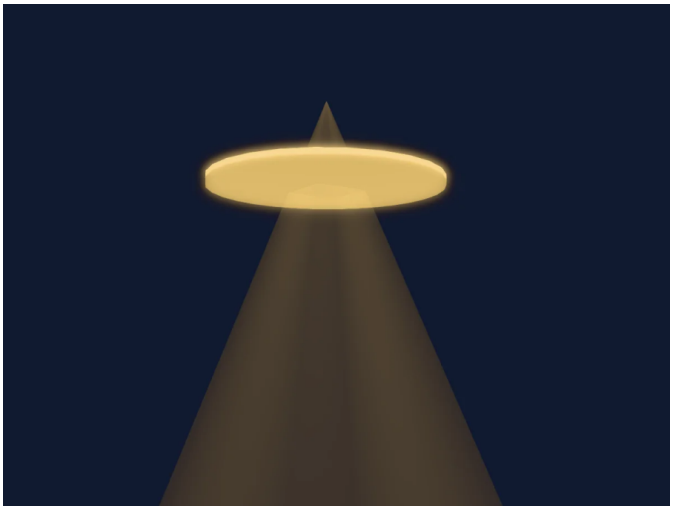
CKC Lighting

Mini Blinder



Manufacturer	**CKC Lighting**
Type	**Blinder**
DMX modes	**12**
DMX footprint	**1, 2, 3, 4, 6, 7, 10, 14, 15, 21 channels**
Beam angle	**46°**
Size (W × H × D)	**264 × 220 × 50 mm**
GDTF fixture type	**1EBB5F23-2E3D-4E32-A7B9-4C…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

Dimmer 1CH	1 ch
Dimmer/CCT 2CH	2 ch
Dimmer/ Strobe/CCT 3CH	3 ch
IRGB 4CH	4 ch
RawColor 6CH	6 ch
Dimmer/CCT/Color Picker 7CH	7 ch
CMY Standard 10CH	10 ch
RGB Standard 10CH	10 ch
Standard 14CH	14 ch
CMY Extended 15CH	15 ch
RGB Extended 15CH	15 ch
Extended 21CH	21 ch

Dimmer 1CH

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%

Dimmer/CCT 2CH

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%

Dimmer/CCT 2CH (continued)

Ch	Function	Default	DMX values
2	Color Wheel	0	0–17 Open (wheel slot 1) 18–18 1800K (wheel slot 68) 19–19 1900K (wheel slot 69) 20–20 2000K (wheel slot 2) 21–21 2100K (wheel slot 3) 22–22 2200K (wheel slot 4) 23–23 2300K (wheel slot 5) 24–24 2400K (wheel slot 6) 25–25 2500K (wheel slot 7) 26–26 2600K (wheel slot 8) 27–27 2700K (wheel slot 9) 28–28 2800K (wheel slot 10) 29–29 2900K (wheel slot 11) 30–30 3000K (wheel slot 12) 31–31 3100K (wheel slot 13) 32–32 3200K (wheel slot 14) 33–33 3300K (wheel slot 15) 34–34 3400K (wheel slot 16) 35–35 3500K (wheel slot 17) 36–36 3600K (wheel slot 18) 37–37 3700K (wheel slot 19) 38–38 3800K (wheel slot 20) 39–39 3900K (wheel slot 21) 40–40 4000K (wheel slot 22) 41–41 4100K (wheel slot 23) 42–42 4200K (wheel slot 24) 43–43 4300K (wheel slot 25) 44–44 4400K (wheel slot 26) 45–45 4500K (wheel slot 27) 46–46 4600K (wheel slot 28) 47–47 4700K (wheel slot 29) 48–48 4800K (wheel slot 30) 49–49 4900K (wheel slot 31) 50–50 5000K (wheel slot 32) 51–51 5100K (wheel slot 33) 52–52 5200K (wheel slot 34) 53–53 5300K (wheel slot 35) 54–54 5400K (wheel slot 36) 55–55 5500K (wheel slot 37) 56–56 5600K (wheel slot 38) 57–57 5700K (wheel slot 39) 58–58 5800K (wheel slot 40) 59–59 5900K (wheel slot 41) 60–60 6000K (wheel slot 42) 61–61 6100K (wheel slot 43) 62–62 6200K (wheel slot 44) 63–63 6300K (wheel slot 45) 64–64 6400K (wheel slot 46) 65–65 6500K (wheel slot 47) 66–66 6600K (wheel slot 48) 67–67 6700K (wheel slot 49) 68–68 6800K (wheel slot 50) 69–69 6900K (wheel slot 51) 70–70 7000K (wheel slot 52) 71–71 7100K (wheel slot 53) 72–72 7200K (wheel slot 54) 73–73 7300K (wheel slot 55) 74–74 7400K (wheel slot 56) 75–75 7500K (wheel slot 57) 76–76 7600K (wheel slot 58) 77–77 7700K (wheel slot 59) 78–78 7800K (wheel slot 60) 79–79 7900K (wheel slot 61) 80–80 8000K (wheel slot 62)

