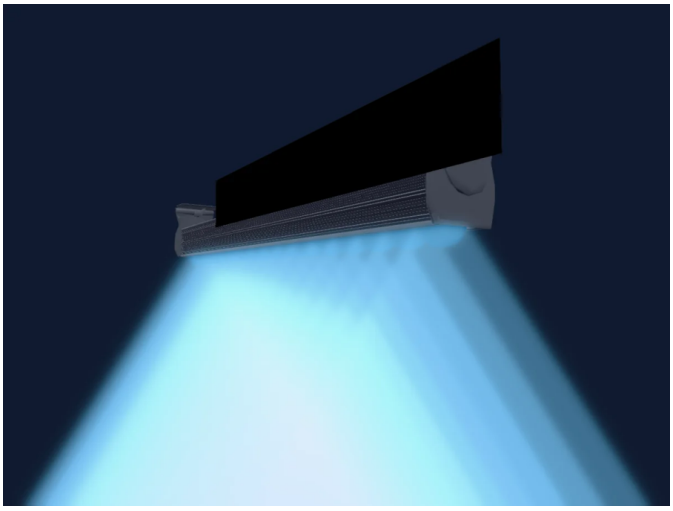
Elation

# KL Batten 48



| | |
|---|---|
| Manufacturer | **Elation** |
| Type | **LED bar** |
| DMX modes | **28** |
| DMX footprint | **1, 3, 4, 6, 8, 10, 12, 14, 16, 20, 22, 24, 32, 35, 40, 48, 61, 104, 113,** |
| Beam angle | **62°** |
| Heads / cells | **8** |
| Size (W × H × D) | **1230 × 140 × 140 mm** |
| GDTF fixture type | **E94FC86F-36A5-4F41-BD9F-60…** |

## Controls

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

## Safety-relevant functions

Strobe · Built-in effect programmes

## DMX modes

| | |
|---|---|
| Dimmer 1CH | 1 ch |
| HSI 3CH | 3 ch |
| RGB 3CH | 3 ch |
| Dimmer/ CCT 4CH | 4 ch |
| RGBA | 4 ch |
| HSI 2 Cell 6CH | 6 ch |
| HSIC 6CH | 6 ch |
| RGB 2 Cell 6CH | 6 ch |
| RGBA 2 Cell 8CH | 8 ch |
| RGBMA 10CH | 10 ch |
| HSI 4 Cell 12CH | 12 ch |
| RGB 4 Cell 12CH | 12 ch |
| Standard 14ch | 14 ch |
| RGBA 4 Cell 16CH | 16 ch |
| xy Extended 16CH | 16 ch |
| RGBMA 2 Cell 20CH | 20 ch |
| Standard 2 Cell 20CH | 20 ch |
| Extended 22ch | 22 ch |
| HSI 8 Cell 24CH | 24 ch |
| RGB 8 Cell 24CH | 24 ch |
| Standard 4 Cell 32CH | 32 ch |
| Extended 2 Cell 35CH | 35 ch |
| RGBMA 4 Cell 40CH | 40 ch |
| HSI 16 Cell 48CH | 48 ch |

| | |
|---|---|
| Extended 4 Cell 61 | 61 ch |
| Standard  16 Cell 104CH | 104 ch |
| Extended 8 Cell 113CH | 113 ch |
| Extended 16 Cell 217ch | 217 ch |

## Dimmer 1CH

1 channel

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

## HSI 3CH

3 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 2 | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 3 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## RGB 3CH

3 channels

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

## Dimmer/ CCT 4CH

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | C TC | 0 | 0–23 Open<br>24–255 2400k to 8500k |

### Dimmer/ CCT 4CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 4 | Tint | 128 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |

## RGBA

4 channels

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

## HSI 2 Cell 6CH

6 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 2 | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 3 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 4 | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 5 | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

### HSI 2 Cell 6CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 6 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## HSIC 6CH

6 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 2 | H SBHue Fine | 0 | Fine byte of H SBHue |
| 3 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 4 | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 5 | C TC | 0 | 0–23 Open<br>24–255 2400k to 8500k |
| 6 | Tint | 128 | 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 2 Cell 6CH

6 channels

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

### RGB 2 Cell 6CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 5 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 6 | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## RGBA 2 Cell 8CH

