253 Neutral 254–255 Full Plus Green
10	C TC	0	0–0 CTC 1–254 No Function 255–255 Color Mix
11	Gobo	0	0–126 Min Index 127–127 Max Index 128–157 Fast 158–188 Med 189–189 Slow 190–193 No Rotation 194–223 Slow 224–254 Med 255–255 Fast
12	Gobo Fine	0	Fine byte of Gobo
13	Shutter / Strobe	50	0–31 Shutter Closed (1) 32–63 Shutter Open (1) 64–77 Strobe slow 78–92 Strobe mid 93–95 Strobe fast 96–127 Shutter Open (2) 128–140 Pulse slow 141–156 Pulse mid 157–159 Pulse fast 160–191 Shutter Open (3) 192–204 Shutter1StrobeRandom · Str Rnd slow 1–8.35 Hz 205–220 Shutter1StrobeRandom · Str Rnd mid 8.97–18.2 Hz 221–223 Shutter1StrobeRandom · Str Rnd fast 18.8–20 Hz 224–255 Shutter Open (4)
14	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%
15	Dimmer Fine	0	Fine byte of Dimmer

RGB Ext (continued)

Ch	Function	Default	DMX values
16	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
17	Control1	0	

Extended

21 channels

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

Extended (continued)

Ch	Function	Default	DMX values
9	Color Add RY	0	0–63 0% Amber 64–127 25% Amber 128–190 50% Amber 191–254 75% Amber 255–255 100% Amber
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	C TO	0	

Extended (continued)

Ch	Function	Default	DMX values
12	Color Wheel	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)

Extended (continued)

Ch	Function	Default	DMX values
13	Tint	0	0–0 Idle (1) 1–125 Full Minus Green 126–127 Neutral 128–128 Neutral White 129–253 Neutral 254–255 Full Plus Green
14	C TC	0	0–0 CTC 1–254 No Function 255–255 Color Mix
15	Gobo	0	0–126 Min Index 127–127 Max Index 128–157 Fast 158–188 Med 189–189 Slow 190–193 No Rotation 194–223 Slow 224–254 Med 255–255 Fast
16	Gobo Fine	0	Fine byte of Gobo
17	Shutter1Strobe	50	0–31 Shutter Closed (1) 32–63 Shutter Open (1) 64–77 Strobe slow 78–92 Strobe mid 93–95 Strobe fast 96–127 Shutter Open (2) 128–140 Pulse slow 141–156 Pulse mid 157–159 Pulse fast 160–191 Shutter Open (3) 192–204 Str Rnd slow 205–220 Str Rnd mid 221–223 Str Rnd fast 224–255 Shutter Open (4)
18	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%
19	Dimmer Fine	0	Fine byte of Dimmer

Extended (continued)

Ch	Function	Default	DMX values
20	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
21	Control1	0	