Dimmer/ Strobe/CCT 3CH

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%
2	Shutter / Strobe	50	0–31 Shutter closed 32–63 Shutter open1 64–94 Min Strobe 95–95 Max Strobe 96–127 shutter open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Shutter open3 192–222 Min Random 223–223 Max Random 224–255 Shutter open4

Dimmer/ Strobe/CCT 3CH (continued)

Ch	Function	Default	DMX values
3	Color Wheel	0	0–17 Open (wheel slot 1) 18–18 1800K (wheel slot 68) 19–19 1900K (wheel slot 69) 20–20 2000K (wheel slot 2) 21–21 2100K (wheel slot 3) 22–22 2200K (wheel slot 4) 23–23 2300K (wheel slot 5) 24–24 2400K (wheel slot 6) 25–25 2500K (wheel slot 7) 26–26 2600K (wheel slot 8) 27–27 2700K (wheel slot 9) 28–28 2800K (wheel slot 10) 29–29 2900K (wheel slot 11) 30–30 3000K (wheel slot 12) 31–31 3100K (wheel slot 13) 32–32 3200K (wheel slot 14) 33–33 3300K (wheel slot 15) 34–34 3400K (wheel slot 16) 35–35 3500K (wheel slot 17) 36–36 3600K (wheel slot 18) 37–37 3700K (wheel slot 19) 38–38 3800K (wheel slot 20) 39–39 3900K (wheel slot 21) 40–40 4000K (wheel slot 22) 41–41 4100K (wheel slot 23) 42–42 4200K (wheel slot 24) 43–43 4300K (wheel slot 25) 44–44 4400K (wheel slot 26) 45–45 4500K (wheel slot 27) 46–46 4600K (wheel slot 28) 47–47 4700K (wheel slot 29) 48–48 4800K (wheel slot 30) 49–49 4900K (wheel slot 31) 50–50 5000K (wheel slot 32) 51–51 5100K (wheel slot 33) 52–52 5200K (wheel slot 34) 53–53 5300K (wheel slot 35) 54–54 5400K (wheel slot 36) 55–55 5500K (wheel slot 37) 56–56 5600K (wheel slot 38) 57–57 5700K (wheel slot 39) 58–58 5800K (wheel slot 40) 59–59 5900K (wheel slot 41) 60–60 6000K (wheel slot 42) 61–61 6100K (wheel slot 43) 62–62 6200K (wheel slot 44) 63–63 6300K (wheel slot 45) 64–64 6400K (wheel slot 46) 65–65 6500K (wheel slot 47) 66–66 6600K (wheel slot 48) 67–67 6700K (wheel slot 49) 68–68 6800K (wheel slot 50) 69–69 6900K (wheel slot 51) 70–70 7000K (wheel slot 52) 71–71 7100K (wheel slot 53) 72–72 7200K (wheel slot 54) 73–73 7300K (wheel slot 55) 74–74 7400K (wheel slot 56) 75–75 7500K (wheel slot 57) 76–76 7600K (wheel slot 58) 77–77 7700K (wheel slot 59) 78–78 7800K (wheel slot 60) 79–79 7900K (wheel slot 61) 80–80 8000K (wheel slot 62)

IRGB 4CH

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%
2	Red	255	
3	Green	255	
4	Blue	255	

RawColor 6CH

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	
5	Color Add RY	255	
6	White	255	

Dimmer/CCT/Color Picker 7CH

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter closed 32–63 Shutter open1 64–94 Min Strobe 95–95 Max Strobe 96–127 shutter open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Shutter open3 192–222 Min Random 223–223 Max Random 224–255 Shutter open4