8 channels

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

## RGBMA 10CH

10 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 2 | Red Fine | 255 | Fine byte of Red |
| 3 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 4 | Green Fine | 255 | Fine byte of Green |
| 5 | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 6 | Blue Fine | 255 | Fine byte of Blue |
| 7 | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 8 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 9 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 10 | Color Add RY Fine | 255 | Fine byte of Color Add RY |

## HSI 4 Cell 12CH

12 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 2 | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 3 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 4 | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

### HSI 4 Cell 12CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **5** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **6** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **7** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **8** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **9** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **10** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **11** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **12** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## RGB 4 Cell 12CH

12 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **2** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

### RGB 4 Cell 12CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **3** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **4** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **5** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **6** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **7** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **8** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **9** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **10** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **11** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **12** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## Standard 14ch

14 channels

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

## Standard 14ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 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>224–225 No Function (Shutter Open)<br>226–253 Random pixel slow to fast<br>254–255 No Function(Shutter open) |
| 4 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 5 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 6 | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 7 | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 8 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 9 | C TC | 0 | |

## Standard 14ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 Pale Yellow (wheel slot 1)<br>2–2 Straw (wheel slot 2)<br>3–3 Gold Tint (wheel slot 3)<br>4–4 Spring Yellow (wheel slot 4)<br>5–5 Medium Yellow0 (wheel slot 5)<br>6–6 Yellow (wheel slot 6)<br>7–7 Deep Amber (wheel slot 7)<br>8–8 Deep Straw (wheel slot 8)<br>9–9 Loving Amber (wheel slot 9)<br>10–10 Gold Amber (wheel slot 10)<br>11–11 Orange (wheel slot 11)<br>12–12 Deep Orange (wheel slot 12)<br>13–13 Dark Amber (wheel slot 13)<br>14–14 Millennium Gold (wheel slot 14)<br>15–15 Deep Golden Amber (wheel slot 15)<br>16–16 Scarlet (wheel slot 16)<br>17–17 Primary Red (wheel slot 17)<br>18–18 Bright Red (wheel slot 18)<br>19–19 Medium Red (wheel slot 19)<br>20–20 Fire (wheel slot 20)<br>21–21 Pink (wheel slot 21)<br>22–22 Medium Pink (wheel slot 22)<br>23–23 Dark Pink (wheel slot 23)<br>24–24 Bright Pink (wheel slot 24)<br>25–25 Bright Rose (wheel slot 25)<br>26–26 Special Rose Pink (wheel slot 26)<br>27–27 Vanity Fair (wheel slot 27)<br>28–28 Magenta (wheel slot 28)<br>29–29 Dark Magenta (wheel slot 29)<br>30–30 Rose Purple (wheel slot 30)<br>31–31 Mauve (wheel slot 31)<br>32–32 Medium Purple (wheel slot 32)<br>33–33 Lavender (wheel slot 33)<br>34–34 Palace blue (wheel slot 34)<br>35–35 Dark Blue (wheel slot 35)<br>36–36 Medium Blue (wheel slot 36)<br>37–37 Deep Blue (wheel slot 37)<br>38–38 Daylight Blue (wheel slot 38)<br>39–39 Slate Blue (wheel slot 39)<br>40–40 Light Blue (wheel slot 40)<br>41–41 Sky Blue (wheel slot 41)<br>42–42 Pale Navy Blue (wheel slot 42)<br>43–43 Marine Blue (wheel slot 43)<br>44–44 Peacock Blue (wheel slot 44)<br>45–45 Lagoon Blue (wheel slot 45)<br>46–46 Medium Blue Green (wheel slot 46)<br>47–47 Dark Yellow Green (wheel slot 47)<br>48–48 Primary Green (wheel slot 48)<br>49–49 Fern Green (wheel slot 49)<br>50–50 Moss Green (wheel slot 50)<br>51–51 Dark Green (wheel slot 51)<br>52–52 Lime Green (wheel slot 52)<br>53–53 Pale Green (wheel slot 53)<br>54–54 Quarter CT Blue (wheel slot 54)<br>55–55 Half CT Blue (wheel slot 55)<br>56–56 Full CT Blue (wheel slot 56)<br>57–57 Double CT Blue (wheel slot 57)<br>58–58 Quarter CT Orange (wheel slot 58)<br>59–59 Half CT Orange (wheel slot 59)<br>60–60 Full CT Orange (wheel slot 60)<br>61–179 No Function (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### Standard 14ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 11 | Effect | 0 | |
| 12 | Effect Speed | 0 | 0–126 Fast to Slow<br>127–128 Stop<br>129–255 Slow to Fast |
| 13 | Effects1Adjust1 | 0 | |
| 14 | Function | 0 | |

