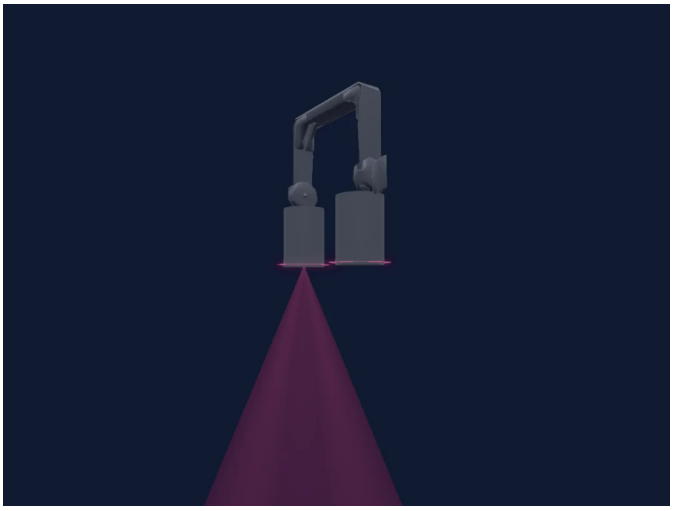
Elation

# SOL II Blinder



| | |
|---|---|
| Manufacturer | **Elation** |
| Type | **Blinder** |
| DMX modes | **18** |
| DMX footprint | **1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 16, 22, 25, 37 channels** |
| Beam angle | **46°** |
| Heads / cells | **2** |
| Size (W × H × D) | **420 × 236 × 210 mm** |
| GDTF fixture type | **02B49FE0-BA92-4735-9F0B-84…** |

## Controls

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

## Safety-relevant functions

Strobe

## DMX modes

| | |
|---|---|
| Dimmer 1CH | 1 ch |
| 2 Cell Dimmer 2CH | 2 ch |
| Dimmer and CCT 2CH | 2 ch |
| Dimmer/ Strobe/CCT 3CH | 3 ch |
| 2 Cell Dimmer /CCT 4CH | 4 ch |
| IRGB 4CH | 4 ch |
| 2 Cell Dimmer/ Strobe/CCT 5CH | 5 ch |
| Raw Color 6CH | 6 ch |
| Dim/CCT/Color Picker 7CH | 7 ch |
| 2 Cell  IRGB 8CH | 8 ch |
| 2 Cell Dimmer/CCT/Color Picker 10CH | 10 ch |
| 2 Cell Raw Color  12CH | 12 ch |
| CMY 16CH | 16 ch |
| RGB 16CH | 16 ch |
| Standard  22CH | 22 ch |
| CMY Extended 25CH | 25 ch |
| RGB Extended 25CH | 25 ch |
| Extended 37CH | 37 ch |

## Dimmer 1CH

1 channel

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent<br>63–126 25 percent<br>127–190 50 percent<br>191–254 75 percent<br>255–255 100 percent |

## 2 Cell Dimmer 2CH

2 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| 2 | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |

## Dimmer and CCT 2CH

2 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent<br>63–126 25 percent<br>127–190 50 percent<br>191–254 75 percent<br>255–255 100 percent |
| 2 | C TO | 0 | |

## Dimmer/ Strobe/CCT 3CH

3 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent<br>63–126 25 percent<br>127–190 50 percent<br>191–254 75 percent<br>255–255 100 percent |
| 2 | Shutter / Strobe | 50 | 0–31 Shutter Closed<br>32–63 No Function (Shutter Open)<br>64–95 Strobe Effect Slow to Fast<br>96–127 No Function (Shutter Open)<br>128–159 Pulse-Effect in Sequences<br>160–191 No Function (Shutter Open)<br>192–223 Random Strobe Effect Slow to Fast<br>224–255 No Function (Shutter Open) |
| 3 | C TO | 0 | |

## 2 Cell Dimmer /CCT 4CH

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|

### 2 Cell Dimmer /CCT 4CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| 2 | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |
| 3 | C TO | 0 | |
| 4 | C TO | 0 | |

## IRGB 4CH

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent<br>63–126 25 percent<br>127–190 50 percent<br>191–254 75 percent<br>255–255 100 percent |
| 2 | Red | 255 | 0–63 0%<br>64–127 25%<br>128–190 50%<br>191–254 75%<br>255–255 100% |
| 3 | Green | 255 | 0–63 0%<br>64–127 25%<br>128–190 50%<br>191–254 75%<br>255–255 100% |
| 4 | Blue | 255 | 0–63 0%<br>64–127 25%<br>128–190 50%<br>191–254 75%<br>255–255 100% |

## 2 Cell Dimmer/ Strobe/CCT 5CH

5 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| 2 | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |

### 2 Cell Dimmer/ Strobe/CCT 5CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 3 | Shutter / Strobe | 50 | 0–31 Shutter Closed<br>32–63 No Function (Shutter Open)<br>64–95 Strobe Effect Slow to Fast<br>96–127 No Function (Shutter Open)<br>128–159 Pulse-Effect in Sequences<br>160–191 No Function (Shutter Open)<br>192–223 Random Strobe Effect Slow to Fast<br>224–255 No Function (Shutter Open) |
| 4 | C TO | 0 | |
| 5 | C TO | 0 | |

## Raw Color 6CH

6 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 0 | 0–254 Red Min<br>255–255 Red Max |
| 2 | Green | 0 | 0–254 Green Min<br>255–255 Green Max |
| 3 | Blue | 0 | 0–254 Blue Min<br>255–255 Blue Max |
| 4 | Color Add GY | 0 | 0–254 Lime Min<br>255–255 Lime Max |
| 5 | Color Add RY | 0 | 0–254 Amber Min<br>255–255 Amber Max |
| 6 | White | 0 | 0–254 White Min<br>255–255 White Max |

## Dim/CCT/Color Picker 7CH

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent<br>63–126 25 percent<br>127–190 50 percent<br>191–254 75 percent<br>255–255 100 percent |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Shutter / Strobe | 50 | 0–31 Shutter Closed<br>32–63 No Function (Shutter Open)<br>64–95 Strobe Effect Slow to Fast<br>96–127 No Function (Shutter Open)<br>128–159 Pulse-Effect in Sequences<br>160–191 No Function (Shutter Open)<br>192–223 Random Strobe Effect Slow to Fast<br>224–255 No Function (Shutter Open) |
| 4 | C TO | 0 | |
| 5 | Tint | 0 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |

## Dim/CCT/Color Picker 7CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **6** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 LEE 007 - Pale Yellow (wheel slot 1)<br>2–2 LEE 103 - Straw (wheel slot 2)<br>3–3 LEE 151 - Gold Tint (wheel slot 3)<br>4–4 LEE 100 - Spring Yellow (wheel slot 4)<br>5–5 LEE 010 - Medium Yellow (wheel slot 5)<br>6–6 LEE 101 - Yellow (wheel slot 6)<br>7–7 LEE 104 - Deep Amber (wheel slot 7)<br>8–8 LEE 015 - Deep Straw (wheel slot 8)<br>9–9 LEE 179 - Chrome Orange (wheel slot 9)<br>10–10 LEE 021 - Gold Amber (wheel slot 10)<br>11–11 LEE 105 - Orange (wheel slot 11)<br>12–12 LEE 158 - Deep Orange (wheel slot 12)<br>13–13 LEE 022 - Dark Amber (wheel slot 13)<br>14–14 LEE 778 - Millenium Gold (wheel slot 14)<br>15–15 LEE 135 - Deep Gold Amber (wheel slot 15)<br>16–16 LEE 024 - Scarlet (wheel slot 16)<br>17–17 LEE 106 - Primary Red (wheel slot 17)<br>18–18 LEE 026 - Bright Red (wheel slot 18)<br>19–19 LEE 027 - Medium Red (wheel slot 19)<br>20–20 LEE 019 - Fire (wheel slot 20)<br>21–21 LEE 157 - Pink (wheel slot 21)<br>22–22 LEE 036 - Medium Pink (wheel slot 22)<br>23–23 LEE 111 - Dark Pink (wheel slot 23)<br>24–24 LEE 128 - Bright Pink (wheel slot 24)<br>25–25 LEE 148 - Bright Rose (wheel slot 25)<br>26–26 LEE 332 - Special Rose Pink (wheel slot 26)<br>27–27 LEE 793 - Vanity Fair (wheel slot 27)<br>28–28 LEE 113 - Magenta (wheel slot 28)<br>29–29 LEE 046 - Dark Magenta (wheel slot 29)<br>30–30 LEE 048 - Rose Purple (wheel slot 30)<br>31–31 LEE 126 - Mauve (wheel slot 31)<br>32–32 LEE 049 - Medium Purple (wheel slot 32)<br>33–33 LEE 058 - Lavender (wheel slot 33)<br>34–34 LEE 197 - Alice Blue (wheel slot 34)<br>35–35 LEE 119 - Dark Blue (wheel slot 35)<br>36–36 LEE 132 - Medium Blue (wheel slot 36)<br>37–37 LEE 120 - Deep Blue (wheel slot 37)<br>38–38 LEE 165 - Daylight Blue (wheel slot 38)<br>39–39 LEE 161 - Slate Blue (wheel slot 39)<br>40–40 LEE 118 - Light Blue (wheel slot 40)<br>41–41 LEE 068 - Sky Blue (wheel slot 41)<br>42–42 LEE 143 - Pale Navy Blue (wheel slot 42)<br>43–43 LEE 131 - Marine Blue (wheel slot 43)<br>44–44 LEE 115 - Peacock Blue (wheel slot 44)<br>45–45 LEE 172 - Lagoon Blue (wheel slot 45)<br>46–46 LEE 116 - Medium Blue Green (wheel slot 46)<br>47–47 LEE 090 - Dark Yellow Green (wheel slot 47)<br>48–48 LEE 139 - Primary Green (wheel slot 48)<br>49–49 LEE 122 - Fern Green (wheel slot 49)<br>50–50 LEE 089 - Moss Green (wheel slot 50)<br>51–51 LEE 124 - Dark Green (wheel slot 51)<br>52–52 LEE 088 - Lime Green (wheel slot 52)<br>53–53 LEE 138 - Pale Green (wheel slot 53)<br>54–54 LEE 203 - Quarter C T Blue (wheel slot 54)<br>55–55 LEE 202 - Half C T Blue (wheel slot 55)<br>56–56 LEE 201 - Full C T Blue (wheel slot 56)<br>57–57 LEE 200 - Double C T Blue (wheel slot 57)<br>58–58 LEE 206 - Quarter C T Orange (wheel slot 58)<br>59–59 LEE 205 - Half C T Orange (wheel slot 59)<br>60–60 LEE 204 - Full C T Orange (wheel slot 60)<br>61–179 Open (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### Dim/CCT/Color Picker 7CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 7 | Function | 0 | |