Dimmer/CCT/Color Picker 7CH (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–17 Open (wheel slot 1) 18–18 1800K (wheel slot 68) 19–19 1900K (wheel slot 69) 20–20 2000K (wheel slot 2) 21–21 2100K (wheel slot 3) 22–22 2200K (wheel slot 4) 23–23 2300K (wheel slot 5) 24–24 2400K (wheel slot 6) 25–25 2500K (wheel slot 7) 26–26 2600K (wheel slot 8) 27–27 2700K (wheel slot 9) 28–28 2800K (wheel slot 10) 29–29 2900K (wheel slot 11) 30–30 3000K (wheel slot 12) 31–31 3100K (wheel slot 13) 32–32 3200K (wheel slot 14) 33–33 3300K (wheel slot 15) 34–34 3400K (wheel slot 16) 35–35 3500K (wheel slot 17) 36–36 3600K (wheel slot 18) 37–37 3700K (wheel slot 19) 38–38 3800K (wheel slot 20) 39–39 3900K (wheel slot 21) 40–40 4000K (wheel slot 22) 41–41 4100K (wheel slot 23) 42–42 4200K (wheel slot 24) 43–43 4300K (wheel slot 25) 44–44 4400K (wheel slot 26) 45–45 4500K (wheel slot 27) 46–46 4600K (wheel slot 28) 47–47 4700K (wheel slot 29) 48–48 4800K (wheel slot 30) 49–49 4900K (wheel slot 31) 50–50 5000K (wheel slot 32) 51–51 5100K (wheel slot 33) 52–52 5200K (wheel slot 34) 53–53 5300K (wheel slot 35) 54–54 5400K (wheel slot 36) 55–55 5500K (wheel slot 37) 56–56 5600K (wheel slot 38) 57–57 5700K (wheel slot 39) 58–58 5800K (wheel slot 40) 59–59 5900K (wheel slot 41) 60–60 6000K (wheel slot 42) 61–61 6100K (wheel slot 43) 62–62 6200K (wheel slot 44) 63–63 6300K (wheel slot 45) 64–64 6400K (wheel slot 46) 65–65 6500K (wheel slot 47) 66–66 6600K (wheel slot 48) 67–67 6700K (wheel slot 49) 68–68 6800K (wheel slot 50) 69–69 6900K (wheel slot 51) 70–70 7000K (wheel slot 52) 71–71 7100K (wheel slot 53) 72–72 7200K (wheel slot 54) 73–73 7300K (wheel slot 55) 74–74 7400K (wheel slot 56) 75–75 7500K (wheel slot 57) 76–76 7600K (wheel slot 58) 77–77 7700K (wheel slot 59) 78–78 7800K (wheel slot 60) 79–79 7900K (wheel slot 61) 80–80 8000K (wheel slot 62)

Dimmer/CCT/Color Picker 7CH (continued)

Ch	Function	Default	DMX values
5	Color Effects1	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

Dimmer/CCT/Color Picker 7CH (continued)

Ch	Function	Default	DMX values
6	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 millenium 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) 45–46 lagoon blue (wheel slot 45) 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 No function (wheel slot 61) 180–201 Fast to slow CW 202–207 Stop 208–229 Slow to fast CCW

Dimmer/CCT/Color Picker 7CH (continued)

Ch	Function	Default	DMX values
7	Control1	0	

CMY Standard 10CH

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter closed 32–63 Shutter open1 64–94 Min Strobe 95–95 Max Strobe 96–127 shutter open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Shutter open3 192–222 Min Random 223–223 Max Random 224–255 Shutter open4
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	