## RGBA 4 Cell 16CH

16 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 2 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 3 | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 4 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 5 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 6 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 7 | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 8 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 9 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

### RGBA 4 Cell 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **11** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **12** | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **13** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **14** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **15** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **16** | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## xy Extended 16CH

16 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **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 IEX | 82 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## xy Extended 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **5** | C IEX Fine | 82 | Fine byte of C IEX |
| **6** | C IEY | 86 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **7** | C IEY Fine | 86 | Fine byte of C IEY |
| **8** | C TC | 0 | 0–23 Open<br>24–255 2400k to 8500k |
| **9** | C TC Fine | 0 | Fine byte of C TC |
| **10** | Tint | 128 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |

## xy Extended 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 Pale Yellow (wheel slot 1)<br>2–2 Straw (wheel slot 2)<br>3–3 Gold Tint (wheel slot 3)<br>4–4 Spring Yellow (wheel slot 4)<br>5–5 Medium Yellow (wheel slot 5)<br>6–6 Yellow (wheel slot 6)<br>7–7 Deep Amber (wheel slot 7)<br>8–8 Deep Straw (wheel slot 8)<br>9–9 Loving Amber (wheel slot 9)<br>10–10 Gold Amber (wheel slot 10)<br>11–11 Orange (wheel slot 11)<br>12–12 Deep Orange (wheel slot 12)<br>13–13 Dark Amber (wheel slot 13)<br>14–14 Millennium Gold (wheel slot 14)<br>15–15 Deep Golden Amber (wheel slot 15)<br>16–16 Scarlet (wheel slot 16)<br>17–17 Primary Red (wheel slot 17)<br>18–18 Bright Red (wheel slot 18)<br>19–19 Medium Red (wheel slot 19)<br>20–20 Fire (wheel slot 20)<br>21–21 Pink (wheel slot 21)<br>22–22 Medium Pink (wheel slot 22)<br>23–23 Dark Pink (wheel slot 23)<br>24–24 Bright Pink (wheel slot 24)<br>25–25 Bright Rose (wheel slot 25)<br>26–26 Special Rose Pink (wheel slot 26)<br>27–27 Vanity Fair (wheel slot 27)<br>28–28 Magenta (wheel slot 28)<br>29–29 Dark Magenta (wheel slot 29)<br>30–30 Rose Purple (wheel slot 30)<br>31–31 Mauve (wheel slot 31)<br>32–32 Medium Purple (wheel slot 32)<br>33–33 Lavender (wheel slot 33)<br>34–34 Palace blue (wheel slot 34)<br>35–35 Dark Blue (wheel slot 35)<br>36–36 Medium Blue (wheel slot 36)<br>37–37 Deep Blue (wheel slot 37)<br>38–38 Daylight Blue (wheel slot 38)<br>39–39 Slate Blue (wheel slot 39)<br>40–40 Light Blue (wheel slot 40)<br>41–41 Sky Blue (wheel slot 41)<br>42–42 Pale Navy Blue (wheel slot 42)<br>43–43 Marine Blue (wheel slot 43)<br>44–44 Peacock Blue (wheel slot 44)<br>45–45 Lagoon Blue (wheel slot 45)<br>46–46 Medium Blue Green (wheel slot 46)<br>47–47 Dark Yellow Green (wheel slot 47)<br>48–48 Primary Green (wheel slot 48)<br>49–49 Fern Green (wheel slot 49)<br>50–50 Moss Green (wheel slot 50)<br>51–51 Dark Green (wheel slot 51)<br>52–52 Lime Green (wheel slot 52)<br>53–53 Pale Green (wheel slot 53)<br>54–54 Quarter CT Blue (wheel slot 54)<br>55–55 Half CT Blue (wheel slot 55)<br>56–56 Full CT Blue (wheel slot 56)<br>57–57 Double CT Blue (wheel slot 57)<br>58–58 Quarter CT Orange (wheel slot 58)<br>59–59 Half CT Orange (wheel slot 59)<br>60–60 Full CT Orange (wheel slot 60)<br>61–179 No Function (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### xy Extended 16CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 12 | Effect | 0 | |
| 13 | Effect Speed | 0 | 0–126 Fast to Slow<br>127–128 Stop<br>129–255 Slow to Fast |
| 14 | Effects1Adjust1 | 0 | |
| 15 | 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 0*1s<br>123–123 0*2<br>124–124 0*3s<br>125–125 0*4s<br>126–126 0*5s<br>127–127 0*6s<br>128–128 0*7<br>129–129 0*8s<br>130–130 0*9s<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 |
| 16 | Function | 0 | |