## 2 Cell IRGB 8CH

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| 2 | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |
| 3 | Red | 255 | 0–63 0% B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| 4 | Green | 255 | 0–63 0% B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| 5 | Blue | 255 | 0–63 0% B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| 6 | Red | 255 | 0–63 0% B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |
| 7 | Green | 255 | 0–63 0% B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |
| 8 | Blue | 255 | 0–63 0% B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |

## 2 Cell Dimmer/CCT/Color Picker 10CH

10 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |

## 2 Cell Dimmer/CCT/Color Picker 10CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **3** | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |
| **4** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **5** | Shutter / Strobe | 50 | 0–31 Shutter Closed<br>32–63 No Function (Shutter Open)<br>64–95 Strobe Effect Slow to Fast<br>96–127 No Function (Shutter Open)<br>128–159 Pulse-Effect in Sequences<br>160–191 No Function (Shutter Open)<br>192–223 Random Strobe Effect Slow to Fast<br>224–255 No Function (Shutter Open) |
| **6** | C TO | 0 | |
| **7** | C TO | 0 | |
| **8** | Tint | 0 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |

## 2 Cell Dimmer/CCT/Color Picker 10CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 9 | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 LEE 007 - Pale Yellow (wheel slot 1)<br>2–2 LEE 103 - Straw (wheel slot 2)<br>3–3 LEE 151 - Gold Tint (wheel slot 3)<br>4–4 LEE 100 - Spring Yellow (wheel slot 4)<br>5–5 LEE 010 - Medium Yellow (wheel slot 5)<br>6–6 LEE 101 - Yellow (wheel slot 6)<br>7–7 LEE 104 - Deep Amber (wheel slot 7)<br>8–8 LEE 015 - Deep Straw (wheel slot 8)<br>9–9 LEE 179 - Chrome Orange (wheel slot 9)<br>10–10 LEE 021 - Gold Amber (wheel slot 10)<br>11–11 LEE 105 - Orange (wheel slot 11)<br>12–12 LEE 158 - Deep Orange (wheel slot 12)<br>13–13 LEE 022 - Dark Amber (wheel slot 13)<br>14–14 LEE 778 - Millenium Gold (wheel slot 14)<br>15–15 LEE 135 - Deep Gold Amber (wheel slot 15)<br>16–16 LEE 024 - Scarlet (wheel slot 16)<br>17–17 LEE 106 - Primary Red (wheel slot 17)<br>18–18 LEE 026 - Bright Red (wheel slot 18)<br>19–19 LEE 027 - Medium Red (wheel slot 19)<br>20–20 LEE 019 - Fire (wheel slot 20)<br>21–21 LEE 157 - Pink (wheel slot 21)<br>22–22 LEE 036 - Medium Pink (wheel slot 22)<br>23–23 LEE 111 - Dark Pink (wheel slot 23)<br>24–24 LEE 128 - Bright Pink (wheel slot 24)<br>25–25 LEE 148 - Bright Rose (wheel slot 25)<br>26–26 LEE 332 - Special Rose Pink (wheel slot 26)<br>27–27 LEE 793 - Vanity Fair (wheel slot 27)<br>28–28 LEE 113 - Magenta (wheel slot 28)<br>29–29 LEE 046 - Dark Magenta (wheel slot 29)<br>30–30 LEE 048 - Rose Purple (wheel slot 30)<br>31–31 LEE 126 - Mauve (wheel slot 31)<br>32–32 LEE 049 - Medium Purple (wheel slot 32)<br>33–33 LEE 058 - Lavender (wheel slot 33)<br>34–34 LEE 197 - Alice Blue (wheel slot 34)<br>35–35 LEE 119 - Dark Blue (wheel slot 35)<br>36–36 LEE 132 - Medium Blue (wheel slot 36)<br>37–37 LEE 120 - Deep Blue (wheel slot 37)<br>38–38 LEE 165 - Daylight Blue (wheel slot 38)<br>39–39 LEE 161 - Slate Blue (wheel slot 39)<br>40–40 LEE 118 - Light Blue (wheel slot 40)<br>41–41 LEE 068 - Sky Blue (wheel slot 41)<br>42–42 LEE 143 - Pale Navy Blue (wheel slot 42)<br>43–43 LEE 131 - Marine Blue (wheel slot 43)<br>44–44 LEE 115 - Peacock Blue (wheel slot 44)<br>45–45 LEE 172 - Lagoon Blue (wheel slot 45)<br>46–46 LEE 116 - Medium Blue Green (wheel slot 46)<br>47–47 LEE 090 - Dark Yellow Green (wheel slot 47)<br>48–48 LEE 139 - Primary Green (wheel slot 48)<br>49–49 LEE 122 - Fern Green (wheel slot 49)<br>50–50 LEE 089 - Moss Green (wheel slot 50)<br>51–51 LEE 124 - Dark Green (wheel slot 51)<br>52–52 LEE 088 - Lime Green (wheel slot 52)<br>53–53 LEE 138 - Pale Green (wheel slot 53)<br>54–54 LEE 203 - Quarter C T Blue (wheel slot 54)<br>55–55 LEE 202 - Half C T Blue (wheel slot 55)<br>56–56 LEE 201 - Full C T Blue (wheel slot 56)<br>57–57 LEE 200 - Double C T Blue (wheel slot 57)<br>58–58 LEE 206 - Quarter C T Orange (wheel slot 58)<br>59–59 LEE 205 - Half C T Orange (wheel slot 59)<br>60–60 LEE 204 - Full C T Orange (wheel slot 60)<br>61–179 Open (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### 2 Cell Dimmer/CCT/Color Picker 10CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 10 | Function | 0 | |

## 2 Cell Raw Color 12CH

12 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 0 | 0–254 Red Min 1<br>255–255 Red Max 1 |
| 2 | Green | 0 | 0–254 Green Min 1<br>255–255 Green Max 1 |
| 3 | Blue | 0 | 0–254 Blue Min 1<br>255–255 Blue Max 1 |
| 4 | Color Add GY | 0 | 0–254 Lime Min 1<br>255–255 Lime Max 1 |
| 5 | Color Add RY | 0 | 0–254 Amber Min 1<br>255–255 Amber Max 1 |
| 6 | White | 0 | 0–254 White Min 1<br>255–255 White Max 1 |
| 7 | Red | 0 | 0–254 Red Min 2<br>255–255 Red Max 2 |
| 8 | Green | 0 | 0–254 Green Min 2<br>255–255 Green Max 2 |
| 9 | Blue | 0 | 0–254 Blue Min 2<br>255–255 Blue Max 2 |
| 10 | Color Add GY | 0 | 0–254 Lime Min 2<br>255–255 Lime Max 2 |
| 11 | Color Add RY | 0 | 0–254 Amber Min 2<br>255–255 Amber Max 2 |
| 12 | White | 0 | 0–254 White Min 2<br>255–255 White Max 2 |

## CMY 16CH

16 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |
| 4 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 5 | Shutter / Strobe | 50 | 0–31 Shutter Closed<br>32–63 No Function (Shutter Open)<br>64–95 Strobe Effect Slow to Fast<br>96–127 No Function (Shutter Open)<br>128–159 Pulse-Effect in Sequences<br>160–191 No Function (Shutter Open)<br>192–223 Random Strobe Effect Slow to Fast<br>224–255 No Function (Shutter Open) |

## CMY 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **6** | Cyan | 0 | 0–63 0 % B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| **7** | Magenta | 0 | 0–63 0 % B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100 % B1 |
| **8** | Yellow | 0 | 0–63 0% B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| **9** | Cyan | 0 | 0–63 0 % B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |
| **10** | Magenta | 0 | 0–63 0 % B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100 % B2 |
| **11** | Yellow | 0 | 0–63 0% B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |

## CMY 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 12 | Color Wheel | 0 | 0–17 Open 1 (wheel slot 1)<br>18–18 1800K B1 (wheel slot 4)<br>19–19 1900K B1 (wheel slot 5)<br>20–20 2000K B1 (wheel slot 6)<br>21–21 2100K B1 (wheel slot 7)<br>22–22 2200K B1 (wheel slot 8)<br>23–23 2300K B1 (wheel slot 9)<br>24–24 2400 B1 (wheel slot 10)<br>25–25 2500 B1 (wheel slot 11)<br>26–26 2600 B1 (wheel slot 12)<br>27–27 2700 B1 (wheel slot 13)<br>28–28 2800 B1 (wheel slot 14)<br>29–29 2900 B1 (wheel slot 15)<br>30–30 3000 B1 (wheel slot 16)<br>31–31 3100 B1 (wheel slot 17)<br>32–32 3200 B1 (wheel slot 18)<br>33–33 3300 B1 (wheel slot 19)<br>34–34 3400 B1 (wheel slot 20)<br>35–35 3500 B1 (wheel slot 21)<br>36–36 3600 B1 (wheel slot 22)<br>37–37 3700 B1 (wheel slot 23)<br>38–38 3800 B1 (wheel slot 24)<br>39–39 3900 B1 (wheel slot 25)<br>40–40 4000 B1 (wheel slot 26)<br>41–41 4100 B1 (wheel slot 27)<br>42–42 4200 B1 (wheel slot 28)<br>43–43 4300 B1 (wheel slot 29)<br>44–44 4400 B1 (wheel slot 30)<br>45–45 4500 B1 (wheel slot 31)<br>46–46 4600 B1 (wheel slot 32)<br>47–47 4700 B1 (wheel slot 33)<br>48–48 4800 B1 (wheel slot 34)<br>49–49 4900 B1 (wheel slot 35)<br>50–50 5000 B1 (wheel slot 36)<br>51–51 5100 B1 (wheel slot 37)<br>52–52 5200 B1 (wheel slot 38)<br>53–53 5300 B1 (wheel slot 39)<br>54–54 5400 B1 (wheel slot 40)<br>55–55 5500 B1 (wheel slot 41)<br>56–56 5600 B1 (wheel slot 42)<br>57–57 5700 B1 (wheel slot 43)<br>58–58 5800 B1 (wheel slot 44)<br>59–59 5900 B1 (wheel slot 45)<br>60–60 6000 B1 (wheel slot 46)<br>61–61 6100 B1 (wheel slot 47)<br>62–62 6200 B1 (wheel slot 48)<br>63–63 6300 B1 (wheel slot 49)<br>64–64 6400 B1 (wheel slot 50)<br>65–65 6500 B1 (wheel slot 51)<br>66–66 6600 B1 (wheel slot 52)<br>67–67 6700 B1 (wheel slot 53)<br>68–68 6800 B1 (wheel slot 54)<br>69–69 6900 B1 (wheel slot 55)<br>70–70 7000 B1 (wheel slot 56)<br>71–71 7100 B1 (wheel slot 57)<br>72–72 7200 B1 (wheel slot 58)<br>73–73 7300 B1 (wheel slot 59)<br>74–74 7400 B1 (wheel slot 60)<br>75–75 7500 B1 (wheel slot 61)<br>76–76 7600 B1 (wheel slot 62)<br>77–77 7700 B1 (wheel slot 63)<br>78–78 7800 B1 (wheel slot 64)<br>79–79 7900 B1 (wheel slot 65)<br>80–80 8000 B1 (wheel slot 66) |

## CMY 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | Color Wheel | 0 | 0–17 Open 2 (wheel slot 1)<br>18–18 1800K B2 (wheel slot 4)<br>19–19 1900K B2 (wheel slot 5)<br>20–20 2000K B2 (wheel slot 6)<br>21–21 2100K B2 (wheel slot 7)<br>22–22 2200K B2 (wheel slot 8)<br>23–23 2300K B2 (wheel slot 9)<br>24–24 2400 B2 (wheel slot 10)<br>25–25 2500 B2 (wheel slot 11)<br>26–26 2600 B2 (wheel slot 12)<br>27–27 2700 B2 (wheel slot 13)<br>28–28 2800 B2 (wheel slot 14)<br>29–29 2900 B2 (wheel slot 15)<br>30–30 3000 B2 (wheel slot 16)<br>31–31 3100 B2 (wheel slot 17)<br>32–32 3200 B2 (wheel slot 18)<br>33–33 3300 B2 (wheel slot 19)<br>34–34 3400 B2 (wheel slot 20)<br>35–35 3500 B2 (wheel slot 21)<br>36–36 3600 B2 (wheel slot 22)<br>37–37 3700 B2 (wheel slot 23)<br>38–38 3800 B2 (wheel slot 24)<br>39–39 3900 B2 (wheel slot 25)<br>40–40 4000 B2 (wheel slot 26)<br>41–41 4100 B2 (wheel slot 27)<br>42–42 4200 B2 (wheel slot 28)<br>43–43 4300 B2 (wheel slot 29)<br>44–44 4400 B2 (wheel slot 30)<br>45–45 4500 B2 (wheel slot 31)<br>46–46 4600 B2 (wheel slot 32)<br>47–47 4700 B2 (wheel slot 33)<br>48–48 4800 B2 (wheel slot 34)<br>49–49 4900 B2 (wheel slot 35)<br>50–50 5000 B2 (wheel slot 36)<br>51–51 5100 B2 (wheel slot 37)<br>52–52 5200 B2 (wheel slot 38)<br>53–53 5300 B2 (wheel slot 39)<br>54–54 5400 B2 (wheel slot 40)<br>55–55 5500 B2 (wheel slot 41)<br>56–56 5600 B2 (wheel slot 42)<br>57–57 5700 B2 (wheel slot 43)<br>58–58 5800 B2 (wheel slot 44)<br>59–59 5900 B2 (wheel slot 45)<br>60–60 6000 B2 (wheel slot 46)<br>61–61 6100 B2 (wheel slot 47)<br>62–62 6200 B2 (wheel slot 48)<br>63–63 6300 B2 (wheel slot 49)<br>64–64 6400 B2 (wheel slot 50)<br>65–65 6500 B2 (wheel slot 51)<br>66–66 6600 B2 (wheel slot 52)<br>67–67 6700 B2 (wheel slot 53)<br>68–68 6800 B2 (wheel slot 54)<br>69–69 6900 B2 (wheel slot 55)<br>70–70 7000 B2 (wheel slot 56)<br>71–71 7100 B2 (wheel slot 57)<br>72–72 7200 B2 (wheel slot 58)<br>73–73 7300 B2 (wheel slot 59)<br>74–74 7400 B2 (wheel slot 60)<br>75–75 7500 B2 (wheel slot 61)<br>76–76 7600 B2 (wheel slot 62)<br>77–77 7700 B2 (wheel slot 63)<br>78–78 7800 B2 (wheel slot 64)<br>79–79 7900 B2 (wheel slot 65)<br>80–80 8000 B2 (wheel slot 66) |

## CMY 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **14** | Tint | 0 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |

## CMY 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **15** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 LEE 007 - Pale Yellow (wheel slot 1)<br>2–2 LEE 103 - Straw (wheel slot 2)<br>3–3 LEE 151 - Gold Tint (wheel slot 3)<br>4–4 LEE 100 - Spring Yellow (wheel slot 4)<br>5–5 LEE 010 - Medium Yellow (wheel slot 5)<br>6–6 LEE 101 - Yellow (wheel slot 6)<br>7–7 LEE 104 - Deep Amber (wheel slot 7)<br>8–8 LEE 015 - Deep Straw (wheel slot 8)<br>9–9 LEE 179 - Chrome Orange (wheel slot 9)<br>10–10 LEE 021 - Gold Amber (wheel slot 10)<br>11–11 LEE 105 - Orange (wheel slot 11)<br>12–12 LEE 158 - Deep Orange (wheel slot 12)<br>13–13 LEE 022 - Dark Amber (wheel slot 13)<br>14–14 LEE 778 - Millenium Gold (wheel slot 14)<br>15–15 LEE 135 - Deep Gold Amber (wheel slot 15)<br>16–16 LEE 024 - Scarlet (wheel slot 16)<br>17–17 LEE 106 - Primary Red (wheel slot 17)<br>18–18 LEE 026 - Bright Red (wheel slot 18)<br>19–19 LEE 027 - Medium Red (wheel slot 19)<br>20–20 LEE 019 - Fire (wheel slot 20)<br>21–21 LEE 157 - Pink (wheel slot 21)<br>22–22 LEE 036 - Medium Pink (wheel slot 22)<br>23–23 LEE 111 - Dark Pink (wheel slot 23)<br>24–24 LEE 128 - Bright Pink (wheel slot 24)<br>25–25 LEE 148 - Bright Rose (wheel slot 25)<br>26–26 LEE 332 - Special Rose Pink (wheel slot 26)<br>27–27 LEE 793 - Vanity Fair (wheel slot 27)<br>28–28 LEE 113 - Magenta (wheel slot 28)<br>29–29 LEE 046 - Dark Magenta (wheel slot 29)<br>30–30 LEE 048 - Rose Purple (wheel slot 30)<br>31–31 LEE 126 - Mauve (wheel slot 31)<br>32–32 LEE 049 - Medium Purple (wheel slot 32)<br>33–33 LEE 058 - Lavender (wheel slot 33)<br>34–34 LEE 197 - Alice Blue (wheel slot 34)<br>35–35 LEE 119 - Dark Blue (wheel slot 35)<br>36–36 LEE 132 - Medium Blue (wheel slot 36)<br>37–37 LEE 120 - Deep Blue (wheel slot 37)<br>38–38 LEE 165 - Daylight Blue (wheel slot 38)<br>39–39 LEE 161 - Slate Blue (wheel slot 39)<br>40–40 LEE 118 - Light Blue (wheel slot 40)<br>41–41 LEE 068 - Sky Blue (wheel slot 41)<br>42–42 LEE 143 - Pale Navy Blue (wheel slot 42)<br>43–43 LEE 131 - Marine Blue (wheel slot 43)<br>44–44 LEE 115 - Peacock Blue (wheel slot 44)<br>45–45 LEE 172 - Lagoon Blue (wheel slot 45)<br>46–46 LEE 116 - Medium Blue Green (wheel slot 46)<br>47–47 LEE 090 - Dark Yellow Green (wheel slot 47)<br>48–48 LEE 139 - Primary Green (wheel slot 48)<br>49–49 LEE 122 - Fern Green (wheel slot 49)<br>50–50 LEE 089 - Moss Green (wheel slot 50)<br>51–51 LEE 124 - Dark Green (wheel slot 51)<br>52–52 LEE 088 - Lime Green (wheel slot 52)<br>53–53 LEE 138 - Pale Green (wheel slot 53)<br>54–54 LEE 203 - Quarter C T Blue (wheel slot 54)<br>55–55 LEE 202 - Half C T Blue (wheel slot 55)<br>56–56 LEE 201 - Full C T Blue (wheel slot 56)<br>57–57 LEE 200 - Double C T Blue (wheel slot 57)<br>58–58 LEE 206 - Quarter C T Orange (wheel slot 58)<br>59–59 LEE 205 - Half C T Orange (wheel slot 59)<br>60–60 LEE 204 - Full C T Orange (wheel slot 60)<br>61–179 Open (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### CMY 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 16 | Function | 0 | |