CMY Standard 10CH (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–17 Open (wheel slot 1) 18–18 1800K (wheel slot 68) 19–19 1900K (wheel slot 69) 20–20 2000K (wheel slot 2) 21–21 2100K (wheel slot 3) 22–22 2200K (wheel slot 4) 23–23 2300K (wheel slot 5) 24–24 2400K (wheel slot 6) 25–25 2500K (wheel slot 7) 26–26 2600K (wheel slot 8) 27–27 2700K (wheel slot 9) 28–28 2800K (wheel slot 10) 29–29 2900K (wheel slot 11) 30–30 3000K (wheel slot 12) 31–31 3100K (wheel slot 13) 32–32 3200K (wheel slot 14) 33–33 3300K (wheel slot 15) 34–34 3400K (wheel slot 16) 35–35 3500K (wheel slot 17) 36–36 3600K (wheel slot 18) 37–37 3700K (wheel slot 19) 38–38 3800K (wheel slot 20) 39–39 3900K (wheel slot 21) 40–40 4000K (wheel slot 22) 41–41 4100K (wheel slot 23) 42–42 4200K (wheel slot 24) 43–43 4300K (wheel slot 25) 44–44 4400K (wheel slot 26) 45–45 4500K (wheel slot 27) 46–46 4600K (wheel slot 28) 47–47 4700K (wheel slot 29) 48–48 4800K (wheel slot 30) 49–49 4900K (wheel slot 31) 50–50 5000K (wheel slot 32) 51–51 5100K (wheel slot 33) 52–52 5200K (wheel slot 34) 53–53 5300K (wheel slot 35) 54–54 5400K (wheel slot 36) 55–55 5500K (wheel slot 37) 56–56 5600K (wheel slot 38) 57–57 5700K (wheel slot 39) 58–58 5800K (wheel slot 40) 59–59 5900K (wheel slot 41) 60–60 6000K (wheel slot 42) 61–61 6100K (wheel slot 43) 62–62 6200K (wheel slot 44) 63–63 6300K (wheel slot 45) 64–64 6400K (wheel slot 46) 65–65 6500K (wheel slot 47) 66–66 6600K (wheel slot 48) 67–67 6700K (wheel slot 49) 68–68 6800K (wheel slot 50) 69–69 6900K (wheel slot 51) 70–70 7000K (wheel slot 52) 71–71 7100K (wheel slot 53) 72–72 7200K (wheel slot 54) 73–73 7300K (wheel slot 55) 74–74 7400K (wheel slot 56) 75–75 7500K (wheel slot 57) 76–76 7600K (wheel slot 58) 77–77 7700K (wheel slot 59) 78–78 7800K (wheel slot 60) 79–79 7900K (wheel slot 61) 80–80 8000K (wheel slot 62)

CMY Standard 10CH (continued)

Ch	Function	Default	DMX values
8	Color Effects1	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

CMY Standard 10CH (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 millenium 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) 45–46 lagoon blue (wheel slot 45) 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 No function (wheel slot 61) 180–201 Fast to slow CW 202–207 Stop 208–229 Slow to fast CCW

CMY Standard 10CH (continued)

Ch	Function	Default	DMX values
10	Control1	0	

RGB Standard 10CH

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter closed 32–63 Shutter open1 64–94 Min Strobe 95–95 Max Strobe 96–127 shutter open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Shutter open3 192–222 Min Random 223–223 Max Random 224–255 Shutter open4
4	Red	255	
5	Green	255	
6	Blue	255	

