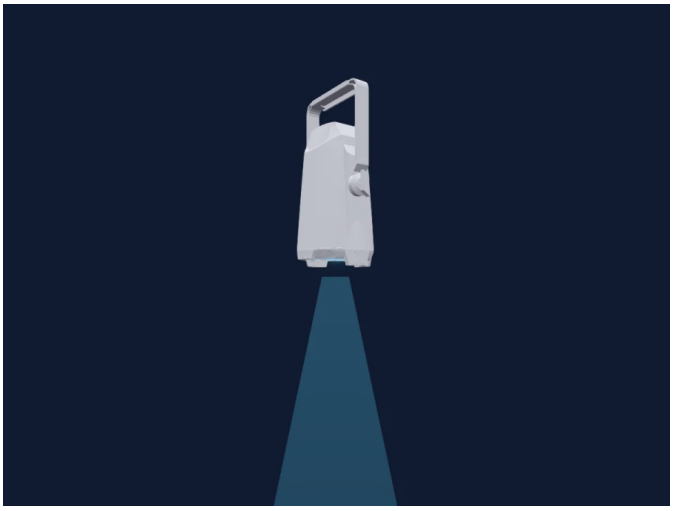
CKC Lighting

P500 FC IP



Manufacturer	**CKC Lighting**
Type	**PAR**
DMX modes	**8**
DMX footprint	**1, 6, 9, 11, 14, 15, 18, 19 channels**
Beam angle	**25°**
Size (W × H × D)	**276 × 315 × 59 mm**
GDTF fixture type	**3F9E131B-95F5-4D54-8AC7-F5…**

Controls

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

DMX modes

Dimmer 1CH	1 ch
Dimmer Color 6CH	6 ch
CMY 9CH	9 ch
Standard 11CH	11 ch
Legacy CMY Extended 14CH	14 ch
CMY Extended 15CH	15 ch
Legacy Extended 18CH	18 ch
Extended 19CH	19 ch

Dimmer 1CH

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–25 0% 26–50 10% 51–63 20% 64–76 25% 77–101 30% 102–127 40% 128–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%

Dimmer Color 6CH

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 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 Random · Str Rnd slow 1–3.71 Hz 205–220 Random · Str Rnd mid 3.94–7.32 Hz 221–223 Random · Str Rnd fast 7.55–8 Hz 224–255 Shutter Open (4)
4	C TO	0	

Dimmer Color 6CH (continued)

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

Dimmer Color 6CH (continued)

Ch	Function	Default	DMX values
6	Control1	0	

CMY 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 (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 Random · Str Rnd slow 1–3.71 Hz 205–220 Random · Str Rnd mid 3.94–7.32 Hz 221–223 Random · Str Rnd fast 7.55–8 Hz 224–255 Shutter Open (4)
4	Cyan	0	0–62 0% Cyan 63–126 25% Cyan 127–190 50% Cyan 191–254 75% Cyan 255–255 100% Cyan
5	Magenta	0	0–62 0% Magenta 63–126 25% Magenta 127–190 50% Magenta 191–254 75% Magenta 255–255 100% Magenta
6	Yellow	0	0–62 0% Yellow 63–126 25% Yellow 127–190 50% Yellow 191–254 75% Yellow 255–255 100% Yellow
7	C TO	0	

CMY 9CH (continued)

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

CMY 9CH (continued)

Ch	Function	Default	DMX values
9	Control1	0	

Standard 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 (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)
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

Standard 11CH (continued)

Ch	Function	Default	DMX values
9	C TO	0	

Standard 11CH (continued)

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

Standard 11CH (continued)

Ch	Function	Default	DMX values
11	Control1	0	

Legacy 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 (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 Random · Str Rnd slow 1–3.71 Hz 205–220 Random · Str Rnd mid 3.94–7.32 Hz 221–223 Random · Str Rnd fast 7.55–8 Hz 224–255 Shutter Open (4)
4	Cyan	0	0–62 0% Cyan 63–126 25% Cyan 127–190 50% Cyan 191–254 75% Cyan 255–255 100% Cyan
5	Cyan Fine	0	Fine byte of Cyan
6	Magenta	0	0–62 0% Magenta 63–126 25% Magenta 127–190 50% Magenta 191–254 75% Magenta 255–255 100% Magenta
7	Magenta Fine	0	Fine byte of Magenta
8	Yellow	0	0–62 0% Yellow 63–126 25% Yellow 127–190 50% Yellow 191–254 75% Yellow 255–255 100% Yellow
9	Yellow Fine	0	Fine byte of Yellow
10	C TO	0	

Legacy CMY Extended 14CH (continued)

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

Legacy CMY Extended 14CH (continued)

Ch	Function	Default	DMX values
12	Tint	128	0–0 Idle (1) 1–125 Full Minus Green 126–127 Neutral 128–128 Neutral White 129–253 Neutral 254–255 Full Plus Green
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 142–149 Idle 150–159 DTW On 160–255 Idle
14	Control1	0	

CMY Extended 15CH

15 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

CMY Extended 15CH (continued)

Ch	Function	Default	DMX values
3	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 Random · Str Rnd slow 1–3.71 Hz 205–220 Random · Str Rnd mid 3.94–7.32 Hz 221–223 Random · Str Rnd fast 7.55–8 Hz 224–255 Shutter Open (4)
4	Cyan	0	0–62 0% Cyan 63–126 25% Cyan 127–190 50% Cyan 191–254 75% Cyan 255–255 100% Cyan
5	Cyan Fine	0	Fine byte of Cyan
6	Magenta	0	0–62 0% Magenta 63–126 25% Magenta 127–190 50% Magenta 191–254 75% Magenta 255–255 100% Magenta
7	Magenta Fine	0	Fine byte of Magenta
8	Yellow	0	0–62 0% Yellow 63–126 25% Yellow 127–190 50% Yellow 191–254 75% Yellow 255–255 100% Yellow
9	Yellow Fine	0	Fine byte of Yellow
10	C TO	0	0–23 Open 24–255 2400K-8500K
11	C TO Fine	0	Fine byte of C TO
12	Tint	128	0–0 Idle (1) 1–125 Full Minus Green 126–127 Neutral 128–128 Neutral White 129–253 Neutral 254–255 Full Plus Green

CMY Extended 15CH (continued)

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

CMY Extended 15CH (continued)

Ch	Function	Default	DMX values
14	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 142–149 Idle 150–159 DTW On 160–255 Idle
15	Control1	0	

Legacy Extended 18CH

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

Legacy Extended 18CH (continued)

Ch	Function	Default	DMX values
3	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)
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
14	C TO	0	

Legacy Extended 18CH (continued)

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

Legacy Extended 18CH (continued)

Ch	Function	Default	DMX values
16	Tint	128	0–0 Idle (1) 1–125 Full Minus Green 126–127 Neutral 128–128 Neutral White 129–253 Neutral 254–255 Full Plus Green
17	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 142–149 Idle 150–159 DTW On 160–255 Idle
18	Control1	0	

Extended 19CH

19 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

Extended 19CH (continued)

Ch	Function	Default	DMX values
3	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)
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
14	C TO	0	0–23 Open 24–255 2400K-8500K
15	C TO Fine	0	Fine byte of C TO
16	Tint	128	0–0 Idle (1) 1–125 Full Minus Green 126–127 Neutral 128–128 Neutral White 129–253 Neutral 254–255 Full Plus Green

Extended 19CH (continued)

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

Extended 19CH (continued)

Ch	Function	Default	DMX values
18	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 142–149 Idle 150–159 DTW On 160–255 Idle
19	Control1	0	