## RGB 16CH

16 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |
| 4 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 5 | Shutter / Strobe | 50 | 0–31 Shutter Closed<br>32–63 No Function (Shutter Open)<br>64–95 Strobe Effect Slow to Fast<br>96–127 No Function (Shutter Open)<br>128–159 Pulse-Effect in Sequences<br>160–191 No Function (Shutter Open)<br>192–223 Random Strobe Effect Slow to Fast<br>224–255 No Function (Shutter Open) |
| 6 | Red | 0 | 0–63 0 % B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| 7 | Green | 0 | 0–63 0 % B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100 % B1 |
| 8 | Blue | 0 | 0–63 0% B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| 9 | Red | 0 | 0–63 0 % B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |
| 10 | Green | 0 | 0–63 0 % B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100 % B2 |
| 11 | Blue | 0 | 0–63 0% B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |

## RGB 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 12 | Color Wheel | 0 | 0–17 Open 1 (wheel slot 1)<br>18–18 1800K B1 (wheel slot 4)<br>19–19 1900K B1 (wheel slot 5)<br>20–20 2000K B1 (wheel slot 6)<br>21–21 2100K B1 (wheel slot 7)<br>22–22 2200K B1 (wheel slot 8)<br>23–23 2300K B1 (wheel slot 9)<br>24–24 2400 B1 (wheel slot 10)<br>25–25 2500 B1 (wheel slot 11)<br>26–26 2600 B1 (wheel slot 12)<br>27–27 2700 B1 (wheel slot 13)<br>28–28 2800 B1 (wheel slot 14)<br>29–29 2900 B1 (wheel slot 15)<br>30–30 3000 B1 (wheel slot 16)<br>31–31 3100 B1 (wheel slot 17)<br>32–32 3200 B1 (wheel slot 18)<br>33–33 3300 B1 (wheel slot 19)<br>34–34 3400 B1 (wheel slot 20)<br>35–35 3500 B1 (wheel slot 21)<br>36–36 3600 B1 (wheel slot 22)<br>37–37 3700 B1 (wheel slot 23)<br>38–38 3800 B1 (wheel slot 24)<br>39–39 3900 B1 (wheel slot 25)<br>40–40 4000 B1 (wheel slot 26)<br>41–41 4100 B1 (wheel slot 27)<br>42–42 4200 B1 (wheel slot 28)<br>43–43 4300 B1 (wheel slot 29)<br>44–44 4400 B1 (wheel slot 30)<br>45–45 4500 B1 (wheel slot 31)<br>46–46 4600 B1 (wheel slot 32)<br>47–47 4700 B1 (wheel slot 33)<br>48–48 4800 B1 (wheel slot 34)<br>49–49 4900 B1 (wheel slot 35)<br>50–50 5000 B1 (wheel slot 36)<br>51–51 5100 B1 (wheel slot 37)<br>52–52 5200 B1 (wheel slot 38)<br>53–53 5300 B1 (wheel slot 39)<br>54–54 5400 B1 (wheel slot 40)<br>55–55 5500 B1 (wheel slot 41)<br>56–56 5600 B1 (wheel slot 42)<br>57–57 5700 B1 (wheel slot 43)<br>58–58 5800 B1 (wheel slot 44)<br>59–59 5900 B1 (wheel slot 45)<br>60–60 6000 B1 (wheel slot 46)<br>61–61 6100 B1 (wheel slot 47)<br>62–62 6200 B1 (wheel slot 48)<br>63–63 6300 B1 (wheel slot 49)<br>64–64 6400 B1 (wheel slot 50)<br>65–65 6500 B1 (wheel slot 51)<br>66–66 6600 B1 (wheel slot 52)<br>67–67 6700 B1 (wheel slot 53)<br>68–68 6800 B1 (wheel slot 54)<br>69–69 6900 B1 (wheel slot 55)<br>70–70 7000 B1 (wheel slot 56)<br>71–71 7100 B1 (wheel slot 57)<br>72–72 7200 B1 (wheel slot 58)<br>73–73 7300 B1 (wheel slot 59)<br>74–74 7400 B1 (wheel slot 60)<br>75–75 7500 B1 (wheel slot 61)<br>76–76 7600 B1 (wheel slot 62)<br>77–77 7700 B1 (wheel slot 63)<br>78–78 7800 B1 (wheel slot 64)<br>79–79 7900 B1 (wheel slot 65)<br>80–80 8000 B1 (wheel slot 66) |

## RGB 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | Color Wheel | 0 | 0–17 Open 2 (wheel slot 1)<br>18–18 1800K B2 (wheel slot 4)<br>19–19 1900K B2 (wheel slot 5)<br>20–20 2000K B2 (wheel slot 6)<br>21–21 2100K B2 (wheel slot 7)<br>22–22 2200K B2 (wheel slot 8)<br>23–23 2300K B2 (wheel slot 9)<br>24–24 2400 B2 (wheel slot 10)<br>25–25 2500 B2 (wheel slot 11)<br>26–26 2600 B2 (wheel slot 12)<br>27–27 2700 B2 (wheel slot 13)<br>28–28 2800 B2 (wheel slot 14)<br>29–29 2900 B2 (wheel slot 15)<br>30–30 3000 B2 (wheel slot 16)<br>31–31 3100 B2 (wheel slot 17)<br>32–32 3200 B2 (wheel slot 18)<br>33–33 3300 B2 (wheel slot 19)<br>34–34 3400 B2 (wheel slot 20)<br>35–35 3500 B2 (wheel slot 21)<br>36–36 3600 B2 (wheel slot 22)<br>37–37 3700 B2 (wheel slot 23)<br>38–38 3800 B2 (wheel slot 24)<br>39–39 3900 B2 (wheel slot 25)<br>40–40 4000 B2 (wheel slot 26)<br>41–41 4100 B2 (wheel slot 27)<br>42–42 4200 B2 (wheel slot 28)<br>43–43 4300 B2 (wheel slot 29)<br>44–44 4400 B2 (wheel slot 30)<br>45–45 4500 B2 (wheel slot 31)<br>46–46 4600 B2 (wheel slot 32)<br>47–47 4700 B2 (wheel slot 33)<br>48–48 4800 B2 (wheel slot 34)<br>49–49 4900 B2 (wheel slot 35)<br>50–50 5000 B2 (wheel slot 36)<br>51–51 5100 B2 (wheel slot 37)<br>52–52 5200 B2 (wheel slot 38)<br>53–53 5300 B2 (wheel slot 39)<br>54–54 5400 B2 (wheel slot 40)<br>55–55 5500 B2 (wheel slot 41)<br>56–56 5600 B2 (wheel slot 42)<br>57–57 5700 B2 (wheel slot 43)<br>58–58 5800 B2 (wheel slot 44)<br>59–59 5900 B2 (wheel slot 45)<br>60–60 6000 B2 (wheel slot 46)<br>61–61 6100 B2 (wheel slot 47)<br>62–62 6200 B2 (wheel slot 48)<br>63–63 6300 B2 (wheel slot 49)<br>64–64 6400 B2 (wheel slot 50)<br>65–65 6500 B2 (wheel slot 51)<br>66–66 6600 B2 (wheel slot 52)<br>67–67 6700 B2 (wheel slot 53)<br>68–68 6800 B2 (wheel slot 54)<br>69–69 6900 B2 (wheel slot 55)<br>70–70 7000 B2 (wheel slot 56)<br>71–71 7100 B2 (wheel slot 57)<br>72–72 7200 B2 (wheel slot 58)<br>73–73 7300 B2 (wheel slot 59)<br>74–74 7400 B2 (wheel slot 60)<br>75–75 7500 B2 (wheel slot 61)<br>76–76 7600 B2 (wheel slot 62)<br>77–77 7700 B2 (wheel slot 63)<br>78–78 7800 B2 (wheel slot 64)<br>79–79 7900 B2 (wheel slot 65)<br>80–80 8000 B2 (wheel slot 66) |

## RGB 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **14** | Tint | 0 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |

## RGB 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **15** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 LEE 007 - Pale Yellow (wheel slot 1)<br>2–2 LEE 103 - Straw (wheel slot 2)<br>3–3 LEE 151 - Gold Tint (wheel slot 3)<br>4–4 LEE 100 - Spring Yellow (wheel slot 4)<br>5–5 LEE 010 - Medium Yellow (wheel slot 5)<br>6–6 LEE 101 - Yellow (wheel slot 6)<br>7–7 LEE 104 - Deep Amber (wheel slot 7)<br>8–8 LEE 015 - Deep Straw (wheel slot 8)<br>9–9 LEE 179 - Chrome Orange (wheel slot 9)<br>10–10 LEE 021 - Gold Amber (wheel slot 10)<br>11–11 LEE 105 - Orange (wheel slot 11)<br>12–12 LEE 158 - Deep Orange (wheel slot 12)<br>13–13 LEE 022 - Dark Amber (wheel slot 13)<br>14–14 LEE 778 - Millenium Gold (wheel slot 14)<br>15–15 LEE 135 - Deep Gold Amber (wheel slot 15)<br>16–16 LEE 024 - Scarlet (wheel slot 16)<br>17–17 LEE 106 - Primary Red (wheel slot 17)<br>18–18 LEE 026 - Bright Red (wheel slot 18)<br>19–19 LEE 027 - Medium Red (wheel slot 19)<br>20–20 LEE 019 - Fire (wheel slot 20)<br>21–21 LEE 157 - Pink (wheel slot 21)<br>22–22 LEE 036 - Medium Pink (wheel slot 22)<br>23–23 LEE 111 - Dark Pink (wheel slot 23)<br>24–24 LEE 128 - Bright Pink (wheel slot 24)<br>25–25 LEE 148 - Bright Rose (wheel slot 25)<br>26–26 LEE 332 - Special Rose Pink (wheel slot 26)<br>27–27 LEE 793 - Vanity Fair (wheel slot 27)<br>28–28 LEE 113 - Magenta (wheel slot 28)<br>29–29 LEE 046 - Dark Magenta (wheel slot 29)<br>30–30 LEE 048 - Rose Purple (wheel slot 30)<br>31–31 LEE 126 - Mauve (wheel slot 31)<br>32–32 LEE 049 - Medium Purple (wheel slot 32)<br>33–33 LEE 058 - Lavender (wheel slot 33)<br>34–34 LEE 197 - Alice Blue (wheel slot 34)<br>35–35 LEE 119 - Dark Blue (wheel slot 35)<br>36–36 LEE 132 - Medium Blue (wheel slot 36)<br>37–37 LEE 120 - Deep Blue (wheel slot 37)<br>38–38 LEE 165 - Daylight Blue (wheel slot 38)<br>39–39 LEE 161 - Slate Blue (wheel slot 39)<br>40–40 LEE 118 - Light Blue (wheel slot 40)<br>41–41 LEE 068 - Sky Blue (wheel slot 41)<br>42–42 LEE 143 - Pale Navy Blue (wheel slot 42)<br>43–43 LEE 131 - Marine Blue (wheel slot 43)<br>44–44 LEE 115 - Peacock Blue (wheel slot 44)<br>45–45 LEE 172 - Lagoon Blue (wheel slot 45)<br>46–46 LEE 116 - Medium Blue Green (wheel slot 46)<br>47–47 LEE 090 - Dark Yellow Green (wheel slot 47)<br>48–48 LEE 139 - Primary Green (wheel slot 48)<br>49–49 LEE 122 - Fern Green (wheel slot 49)<br>50–50 LEE 089 - Moss Green (wheel slot 50)<br>51–51 LEE 124 - Dark Green (wheel slot 51)<br>52–52 LEE 088 - Lime Green (wheel slot 52)<br>53–53 LEE 138 - Pale Green (wheel slot 53)<br>54–54 LEE 203 - Quarter C T Blue (wheel slot 54)<br>55–55 LEE 202 - Half C T Blue (wheel slot 55)<br>56–56 LEE 201 - Full C T Blue (wheel slot 56)<br>57–57 LEE 200 - Double C T Blue (wheel slot 57)<br>58–58 LEE 206 - Quarter C T Orange (wheel slot 58)<br>59–59 LEE 205 - Half C T Orange (wheel slot 59)<br>60–60 LEE 204 - Full C T Orange (wheel slot 60)<br>61–179 Open (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### RGB 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 16 | Function | 0 | |

## Standard 22CH

22 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |
| 4 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 5 | Shutter / Strobe | 50 | 0–31 Shutter Closed<br>32–63 No Function (Shutter Open)<br>64–95 Strobe Effect Slow to Fast<br>96–127 No Function (Shutter Open)<br>128–159 Pulse-Effect in Sequences<br>160–191 No Function (Shutter Open)<br>192–223 Random Strobe Effect Slow to Fast<br>224–255 No Function (Shutter Open) |
| 6 | Red | 0 | 0–254 Red Min 1<br>255–255 Red Max 1 |
| 7 | Green | 0 | 0–254 Green Min 1<br>255–255 Green Max 1 |
| 8 | Blue | 0 | 0–254 Blue Min 1<br>255–255 Blue Max 1 |
| 9 | Color Add GY | 0 | 0–254 Lime Min 1<br>255–255 Lime Max 1 |
| 10 | Color Add RY | 0 | 0–254 Amber Min 1<br>255–255 Amber Max 1 |
| 11 | White | 0 | 0–254 White Min 1<br>255–255 White Max 1 |
| 12 | Red | 0 | 0–254 Red Min 2<br>255–255 Red Max 2 |
| 13 | Green | 0 | 0–254 Green Min 2<br>255–255 Green Max 2 |
| 14 | Blue | 0 | 0–254 Blue Min 2<br>255–255 Blue Max 2 |
| 15 | Color Add GY | 0 | 0–254 Lime Min 2<br>255–255 Lime Max 2 |
| 16 | Color Add RY | 0 | 0–254 Amber Min 2<br>255–255 Amber Max 2 |
| 17 | White | 0 | 0–254 White Min 2<br>255–255 White Max 2 |

## Standard 22CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **18** | Color Wheel | 0 | 0–17 Open 1 (wheel slot 1)<br>18–18 1800K B1 (wheel slot 4)<br>19–19 1900K B1 (wheel slot 5)<br>20–20 2000K B1 (wheel slot 6)<br>21–21 2100K B1 (wheel slot 7)<br>22–22 2200K B1 (wheel slot 8)<br>23–23 2300K B1 (wheel slot 9)<br>24–24 2400 B1 (wheel slot 10)<br>25–25 2500 B1 (wheel slot 11)<br>26–26 2600 B1 (wheel slot 12)<br>27–27 2700 B1 (wheel slot 13)<br>28–28 2800 B1 (wheel slot 14)<br>29–29 2900 B1 (wheel slot 15)<br>30–30 3000 B1 (wheel slot 16)<br>31–31 3100 B1 (wheel slot 17)<br>32–32 3200 B1 (wheel slot 18)<br>33–33 3300 B1 (wheel slot 19)<br>34–34 3400 B1 (wheel slot 20)<br>35–35 3500 B1 (wheel slot 21)<br>36–36 3600 B1 (wheel slot 22)<br>37–37 3700 B1 (wheel slot 23)<br>38–38 3800 B1 (wheel slot 24)<br>39–39 3900 B1 (wheel slot 25)<br>40–40 4000 B1 (wheel slot 26)<br>41–41 4100 B1 (wheel slot 27)<br>42–42 4200 B1 (wheel slot 28)<br>43–43 4300 B1 (wheel slot 29)<br>44–44 4400 B1 (wheel slot 30)<br>45–45 4500 B1 (wheel slot 31)<br>46–46 4600 B1 (wheel slot 32)<br>47–47 4700 B1 (wheel slot 33)<br>48–48 4800 B1 (wheel slot 34)<br>49–49 4900 B1 (wheel slot 35)<br>50–50 5000 B1 (wheel slot 36)<br>51–51 5100 B1 (wheel slot 37)<br>52–52 5200 B1 (wheel slot 38)<br>53–53 5300 B1 (wheel slot 39)<br>54–54 5400 B1 (wheel slot 40)<br>55–55 5500 B1 (wheel slot 41)<br>56–56 5600 B1 (wheel slot 42)<br>57–57 5700 B1 (wheel slot 43)<br>58–58 5800 B1 (wheel slot 44)<br>59–59 5900 B1 (wheel slot 45)<br>60–60 6000 B1 (wheel slot 46)<br>61–61 6100 B1 (wheel slot 47)<br>62–62 6200 B1 (wheel slot 48)<br>63–63 6300 B1 (wheel slot 49)<br>64–64 6400 B1 (wheel slot 50)<br>65–65 6500 B1 (wheel slot 51)<br>66–66 6600 B1 (wheel slot 52)<br>67–67 6700 B1 (wheel slot 53)<br>68–68 6800 B1 (wheel slot 54)<br>69–69 6900 B1 (wheel slot 55)<br>70–70 7000 B1 (wheel slot 56)<br>71–71 7100 B1 (wheel slot 57)<br>72–72 7200 B1 (wheel slot 58)<br>73–73 7300 B1 (wheel slot 59)<br>74–74 7400 B1 (wheel slot 60)<br>75–75 7500 B1 (wheel slot 61)<br>76–76 7600 B1 (wheel slot 62)<br>77–77 7700 B1 (wheel slot 63)<br>78–78 7800 B1 (wheel slot 64)<br>79–79 7900 B1 (wheel slot 65)<br>80–80 8000 B1 (wheel slot 66) |