RGB Standard 10CH (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–17 Open (wheel slot 1) 18–18 1800K (wheel slot 68) 19–19 1900K (wheel slot 69) 20–20 2000K (wheel slot 2) 21–21 2100K (wheel slot 3) 22–22 2200K (wheel slot 4) 23–23 2300K (wheel slot 5) 24–24 2400K (wheel slot 6) 25–25 2500K (wheel slot 7) 26–26 2600K (wheel slot 8) 27–27 2700K (wheel slot 9) 28–28 2800K (wheel slot 10) 29–29 2900K (wheel slot 11) 30–30 3000K (wheel slot 12) 31–31 3100K (wheel slot 13) 32–32 3200K (wheel slot 14) 33–33 3300K (wheel slot 15) 34–34 3400K (wheel slot 16) 35–35 3500K (wheel slot 17) 36–36 3600K (wheel slot 18) 37–37 3700K (wheel slot 19) 38–38 3800K (wheel slot 20) 39–39 3900K (wheel slot 21) 40–40 4000K (wheel slot 22) 41–41 4100K (wheel slot 23) 42–42 4200K (wheel slot 24) 43–43 4300K (wheel slot 25) 44–44 4400K (wheel slot 26) 45–45 4500K (wheel slot 27) 46–46 4600K (wheel slot 28) 47–47 4700K (wheel slot 29) 48–48 4800K (wheel slot 30) 49–49 4900K (wheel slot 31) 50–50 5000K (wheel slot 32) 51–51 5100K (wheel slot 33) 52–52 5200K (wheel slot 34) 53–53 5300K (wheel slot 35) 54–54 5400K (wheel slot 36) 55–55 5500K (wheel slot 37) 56–56 5600K (wheel slot 38) 57–57 5700K (wheel slot 39) 58–58 5800K (wheel slot 40) 59–59 5900K (wheel slot 41) 60–60 6000K (wheel slot 42) 61–61 6100K (wheel slot 43) 62–62 6200K (wheel slot 44) 63–63 6300K (wheel slot 45) 64–64 6400K (wheel slot 46) 65–65 6500K (wheel slot 47) 66–66 6600K (wheel slot 48) 67–67 6700K (wheel slot 49) 68–68 6800K (wheel slot 50) 69–69 6900K (wheel slot 51) 70–70 7000K (wheel slot 52) 71–71 7100K (wheel slot 53) 72–72 7200K (wheel slot 54) 73–73 7300K (wheel slot 55) 74–74 7400K (wheel slot 56) 75–75 7500K (wheel slot 57) 76–76 7600K (wheel slot 58) 77–77 7700K (wheel slot 59) 78–78 7800K (wheel slot 60) 79–79 7900K (wheel slot 61) 80–80 8000K (wheel slot 62)

RGB Standard 10CH (continued)

Ch	Function	Default	DMX values
8	Color Effects1	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

RGB Standard 10CH (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 millenium 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) 45–46 lagoon blue (wheel slot 45) 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 No function (wheel slot 61) 180–201 Fast to slow CW 202–207 Stop 208–229 Slow to fast CCW

RGB Standard 10CH (continued)

Ch	Function	Default	DMX values
10	Control1	0	

Standard 14CH

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter closed 32–63 Shutter open1 64–94 Min Strobe 95–95 Max Strobe 96–127 shutter open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Shutter open3 192–222 Min Random 223–223 Max Random 224–255 Shutter open4
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add GY	255	
8	Color Add RY	255	
9	White	255	

Standard 14CH (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–17 Open (wheel slot 1) 18–18 1800K (wheel slot 68) 19–19 1900K (wheel slot 69) 20–20 2000K (wheel slot 2) 21–21 2100K (wheel slot 3) 22–22 2200K (wheel slot 4) 23–23 2300K (wheel slot 5) 24–24 2400K (wheel slot 6) 25–25 2500K (wheel slot 7) 26–26 2600K (wheel slot 8) 27–27 2700K (wheel slot 9) 28–28 2800K (wheel slot 10) 29–29 2900K (wheel slot 11) 30–30 3000K (wheel slot 12) 31–31 3100K (wheel slot 13) 32–32 3200K (wheel slot 14) 33–33 3300K (wheel slot 15) 34–34 3400K (wheel slot 16) 35–35 3500K (wheel slot 17) 36–36 3600K (wheel slot 18) 37–37 3700K (wheel slot 19) 38–38 3800K (wheel slot 20) 39–39 3900K (wheel slot 21) 40–40 4000K (wheel slot 22) 41–41 4100K (wheel slot 23) 42–42 4200K (wheel slot 24) 43–43 4300K (wheel slot 25) 44–44 4400K (wheel slot 26) 45–45 4500K (wheel slot 27) 46–46 4600K (wheel slot 28) 47–47 4700K (wheel slot 29) 48–48 4800K (wheel slot 30) 49–49 4900K (wheel slot 31) 50–50 5000K (wheel slot 32) 51–51 5100K (wheel slot 33) 52–52 5200K (wheel slot 34) 53–53 5300K (wheel slot 35) 54–54 5400K (wheel slot 36) 55–55 5500K (wheel slot 37) 56–56 5600K (wheel slot 38) 57–57 5700K (wheel slot 39) 58–58 5800K (wheel slot 40) 59–59 5900K (wheel slot 41) 60–60 6000K (wheel slot 42) 61–61 6100K (wheel slot 43) 62–62 6200K (wheel slot 44) 63–63 6300K (wheel slot 45) 64–64 6400K (wheel slot 46) 65–65 6500K (wheel slot 47) 66–66 6600K (wheel slot 48) 67–67 6700K (wheel slot 49) 68–68 6800K (wheel slot 50) 69–69 6900K (wheel slot 51) 70–70 7000K (wheel slot 52) 71–71 7100K (wheel slot 53) 72–72 7200K (wheel slot 54) 73–73 7300K (wheel slot 55) 74–74 7400K (wheel slot 56) 75–75 7500K (wheel slot 57) 76–76 7600K (wheel slot 58) 77–77 7700K (wheel slot 59) 78–78 7800K (wheel slot 60) 79–79 7900K (wheel slot 61) 80–80 8000K (wheel slot 62)