## RGBMA 2 Cell 20CH

20 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 2 | Red Fine | 255 | Fine byte of Red |
| 3 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 4 | Green Fine | 255 | Fine byte of Green |
| 5 | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 6 | Blue Fine | 255 | Fine byte of Blue |

### RGBMA 2 Cell 20CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 7 | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 8 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 9 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 10 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 11 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 12 | Red Fine | 255 | Fine byte of Red |
| 13 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 14 | Green Fine | 255 | Fine byte of Green |
| 15 | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 16 | Blue Fine | 255 | Fine byte of Blue |
| 17 | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 18 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 19 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 20 | Color Add RY Fine | 255 | Fine byte of Color Add RY |

## Standard 2 Cell 20CH

20 channels

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

## Standard  2 Cell 20CH (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>224–225  No Function (Shutter Open)<br>226–253  Random pixel slow to fast<br>254–255  No Function(Shutter open) |
| **4** | Red | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **5** | Green | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **6** | Blue | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **7** | Color Add GY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **8** | Color Add RY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **9** | Red | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **10** | Green | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **11** | Blue | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **12** | Color Add GY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |

## Standard  2 Cell 20CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | Color Add RY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **14** | C TC | 0 | |
| **15** | C TC | 0 | |

## Standard  2 Cell 20CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **16** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 Pale Yellow (wheel slot 1)<br>2–2 Straw (wheel slot 2)<br>3–3 Gold Tint (wheel slot 3)<br>4–4 Spring Yellow (wheel slot 4)<br>5–5 Medium Yellow (wheel slot 5)<br>6–6 Yellow (wheel slot 6)<br>7–7 Deep Amber (wheel slot 7)<br>8–8 Deep Straw (wheel slot 8)<br>9–9 Loving Amber (wheel slot 9)<br>10–10 Gold Amber (wheel slot 10)<br>11–11 Orange (wheel slot 11)<br>12–12 Deep Orange (wheel slot 12)<br>13–13 Dark Amber (wheel slot 13)<br>14–14 Millennium Gold (wheel slot 14)<br>15–15 Deep Golden Amber (wheel slot 15)<br>16–16 Scarlet (wheel slot 16)<br>17–17 Primary Red (wheel slot 17)<br>18–18 Bright Red (wheel slot 18)<br>19–19 Medium Red (wheel slot 19)<br>20–20 Fire (wheel slot 20)<br>21–21 Pink (wheel slot 21)<br>22–22 Medium Pink (wheel slot 22)<br>23–23 Dark Pink (wheel slot 23)<br>24–24 Bright Pink (wheel slot 24)<br>25–25 Bright Rose (wheel slot 25)<br>26–26 Special Rose Pink (wheel slot 26)<br>27–27 Vanity Fair (wheel slot 27)<br>28–28 Magenta (wheel slot 28)<br>29–29 Dark Magenta (wheel slot 29)<br>30–30 Rose Purple (wheel slot 30)<br>31–31 Mauve (wheel slot 31)<br>32–32 Medium Purple (wheel slot 32)<br>33–33 Lavender (wheel slot 33)<br>34–34 Palace blue (wheel slot 34)<br>35–35 Dark Blue (wheel slot 35)<br>36–36 Medium Blue (wheel slot 36)<br>37–37 Deep Blue (wheel slot 37)<br>38–38 Daylight Blue (wheel slot 38)<br>39–39 Slate Blue (wheel slot 39)<br>40–40 Light Blue (wheel slot 40)<br>41–41 Sky Blue (wheel slot 41)<br>42–42 Pale Navy Blue (wheel slot 42)<br>43–43 Marine Blue (wheel slot 43)<br>44–44 Peacock Blue (wheel slot 44)<br>45–45 Lagoon Blue (wheel slot 45)<br>46–46 Medium Blue Green (wheel slot 46)<br>47–47 Dark Yellow Green (wheel slot 47)<br>48–48 Primary Green (wheel slot 48)<br>49–49 Fern Green (wheel slot 49)<br>50–50 Moss Green (wheel slot 50)<br>51–51 Dark Green (wheel slot 51)<br>52–52 Lime Green (wheel slot 52)<br>53–53 Pale Green (wheel slot 53)<br>54–54 Quarter CT Blue (wheel slot 54)<br>55–55 Half CT Blue (wheel slot 55)<br>56–56 Full CT Blue (wheel slot 56)<br>57–57 Double CT Blue (wheel slot 57)<br>58–58 Quarter CT Orange (wheel slot 58)<br>59–59 Half CT Orange (wheel slot 59)<br>60–60 Full CT Orange (wheel slot 60)<br>61–179 No Function (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### Standard  2 Cell 20CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 17 | Effect | 0 | |
| 18 | Effect Speed | 0 | 0–126  Fast to Slow<br>127–128  Stop<br>129–255  Slow to Fast |
| 19 | Effects1Adjust1 | 0 | |
| 20 | Function | 0 | |