## Standard 22CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **19** | Color Wheel | 0 | 0–17 Open 2 (wheel slot 1)<br>18–18 1800K B2 (wheel slot 4)<br>19–19 1900K B2 (wheel slot 5)<br>20–20 2000K B2 (wheel slot 6)<br>21–21 2100K B2 (wheel slot 7)<br>22–22 2200K B2 (wheel slot 8)<br>23–23 2300K B2 (wheel slot 9)<br>24–24 2400 B2 (wheel slot 10)<br>25–25 2500 B2 (wheel slot 11)<br>26–26 2600 B2 (wheel slot 12)<br>27–27 2700 B2 (wheel slot 13)<br>28–28 2800 B2 (wheel slot 14)<br>29–29 2900 B2 (wheel slot 15)<br>30–30 3000 B2 (wheel slot 16)<br>31–31 3100 B2 (wheel slot 17)<br>32–32 3200 B2 (wheel slot 18)<br>33–33 3300 B2 (wheel slot 19)<br>34–34 3400 B2 (wheel slot 20)<br>35–35 3500 B2 (wheel slot 21)<br>36–36 3600 B2 (wheel slot 22)<br>37–37 3700 B2 (wheel slot 23)<br>38–38 3800 B2 (wheel slot 24)<br>39–39 3900 B2 (wheel slot 25)<br>40–40 4000 B2 (wheel slot 26)<br>41–41 4100 B2 (wheel slot 27)<br>42–42 4200 B2 (wheel slot 28)<br>43–43 4300 B2 (wheel slot 29)<br>44–44 4400 B2 (wheel slot 30)<br>45–45 4500 B2 (wheel slot 31)<br>46–46 4600 B2 (wheel slot 32)<br>47–47 4700 B2 (wheel slot 33)<br>48–48 4800 B2 (wheel slot 34)<br>49–49 4900 B2 (wheel slot 35)<br>50–50 5000 B2 (wheel slot 36)<br>51–51 5100 B2 (wheel slot 37)<br>52–52 5200 B2 (wheel slot 38)<br>53–53 5300 B2 (wheel slot 39)<br>54–54 5400 B2 (wheel slot 40)<br>55–55 5500 B2 (wheel slot 41)<br>56–56 5600 B2 (wheel slot 42)<br>57–57 5700 B2 (wheel slot 43)<br>58–58 5800 B2 (wheel slot 44)<br>59–59 5900 B2 (wheel slot 45)<br>60–60 6000 B2 (wheel slot 46)<br>61–61 6100 B2 (wheel slot 47)<br>62–62 6200 B2 (wheel slot 48)<br>63–63 6300 B2 (wheel slot 49)<br>64–64 6400 B2 (wheel slot 50)<br>65–65 6500 B2 (wheel slot 51)<br>66–66 6600 B2 (wheel slot 52)<br>67–67 6700 B2 (wheel slot 53)<br>68–68 6800 B2 (wheel slot 54)<br>69–69 6900 B2 (wheel slot 55)<br>70–70 7000 B2 (wheel slot 56)<br>71–71 7100 B2 (wheel slot 57)<br>72–72 7200 B2 (wheel slot 58)<br>73–73 7300 B2 (wheel slot 59)<br>74–74 7400 B2 (wheel slot 60)<br>75–75 7500 B2 (wheel slot 61)<br>76–76 7600 B2 (wheel slot 62)<br>77–77 7700 B2 (wheel slot 63)<br>78–78 7800 B2 (wheel slot 64)<br>79–79 7900 B2 (wheel slot 65)<br>80–80 8000 B2 (wheel slot 66) |

## Standard 22CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **20** | Tint | 0 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |

## Standard 22CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **21** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 LEE 007 - Pale Yellow (wheel slot 1)<br>2–2 LEE 103 - Straw (wheel slot 2)<br>3–3 LEE 151 - Gold Tint (wheel slot 3)<br>4–4 LEE 100 - Spring Yellow (wheel slot 4)<br>5–5 LEE 010 - Medium Yellow (wheel slot 5)<br>6–6 LEE 101 - Yellow (wheel slot 6)<br>7–7 LEE 104 - Deep Amber (wheel slot 7)<br>8–8 LEE 015 - Deep Straw (wheel slot 8)<br>9–9 LEE 179 - Chrome Orange (wheel slot 9)<br>10–10 LEE 021 - Gold Amber (wheel slot 10)<br>11–11 LEE 105 - Orange (wheel slot 11)<br>12–12 LEE 158 - Deep Orange (wheel slot 12)<br>13–13 LEE 022 - Dark Amber (wheel slot 13)<br>14–14 LEE 778 - Millenium Gold (wheel slot 14)<br>15–15 LEE 135 - Deep Gold Amber (wheel slot 15)<br>16–16 LEE 024 - Scarlet (wheel slot 16)<br>17–17 LEE 106 - Primary Red (wheel slot 17)<br>18–18 LEE 026 - Bright Red (wheel slot 18)<br>19–19 LEE 027 - Medium Red (wheel slot 19)<br>20–20 LEE 019 - Fire (wheel slot 20)<br>21–21 LEE 157 - Pink (wheel slot 21)<br>22–22 LEE 036 - Medium Pink (wheel slot 22)<br>23–23 LEE 111 - Dark Pink (wheel slot 23)<br>24–24 LEE 128 - Bright Pink (wheel slot 24)<br>25–25 LEE 148 - Bright Rose (wheel slot 25)<br>26–26 LEE 332 - Special Rose Pink (wheel slot 26)<br>27–27 LEE 793 - Vanity Fair (wheel slot 27)<br>28–28 LEE 113 - Magenta (wheel slot 28)<br>29–29 LEE 046 - Dark Magenta (wheel slot 29)<br>30–30 LEE 048 - Rose Purple (wheel slot 30)<br>31–31 LEE 126 - Mauve (wheel slot 31)<br>32–32 LEE 049 - Medium Purple (wheel slot 32)<br>33–33 LEE 058 - Lavender (wheel slot 33)<br>34–34 LEE 197 - Alice Blue (wheel slot 34)<br>35–35 LEE 119 - Dark Blue (wheel slot 35)<br>36–36 LEE 132 - Medium Blue (wheel slot 36)<br>37–37 LEE 120 - Deep Blue (wheel slot 37)<br>38–38 LEE 165 - Daylight Blue (wheel slot 38)<br>39–39 LEE 161 - Slate Blue (wheel slot 39)<br>40–40 LEE 118 - Light Blue (wheel slot 40)<br>41–41 LEE 068 - Sky Blue (wheel slot 41)<br>42–42 LEE 143 - Pale Navy Blue (wheel slot 42)<br>43–43 LEE 131 - Marine Blue (wheel slot 43)<br>44–44 LEE 115 - Peacock Blue (wheel slot 44)<br>45–45 LEE 172 - Lagoon Blue (wheel slot 45)<br>46–46 LEE 116 - Medium Blue Green (wheel slot 46)<br>47–47 LEE 090 - Dark Yellow Green (wheel slot 47)<br>48–48 LEE 139 - Primary Green (wheel slot 48)<br>49–49 LEE 122 - Fern Green (wheel slot 49)<br>50–50 LEE 089 - Moss Green (wheel slot 50)<br>51–51 LEE 124 - Dark Green (wheel slot 51)<br>52–52 LEE 088 - Lime Green (wheel slot 52)<br>53–53 LEE 138 - Pale Green (wheel slot 53)<br>54–54 LEE 203 - Quarter C T Blue (wheel slot 54)<br>55–55 LEE 202 - Half C T Blue (wheel slot 55)<br>56–56 LEE 201 - Full C T Blue (wheel slot 56)<br>57–57 LEE 200 - Double C T Blue (wheel slot 57)<br>58–58 LEE 206 - Quarter C T Orange (wheel slot 58)<br>59–59 LEE 205 - Half C T Orange (wheel slot 59)<br>60–60 LEE 204 - Full C T Orange (wheel slot 60)<br>61–179 Open (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### Standard 22CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 22 | Function | 0 | |

## CMY Extended 25CH

25 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |
| 4 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 5 | Shutter / Strobe | 50 | 0–31 Shutter Closed<br>32–63 No Function (Shutter Open)<br>64–95 Strobe Effect Slow to Fast<br>96–127 No Function (Shutter Open)<br>128–159 Pulse-Effect in Sequences<br>160–191 No Function (Shutter Open)<br>192–223 Random Strobe Effect Slow to Fast<br>224–255 No Function (Shutter Open) |
| 6 | Cyan | 0 | 0–63 0 % B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| 7 | Cyan Fine | 0 | Fine byte of Cyan |
| 8 | Magenta | 0 | 0–63 0 % B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100 % B1 |
| 9 | Magenta Fine | 0 | Fine byte of Magenta |
| 10 | Yellow | 0 | 0–63 0% B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| 11 | Yellow Fine | 0 | Fine byte of Yellow |
| 12 | Color Add C | 0 | 0–63 0 % B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |
| 13 | Color Add C Fine | 0 | Fine byte of Color Add C |
| 14 | Color Add M | 0 | 0–63 0 % B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100 % B2 |
| 15 | Color Add M Fine | 0 | Fine byte of Color Add M |

## CMY Extended 25CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **16** | Color Add Y | 0 | 0–63 0% B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |
| **17** | Color Add Y Fine | 0 | Fine byte of Color Add Y |
| **18** | C TO | 0 | 0–17 Open 1 (wheel slot 1)<br>18–255 1800K to 8500K B1 |
| **19** | C TO Fine | 0 | Fine byte of C TO |
| **20** | C TO | 0 | 0–17 Open 2 (wheel slot 1)<br>18–255 1800K to 8500K B2 |
| **21** | C TO Fine | 0 | Fine byte of C TO |
| **22** | Tint | 0 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |

## CMY Extended 25CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **23** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 LEE 007 - Pale Yellow (wheel slot 1)<br>2–2 LEE 103 - Straw (wheel slot 2)<br>3–3 LEE 151 - Gold Tint (wheel slot 3)<br>4–4 LEE 100 - Spring Yellow (wheel slot 4)<br>5–5 LEE 010 - Medium Yellow (wheel slot 5)<br>6–6 LEE 101 - Yellow (wheel slot 6)<br>7–7 LEE 104 - Deep Amber (wheel slot 7)<br>8–8 LEE 015 - Deep Straw (wheel slot 8)<br>9–9 LEE 179 - Chrome Orange (wheel slot 9)<br>10–10 LEE 021 - Gold Amber (wheel slot 10)<br>11–11 LEE 105 - Orange (wheel slot 11)<br>12–12 LEE 158 - Deep Orange (wheel slot 12)<br>13–13 LEE 022 - Dark Amber (wheel slot 13)<br>14–14 LEE 778 - Millenium Gold (wheel slot 14)<br>15–15 LEE 135 - Deep Gold Amber (wheel slot 15)<br>16–16 LEE 024 - Scarlet (wheel slot 16)<br>17–17 LEE 106 - Primary Red (wheel slot 17)<br>18–18 LEE 026 - Bright Red (wheel slot 18)<br>19–19 LEE 027 - Medium Red (wheel slot 19)<br>20–20 LEE 019 - Fire (wheel slot 20)<br>21–21 LEE 157 - Pink (wheel slot 21)<br>22–22 LEE 036 - Medium Pink (wheel slot 22)<br>23–23 LEE 111 - Dark Pink (wheel slot 23)<br>24–24 LEE 128 - Bright Pink (wheel slot 24)<br>25–25 LEE 148 - Bright Rose (wheel slot 25)<br>26–26 LEE 332 - Special Rose Pink (wheel slot 26)<br>27–27 LEE 793 - Vanity Fair (wheel slot 27)<br>28–28 LEE 113 - Magenta (wheel slot 28)<br>29–29 LEE 046 - Dark Magenta (wheel slot 29)<br>30–30 LEE 048 - Rose Purple (wheel slot 30)<br>31–31 LEE 126 - Mauve (wheel slot 31)<br>32–32 LEE 049 - Medium Purple (wheel slot 32)<br>33–33 LEE 058 - Lavender (wheel slot 33)<br>34–34 LEE 197 - Alice Blue (wheel slot 34)<br>35–35 LEE 119 - Dark Blue (wheel slot 35)<br>36–36 LEE 132 - Medium Blue (wheel slot 36)<br>37–37 LEE 120 - Deep Blue (wheel slot 37)<br>38–38 LEE 165 - Daylight Blue (wheel slot 38)<br>39–39 LEE 161 - Slate Blue (wheel slot 39)<br>40–40 LEE 118 - Light Blue (wheel slot 40)<br>41–41 LEE 068 - Sky Blue (wheel slot 41)<br>42–42 LEE 143 - Pale Navy Blue (wheel slot 42)<br>43–43 LEE 131 - Marine Blue (wheel slot 43)<br>44–44 LEE 115 - Peacock Blue (wheel slot 44)<br>45–45 LEE 172 - Lagoon Blue (wheel slot 45)<br>46–46 LEE 116 - Medium Blue Green (wheel slot 46)<br>47–47 LEE 090 - Dark Yellow Green (wheel slot 47)<br>48–48 LEE 139 - Primary Green (wheel slot 48)<br>49–49 LEE 122 - Fern Green (wheel slot 49)<br>50–50 LEE 089 - Moss Green (wheel slot 50)<br>51–51 LEE 124 - Dark Green (wheel slot 51)<br>52–52 LEE 088 - Lime Green (wheel slot 52)<br>53–53 LEE 138 - Pale Green (wheel slot 53)<br>54–54 LEE 203 - Quarter C T Blue (wheel slot 54)<br>55–55 LEE 202 - Half C T Blue (wheel slot 55)<br>56–56 LEE 201 - Full C T Blue (wheel slot 56)<br>57–57 LEE 200 - Double C T Blue (wheel slot 57)<br>58–58 LEE 206 - Quarter C T Orange (wheel slot 58)<br>59–59 LEE 205 - Half C T Orange (wheel slot 59)<br>60–60 LEE 204 - Full C T Orange (wheel slot 60)<br>61–179 Open (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### CMY Extended 25CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Dimmer Mode | 0 | 0–20 Standard<br>21–40 Stage<br>41–60 TV<br>61–80 Architectural<br>81–100 Theatre<br>101–120 Stage 2<br>121–121 0s<br>122–122 01s<br>123–123 02s<br>124–124 03s<br>125–125 04s<br>126–126 05s<br>127–127 06s<br>128–128 07s<br>129–129 08s<br>130–130 09s<br>131–131 1s<br>132–132 1*5s<br>133–133 2s<br>134–134 3s<br>135–135 4s<br>136–136 5s<br>137–137 6s<br>138–138 7s<br>139–139 8s<br>140–140 9s<br>141–141 10s<br>142–255 Idle |
| **25** | Function | 0 | |

## RGB Extended 25CH

25 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| **2** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **3** | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |
| **4** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **5** | Shutter / Strobe | 50 | 0–31 Shutter Closed<br>32–63 No Function (Shutter Open)<br>64–95 Strobe Effect Slow to Fast<br>96–127 No Function (Shutter Open)<br>128–159 Pulse-Effect in Sequences<br>160–191 No Function (Shutter Open)<br>192–223 Random Strobe Effect Slow to Fast<br>224–255 No Function (Shutter Open) |
| **6** | Red | 0 | 0–63 0 % B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| **7** | Red Fine | 0 | Fine byte of Red |

## RGB Extended 25CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **8** | Green | 0 | 0–63 0 % B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100 % B1 |
| **9** | Green Fine | 0 | Fine byte of Green |
| **10** | Blue | 0 | 0–63 0% B1<br>64–127 25% B1<br>128–190 50% B1<br>191–254 75% B1<br>255–255 100% B1 |
| **11** | Blue Fine | 0 | Fine byte of Blue |
| **12** | Red | 0 | 0–63 0 % B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |
| **13** | Red Fine | 0 | Fine byte of Red |
| **14** | Green | 0 | 0–63 0 % B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100 % B2 |
| **15** | Green Fine | 0 | Fine byte of Green |
| **16** | Blue | 0 | 0–63 0% B2<br>64–127 25% B2<br>128–190 50% B2<br>191–254 75% B2<br>255–255 100% B2 |
| **17** | Blue Fine | 0 | Fine byte of Blue |
| **18** | C TO | 0 | 0–17 Open 1 (wheel slot 1)<br>18–255 1800K to 8500K B1 |
| **19** | C TO Fine | 0 | Fine byte of C TO |
| **20** | C TO | 0 | 0–17 Open 2 (wheel slot 1)<br>18–255 1800K to 8500K B2 |
| **21** | C TO Fine | 0 | Fine byte of C TO |
| **22** | Tint | 0 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |

## RGB Extended 25CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **23** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 LEE 007 - Pale Yellow (wheel slot 1)<br>2–2 LEE 103 - Straw (wheel slot 2)<br>3–3 LEE 151 - Gold Tint (wheel slot 3)<br>4–4 LEE 100 - Spring Yellow (wheel slot 4)<br>5–5 LEE 010 - Medium Yellow (wheel slot 5)<br>6–6 LEE 101 - Yellow (wheel slot 6)<br>7–7 LEE 104 - Deep Amber (wheel slot 7)<br>8–8 LEE 015 - Deep Straw (wheel slot 8)<br>9–9 LEE 179 - Chrome Orange (wheel slot 9)<br>10–10 LEE 021 - Gold Amber (wheel slot 10)<br>11–11 LEE 105 - Orange (wheel slot 11)<br>12–12 LEE 158 - Deep Orange (wheel slot 12)<br>13–13 LEE 022 - Dark Amber (wheel slot 13)<br>14–14 LEE 778 - Millenium Gold (wheel slot 14)<br>15–15 LEE 135 - Deep Gold Amber (wheel slot 15)<br>16–16 LEE 024 - Scarlet (wheel slot 16)<br>17–17 LEE 106 - Primary Red (wheel slot 17)<br>18–18 LEE 026 - Bright Red (wheel slot 18)<br>19–19 LEE 027 - Medium Red (wheel slot 19)<br>20–20 LEE 019 - Fire (wheel slot 20)<br>21–21 LEE 157 - Pink (wheel slot 21)<br>22–22 LEE 036 - Medium Pink (wheel slot 22)<br>23–23 LEE 111 - Dark Pink (wheel slot 23)<br>24–24 LEE 128 - Bright Pink (wheel slot 24)<br>25–25 LEE 148 - Bright Rose (wheel slot 25)<br>26–26 LEE 332 - Special Rose Pink (wheel slot 26)<br>27–27 LEE 793 - Vanity Fair (wheel slot 27)<br>28–28 LEE 113 - Magenta (wheel slot 28)<br>29–29 LEE 046 - Dark Magenta (wheel slot 29)<br>30–30 LEE 048 - Rose Purple (wheel slot 30)<br>31–31 LEE 126 - Mauve (wheel slot 31)<br>32–32 LEE 049 - Medium Purple (wheel slot 32)<br>33–33 LEE 058 - Lavender (wheel slot 33)<br>34–34 LEE 197 - Alice Blue (wheel slot 34)<br>35–35 LEE 119 - Dark Blue (wheel slot 35)<br>36–36 LEE 132 - Medium Blue (wheel slot 36)<br>37–37 LEE 120 - Deep Blue (wheel slot 37)<br>38–38 LEE 165 - Daylight Blue (wheel slot 38)<br>39–39 LEE 161 - Slate Blue (wheel slot 39)<br>40–40 LEE 118 - Light Blue (wheel slot 40)<br>41–41 LEE 068 - Sky Blue (wheel slot 41)<br>42–42 LEE 143 - Pale Navy Blue (wheel slot 42)<br>43–43 LEE 131 - Marine Blue (wheel slot 43)<br>44–44 LEE 115 - Peacock Blue (wheel slot 44)<br>45–45 LEE 172 - Lagoon Blue (wheel slot 45)<br>46–46 LEE 116 - Medium Blue Green (wheel slot 46)<br>47–47 LEE 090 - Dark Yellow Green (wheel slot 47)<br>48–48 LEE 139 - Primary Green (wheel slot 48)<br>49–49 LEE 122 - Fern Green (wheel slot 49)<br>50–50 LEE 089 - Moss Green (wheel slot 50)<br>51–51 LEE 124 - Dark Green (wheel slot 51)<br>52–52 LEE 088 - Lime Green (wheel slot 52)<br>53–53 LEE 138 - Pale Green (wheel slot 53)<br>54–54 LEE 203 - Quarter C T Blue (wheel slot 54)<br>55–55 LEE 202 - Half C T Blue (wheel slot 55)<br>56–56 LEE 201 - Full C T Blue (wheel slot 56)<br>57–57 LEE 200 - Double C T Blue (wheel slot 57)<br>58–58 LEE 206 - Quarter C T Orange (wheel slot 58)<br>59–59 LEE 205 - Half C T Orange (wheel slot 59)<br>60–60 LEE 204 - Full C T Orange (wheel slot 60)<br>61–179 Open (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### RGB Extended 25CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Dimmer Mode | 0 | 0–20 Standard<br>21–40 Stage<br>41–60 TV<br>61–80 Architectural<br>81–100 Theatre<br>101–120 Stage 2<br>121–121 0s<br>122–122 01s<br>123–123 02s<br>124–124 03s<br>125–125 04s<br>126–126 05s<br>127–127 06s<br>128–128 07s<br>129–129 08s<br>130–130 09s<br>131–131 1s<br>132–132 1*5s<br>133–133 2s<br>134–134 3s<br>135–135 4s<br>136–136 5s<br>137–137 6s<br>138–138 7s<br>139–139 8s<br>140–140 9s<br>141–141 10s<br>142–255 Idle |
| **25** | Function | 0 | |