Standard 14CH (continued)

Ch	Function	Default	DMX values
11	Color Effects1	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

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 millenium 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) 45–46 lagoon blue (wheel slot 45) 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 No function (wheel slot 61) 180–201 Fast to slow CW 202–207 Stop 208–229 Slow to fast CCW

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 122–122 0*1s 123–123 0*2s 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7s 129–129 0*8s 130–130 0*9s 131–132 1s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–149 Idle 150–154 DTW On 155–159 DTW Off 160–255 Idle
14	Control1	0	

CMY Extended 15CH

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter closed 32–63 Shutter open1 64–94 Min Strobe 95–95 Max Strobe 96–127 shutter open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Shutter open3 192–222 Min Random 223–223 Max Random 224–255 Shutter open4
4	Cyan	255	
5	Cyan Fine	255	Fine byte of Cyan
6	Magenta	255	
7	Magenta Fine	255	Fine byte of Magenta
8	Yellow	255	
9	Yellow Fine	255	Fine byte of Yellow

CMY Extended 15CH (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–17 Open (wheel slot 1) 18–18 1800K (wheel slot 68) 19–19 1900K (wheel slot 69) 20–20 2000K (wheel slot 2) 21–21 2100K (wheel slot 3) 22–22 2200K (wheel slot 4) 23–23 2300K (wheel slot 5) 24–24 2400K (wheel slot 6) 25–25 2500K (wheel slot 7) 26–26 2600K (wheel slot 8) 27–27 2700K (wheel slot 9) 28–28 2800K (wheel slot 10) 29–29 2900K (wheel slot 11) 30–30 3000K (wheel slot 12) 31–31 3100K (wheel slot 13) 32–32 3200K (wheel slot 14) 33–33 3300K (wheel slot 15) 34–34 3400K (wheel slot 16) 35–35 3500K (wheel slot 17) 36–36 3600K (wheel slot 18) 37–37 3700K (wheel slot 19) 38–38 3800K (wheel slot 20) 39–39 3900K (wheel slot 21) 40–40 4000K (wheel slot 22) 41–41 4100K (wheel slot 23) 42–42 4200K (wheel slot 24) 43–43 4300K (wheel slot 25) 44–44 4400K (wheel slot 26) 45–45 4500K (wheel slot 27) 46–46 4600K (wheel slot 28) 47–47 4700K (wheel slot 29) 48–48 4800K (wheel slot 30) 49–49 4900K (wheel slot 31) 50–50 5000K (wheel slot 32) 51–51 5100K (wheel slot 33) 52–52 5200K (wheel slot 34) 53–53 5300K (wheel slot 35) 54–54 5400K (wheel slot 36) 55–55 5500K (wheel slot 37) 56–56 5600K (wheel slot 38) 57–57 5700K (wheel slot 39) 58–58 5800K (wheel slot 40) 59–59 5900K (wheel slot 41) 60–60 6000K (wheel slot 42) 61–61 6100K (wheel slot 43) 62–62 6200K (wheel slot 44) 63–63 6300K (wheel slot 45) 64–64 6400K (wheel slot 46) 65–65 6500K (wheel slot 47) 66–66 6600K (wheel slot 48) 67–67 6700K (wheel slot 49) 68–68 6800K (wheel slot 50) 69–69 6900K (wheel slot 51) 70–70 7000K (wheel slot 52) 71–71 7100K (wheel slot 53) 72–72 7200K (wheel slot 54) 73–73 7300K (wheel slot 55) 74–74 7400K (wheel slot 56) 75–75 7500K (wheel slot 57) 76–76 7600K (wheel slot 58) 77–77 7700K (wheel slot 59) 78–78 7800K (wheel slot 60) 79–79 7900K (wheel slot 61) 80–80 8000K (wheel slot 62)