## Extended 22ch

22 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| 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>224–225  No Function (Shutter Open)<br>226–253  Random pixel slow to fast<br>254–255  No Function(Shutter open) |
| 4 | Red | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| 5 | Red Fine | 255 | Fine byte of Red |
| 6 | Green | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| 7 | Green Fine | 255 | Fine byte of Green |
| 8 | Blue | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| 9 | Blue Fine | 255 | Fine byte of Blue |
| 10 | Color Add GY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| 11 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 12 | Color Add RY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |

## Extended 22ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **14** | C TC | 0 | 0–23 Open<br>24–255 2400k to 8500k |
| **15** | C TC Fine | 0 | Fine byte of C TC |
| **16** | Tint | 128 | 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 22ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **17** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 Pale Yellow (wheel slot 1)<br>2–2 Straw (wheel slot 2)<br>3–3 Gold Tint (wheel slot 3)<br>4–4 Spring Yellow (wheel slot 4)<br>5–5 Medium Yellow (wheel slot 5)<br>6–6 Yellow (wheel slot 6)<br>7–7 Deep Amber (wheel slot 7)<br>8–8 Deep Straw (wheel slot 8)<br>9–9 Loving Amber (wheel slot 9)<br>10–10 Gold Amber (wheel slot 10)<br>11–11 Orange (wheel slot 11)<br>12–12 Deep Orange (wheel slot 12)<br>13–13 Dark Amber (wheel slot 13)<br>14–14 Millennium Gold (wheel slot 14)<br>15–15 Deep Golden Amber (wheel slot 15)<br>16–16 Scarlet (wheel slot 16)<br>17–17 Primary Red (wheel slot 17)<br>18–18 Bright Red (wheel slot 18)<br>19–19 Medium Red (wheel slot 19)<br>20–20 Fire (wheel slot 20)<br>21–21 Pink (wheel slot 21)<br>22–22 Medium Pink (wheel slot 22)<br>23–23 Dark Pink (wheel slot 23)<br>24–24 Bright Pink (wheel slot 24)<br>25–25 Bright Rose (wheel slot 25)<br>26–26 Special Rose Pink (wheel slot 26)<br>27–27 Vanity Fair (wheel slot 27)<br>28–28 Magenta (wheel slot 28)<br>29–29 Dark Magenta (wheel slot 29)<br>30–30 Rose Purple (wheel slot 30)<br>31–31 Mauve (wheel slot 31)<br>32–32 Medium Purple (wheel slot 32)<br>33–33 Lavender (wheel slot 33)<br>34–34 Palace blue (wheel slot 34)<br>35–35 Dark Blue (wheel slot 35)<br>36–36 Medium Blue (wheel slot 36)<br>37–37 Deep Blue (wheel slot 37)<br>38–38 Daylight Blue (wheel slot 38)<br>39–39 Slate Blue (wheel slot 39)<br>40–40 Light Blue (wheel slot 40)<br>41–41 Sky Blue (wheel slot 41)<br>42–42 Pale Navy Blue (wheel slot 42)<br>43–43 Marine Blue (wheel slot 43)<br>44–44 Peacock Blue (wheel slot 44)<br>45–45 Lagoon Blue (wheel slot 45)<br>46–46 Medium Blue Green (wheel slot 46)<br>47–47 Dark Yellow Green (wheel slot 47)<br>48–48 Primary Green (wheel slot 48)<br>49–49 Fern Green (wheel slot 49)<br>50–50 Moss Green (wheel slot 50)<br>51–51 Dark Green (wheel slot 51)<br>52–52 Lime Green (wheel slot 52)<br>53–53 Pale Green (wheel slot 53)<br>54–54 Quarter CT Blue (wheel slot 54)<br>55–55 Half CT Blue (wheel slot 55)<br>56–56 Full CT Blue (wheel slot 56)<br>57–57 Double CT Blue (wheel slot 57)<br>58–58 Quarter CT Orange (wheel slot 58)<br>59–59 Half CT Orange (wheel slot 59)<br>60–60 Full CT Orange (wheel slot 60)<br>61–179 No Function (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### Extended 22ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **18** | Effect | 0 | |
| **19** | Effect Speed | 0 | 0–126 Fast to Slow<br>127–128 Stop<br>129–255 Slow to Fast |
| **20** | Effects1Adjust1 | 0 | |
| **21** | 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 0*1s<br>123–123 0*2<br>124–124 0*3s<br>125–125 0*4s<br>126–126 0*5s<br>127–127 0*6s<br>128–128 0*7<br>129–129 0*8s<br>130–130 0*9s<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 |
| **22** | Function | 0 | |