## Extended 37CH

37 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | 0–62 0 percent B1<br>63–126 25 percent B1<br>127–190 50 percent B1<br>191–254 75 percent B1<br>255–255 100 percent B1 |
| **2** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **3** | Dimmer | 0 | 0–62 0 percent B2<br>63–126 25 percent B2<br>127–190 50 percent B2<br>191–254 75 percent B2<br>255–255 100 percent B2 |
| **4** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **5** | Shutter / Strobe | 50 | 0–31 Shutter Closed<br>32–63 No Function (Shutter Open)<br>64–95 Strobe Effect Slow to Fast<br>96–127 No Function (Shutter Open)<br>128–159 Pulse-Effect in Sequences<br>160–191 No Function (Shutter Open)<br>192–223 Random Strobe Effect Slow to Fast<br>224–255 No Function (Shutter Open) |
| **6** | Red | 0 | 0–254 Red Min 1<br>255–255 Red Max 1 |
| **7** | Red Fine | 0 | Fine byte of Red |
| **8** | Green | 0 | 0–254 Green Min 1<br>255–255 Green Max 1 |

## Extended 37CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 9 | Green Fine | 0 | Fine byte of Green |
| 10 | Blue | 0 | 0–254 Blue Min 1<br>255–255 Blue Max 1 |
| 11 | Blue Fine | 0 | Fine byte of Blue |
| 12 | Color Add GY | 0 | 0–254 Lime Min 1<br>255–255 Lime Max 1 |
| 13 | Color Add GY Fine | 0 | Fine byte of Color Add GY |
| 14 | Color Add RY | 0 | 0–254 Amber Min 1<br>255–255 Amber Max 1 |
| 15 | Color Add RY Fine | 0 | Fine byte of Color Add RY |
| 16 | White | 0 | 0–254 White Min 1<br>255–255 White Max 1 |
| 17 | White Fine | 0 | Fine byte of White |
| 18 | Red | 0 | 0–254 Red Min 2<br>255–255 Red Max 2 |
| 19 | Red Fine | 0 | Fine byte of Red |
| 20 | Green | 0 | 0–254 Green Min 2<br>255–255 Green Max 2 |
| 21 | Green Fine | 0 | Fine byte of Green |
| 22 | Blue | 0 | 0–254 Blue Min 2<br>255–255 Blue Max 2 |
| 23 | Blue Fine | 0 | Fine byte of Blue |
| 24 | Color Add GY | 0 | 0–254 Lime Min 2<br>255–255 Lime Max 2 |
| 25 | Color Add GY Fine | 0 | Fine byte of Color Add GY |
| 26 | Color Add RY | 0 | 0–254 Amber Min 2<br>255–255 Amber Max 2 |
| 27 | Color Add RY Fine | 0 | Fine byte of Color Add RY |
| 28 | White | 0 | 0–254 White Min 2<br>255–255 White Max 2 |
| 29 | White Fine | 0 | Fine byte of White |
| 30 | C TO | 0 | 0–17 Open 1 (wheel slot 1)<br>18–255 1800K to 8500K B1 |
| 31 | C TO Fine | 0 | Fine byte of C TO |
| 32 | C TO | 0 | 0–17 Open 2 (wheel slot 1)<br>18–255 1800K to 8500K B2 |
| 33 | C TO Fine | 0 | Fine byte of C TO |
| 34 | Tint | 0 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |

## Extended 37CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **35** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 LEE 007 - Pale Yellow (wheel slot 1)<br>2–2 LEE 103 - Straw (wheel slot 2)<br>3–3 LEE 151 - Gold Tint (wheel slot 3)<br>4–4 LEE 100 - Spring Yellow (wheel slot 4)<br>5–5 LEE 010 - Medium Yellow (wheel slot 5)<br>6–6 LEE 101 - Yellow (wheel slot 6)<br>7–7 LEE 104 - Deep Amber (wheel slot 7)<br>8–8 LEE 015 - Deep Straw (wheel slot 8)<br>9–9 LEE 179 - Chrome Orange (wheel slot 9)<br>10–10 LEE 021 - Gold Amber (wheel slot 10)<br>11–11 LEE 105 - Orange (wheel slot 11)<br>12–12 LEE 158 - Deep Orange (wheel slot 12)<br>13–13 LEE 022 - Dark Amber (wheel slot 13)<br>14–14 LEE 778 - Millenium Gold (wheel slot 14)<br>15–15 LEE 135 - Deep Gold Amber (wheel slot 15)<br>16–16 LEE 024 - Scarlet (wheel slot 16)<br>17–17 LEE 106 - Primary Red (wheel slot 17)<br>18–18 LEE 026 - Bright Red (wheel slot 18)<br>19–19 LEE 027 - Medium Red (wheel slot 19)<br>20–20 LEE 019 - Fire (wheel slot 20)<br>21–21 LEE 157 - Pink (wheel slot 21)<br>22–22 LEE 036 - Medium Pink (wheel slot 22)<br>23–23 LEE 111 - Dark Pink (wheel slot 23)<br>24–24 LEE 128 - Bright Pink (wheel slot 24)<br>25–25 LEE 148 - Bright Rose (wheel slot 25)<br>26–26 LEE 332 - Special Rose Pink (wheel slot 26)<br>27–27 LEE 793 - Vanity Fair (wheel slot 27)<br>28–28 LEE 113 - Magenta (wheel slot 28)<br>29–29 LEE 046 - Dark Magenta (wheel slot 29)<br>30–30 LEE 048 - Rose Purple (wheel slot 30)<br>31–31 LEE 126 - Mauve (wheel slot 31)<br>32–32 LEE 049 - Medium Purple (wheel slot 32)<br>33–33 LEE 058 - Lavender (wheel slot 33)<br>34–34 LEE 197 - Alice Blue (wheel slot 34)<br>35–35 LEE 119 - Dark Blue (wheel slot 35)<br>36–36 LEE 132 - Medium Blue (wheel slot 36)<br>37–37 LEE 120 - Deep Blue (wheel slot 37)<br>38–38 LEE 165 - Daylight Blue (wheel slot 38)<br>39–39 LEE 161 - Slate Blue (wheel slot 39)<br>40–40 LEE 118 - Light Blue (wheel slot 40)<br>41–41 LEE 068 - Sky Blue (wheel slot 41)<br>42–42 LEE 143 - Pale Navy Blue (wheel slot 42)<br>43–43 LEE 131 - Marine Blue (wheel slot 43)<br>44–44 LEE 115 - Peacock Blue (wheel slot 44)<br>45–45 LEE 172 - Lagoon Blue (wheel slot 45)<br>46–46 LEE 116 - Medium Blue Green (wheel slot 46)<br>47–47 LEE 090 - Dark Yellow Green (wheel slot 47)<br>48–48 LEE 139 - Primary Green (wheel slot 48)<br>49–49 LEE 122 - Fern Green (wheel slot 49)<br>50–50 LEE 089 - Moss Green (wheel slot 50)<br>51–51 LEE 124 - Dark Green (wheel slot 51)<br>52–52 LEE 088 - Lime Green (wheel slot 52)<br>53–53 LEE 138 - Pale Green (wheel slot 53)<br>54–54 LEE 203 - Quarter C T Blue (wheel slot 54)<br>55–55 LEE 202 - Half C T Blue (wheel slot 55)<br>56–56 LEE 201 - Full C T Blue (wheel slot 56)<br>57–57 LEE 200 - Double C T Blue (wheel slot 57)<br>58–58 LEE 206 - Quarter C T Orange (wheel slot 58)<br>59–59 LEE 205 - Half C T Orange (wheel slot 59)<br>60–60 LEE 204 - Full C T Orange (wheel slot 60)<br>61–179 Open (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

## Extended 37CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **36** | Dimmer Mode | 0 | 0–20 Standard<br>21–40 Stage<br>41–60 TV<br>61–80 Architectural<br>81–100 Theatre<br>101–120 Stage 2<br>121–121 0s<br>122–122 01s<br>123–123 02s<br>124–124 03s<br>125–125 04s<br>126–126 05s<br>127–127 06s<br>128–128 07s<br>129–129 08s<br>130–130 09s<br>131–131 1s<br>132–132 1*5s<br>133–133 2s<br>134–134 3s<br>135–135 4s<br>136–136 5s<br>137–137 6s<br>138–138 7s<br>139–139 8s<br>140–140 9s<br>141–141 10s<br>142–255 Idle |
| **37** | Function | 0 | |