CMY Extended 15CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel Fine	0	Fine byte of Color Wheel
12	Color Effects1	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

CMY Extended 15CH (continued)

Ch	Function	Default	DMX values
13	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 millenium 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) 45–46 lagoon blue (wheel slot 45) 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 No function (wheel slot 61) 180–201 Fast to slow CW 202–207 Stop 208–229 Slow to fast CCW

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 122–122 0*1s 123–123 0*2s 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7s 129–129 0*8s 130–130 0*9s 131–132 1s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–149 Idle 150–154 DTW On 155–159 DTW Off 160–255 Idle
15	Control1	0	

RGB Extended 15CH

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter closed 32–63 Shutter open1 64–94 Min Strobe 95–95 Max Strobe 96–127 shutter open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Shutter open3 192–222 Min Random 223–223 Max Random 224–255 Shutter open4
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue

RGB Extended 15CH (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–17 Open (wheel slot 1) 18–18 1800K (wheel slot 68) 19–19 1900K (wheel slot 69) 20–20 2000K (wheel slot 2) 21–21 2100K (wheel slot 3) 22–22 2200K (wheel slot 4) 23–23 2300K (wheel slot 5) 24–24 2400K (wheel slot 6) 25–25 2500K (wheel slot 7) 26–26 2600K (wheel slot 8) 27–27 2700K (wheel slot 9) 28–28 2800K (wheel slot 10) 29–29 2900K (wheel slot 11) 30–30 3000K (wheel slot 12) 31–31 3100K (wheel slot 13) 32–32 3200K (wheel slot 14) 33–33 3300K (wheel slot 15) 34–34 3400K (wheel slot 16) 35–35 3500K (wheel slot 17) 36–36 3600K (wheel slot 18) 37–37 3700K (wheel slot 19) 38–38 3800K (wheel slot 20) 39–39 3900K (wheel slot 21) 40–40 4000K (wheel slot 22) 41–41 4100K (wheel slot 23) 42–42 4200K (wheel slot 24) 43–43 4300K (wheel slot 25) 44–44 4400K (wheel slot 26) 45–45 4500K (wheel slot 27) 46–46 4600K (wheel slot 28) 47–47 4700K (wheel slot 29) 48–48 4800K (wheel slot 30) 49–49 4900K (wheel slot 31) 50–50 5000K (wheel slot 32) 51–51 5100K (wheel slot 33) 52–52 5200K (wheel slot 34) 53–53 5300K (wheel slot 35) 54–54 5400K (wheel slot 36) 55–55 5500K (wheel slot 37) 56–56 5600K (wheel slot 38) 57–57 5700K (wheel slot 39) 58–58 5800K (wheel slot 40) 59–59 5900K (wheel slot 41) 60–60 6000K (wheel slot 42) 61–61 6100K (wheel slot 43) 62–62 6200K (wheel slot 44) 63–63 6300K (wheel slot 45) 64–64 6400K (wheel slot 46) 65–65 6500K (wheel slot 47) 66–66 6600K (wheel slot 48) 67–67 6700K (wheel slot 49) 68–68 6800K (wheel slot 50) 69–69 6900K (wheel slot 51) 70–70 7000K (wheel slot 52) 71–71 7100K (wheel slot 53) 72–72 7200K (wheel slot 54) 73–73 7300K (wheel slot 55) 74–74 7400K (wheel slot 56) 75–75 7500K (wheel slot 57) 76–76 7600K (wheel slot 58) 77–77 7700K (wheel slot 59) 78–78 7800K (wheel slot 60) 79–79 7900K (wheel slot 61) 80–80 8000K (wheel slot 62)

RGB Extended 15CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel Fine	0	Fine byte of Color Wheel
12	Color Effects1	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

RGB Extended 15CH (continued)

Ch	Function	Default	DMX values
13	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 millenium 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) 45–46 lagoon blue (wheel slot 45) 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 No function (wheel slot 61) 180–201 Fast to slow CW 202–207 Stop 208–229 Slow to fast CCW

RGB 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 122–122 0*1s 123–123 0*2s 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7s 129–129 0*8s 130–130 0*9s 131–132 1s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–149 Idle 150–154 DTW On 155–159 DTW Off 160–255 Idle
15	Control1	0	

Extended 21CH

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Intensity 0% 255–255 Intensity 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 Shutter closed 32–63 Shutter open1 64–94 Min Strobe 95–95 Max Strobe 96–127 shutter open2 128–158 Min Pulse 159–159 Max Pulse 160–191 Shutter open3 192–222 Min Random 223–223 Max Random 224–255 Shutter open4
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add GY	255	
11	Color Add GY Fine	255	Fine byte of Color Add GY

Extended 21CH (continued)

Ch	Function	Default	DMX values
12	Color Add RY	255	
13	Color Add RY Fine	255	Fine byte of Color Add RY
14	White	255	
15	White Fine	255	Fine byte of White

Extended 21CH (continued)

Ch	Function	Default	DMX values
16	Color Wheel	0	0–17 Open (wheel slot 1) 18–18 1800K (wheel slot 68) 19–19 1900K (wheel slot 69) 20–20 2000K (wheel slot 2) 21–21 2100K (wheel slot 3) 22–22 2200K (wheel slot 4) 23–23 2300K (wheel slot 5) 24–24 2400K (wheel slot 6) 25–25 2500K (wheel slot 7) 26–26 2600K (wheel slot 8) 27–27 2700K (wheel slot 9) 28–28 2800K (wheel slot 10) 29–29 2900K (wheel slot 11) 30–30 3000K (wheel slot 12) 31–31 3100K (wheel slot 13) 32–32 3200K (wheel slot 14) 33–33 3300K (wheel slot 15) 34–34 3400K (wheel slot 16) 35–35 3500K (wheel slot 17) 36–36 3600K (wheel slot 18) 37–37 3700K (wheel slot 19) 38–38 3800K (wheel slot 20) 39–39 3900K (wheel slot 21) 40–40 4000K (wheel slot 22) 41–41 4100K (wheel slot 23) 42–42 4200K (wheel slot 24) 43–43 4300K (wheel slot 25) 44–44 4400K (wheel slot 26) 45–45 4500K (wheel slot 27) 46–46 4600K (wheel slot 28) 47–47 4700K (wheel slot 29) 48–48 4800K (wheel slot 30) 49–49 4900K (wheel slot 31) 50–50 5000K (wheel slot 32) 51–51 5100K (wheel slot 33) 52–52 5200K (wheel slot 34) 53–53 5300K (wheel slot 35) 54–54 5400K (wheel slot 36) 55–55 5500K (wheel slot 37) 56–56 5600K (wheel slot 38) 57–57 5700K (wheel slot 39) 58–58 5800K (wheel slot 40) 59–59 5900K (wheel slot 41) 60–60 6000K (wheel slot 42) 61–61 6100K (wheel slot 43) 62–62 6200K (wheel slot 44) 63–63 6300K (wheel slot 45) 64–64 6400K (wheel slot 46) 65–65 6500K (wheel slot 47) 66–66 6600K (wheel slot 48) 67–67 6700K (wheel slot 49) 68–68 6800K (wheel slot 50) 69–69 6900K (wheel slot 51) 70–70 7000K (wheel slot 52) 71–71 7100K (wheel slot 53) 72–72 7200K (wheel slot 54) 73–73 7300K (wheel slot 55) 74–74 7400K (wheel slot 56) 75–75 7500K (wheel slot 57) 76–76 7600K (wheel slot 58) 77–77 7700K (wheel slot 59) 78–78 7800K (wheel slot 60) 79–79 7900K (wheel slot 61) 80–80 8000K (wheel slot 62)

Extended 21CH (continued)

Ch	Function	Default	DMX values
17	Color Wheel Fine	0	Fine byte of Color Wheel
18	Color Effects1	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

Extended 21CH (continued)

Ch	Function	Default	DMX values
19	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 millenium 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) 45–46 lagoon blue (wheel slot 45) 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 No function (wheel slot 61) 180–201 Fast to slow CW 202–207 Stop 208–229 Slow to fast CCW

Extended 21CH (continued)

Ch	Function	Default	DMX values
20	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 122–122 0*1s 123–123 0*2s 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7s 129–129 0*8s 130–130 0*9s 131–132 1s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–149 Idle 150–154 DTW On 155–159 DTW Off 160–255 Idle
21	Control1	0	