## HSI 8 Cell 24CH

24 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **2** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **3** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **4** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## HSI 8 Cell 24CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **5** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **6** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **7** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **8** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **9** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **10** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **11** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **12** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **13** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **14** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **15** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

### HSI 8 Cell 24CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **16** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **17** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **18** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **19** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **20** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **21** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **22** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **23** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **24** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## RGB 8 Cell 24CH

24 channels

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

## RGB 8 Cell 24CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **2** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **3** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **4** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **5** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **6** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **7** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **8** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **9** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **10** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **11** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **12** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## RGB 8 Cell 24CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **14** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **15** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **16** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **17** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **18** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **19** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **20** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **21** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **22** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **23** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

### RGB 8 Cell 24CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## Standard 4 Cell 32CH

32 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **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>224–225 No Function (Shutter Open)<br>226–253 Random pixel slow to fast<br>254–255 No Function(Shutter open) |
| **4** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **5** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **6** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **7** | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **8** | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **9** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## Standard  4 Cell 32CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Green | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **11** | Blue | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **12** | Color Add GY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **13** | Color Add RY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **14** | Red | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **15** | Green | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **16** | Blue | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **17** | Color Add GY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **18** | Color Add RY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **19** | Red | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **20** | Green | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |

## Standard  4 Cell 32CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **21** | Blue | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **22** | Color Add GY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **23** | Color Add RY | 255 | 0–62  0 %<br>63–126  25 %<br>127–190  50 %<br>191–254  75 %<br>255–255  100 % |
| **24** | C TC | 0 | |
| **25** | C TC | 0 | |
| **26** | C TC | 0 | |
| **27** | C TC | 0 | |

## Standard 4 Cell 32CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **28** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 Pale Yellow (wheel slot 1)<br>2–2 Straw (wheel slot 2)<br>3–3 Gold Tint (wheel slot 3)<br>4–4 Spring Yellow (wheel slot 4)<br>5–5 Medium Yellow (wheel slot 5)<br>6–6 Yellow (wheel slot 6)<br>7–7 Deep Amber (wheel slot 7)<br>8–8 Deep Straw (wheel slot 8)<br>9–9 Loving Amber (wheel slot 9)<br>10–10 Gold Amber (wheel slot 10)<br>11–11 Orange (wheel slot 11)<br>12–12 Deep Orange (wheel slot 12)<br>13–13 Dark Amber (wheel slot 13)<br>14–14 Millennium Gold (wheel slot 14)<br>15–15 Deep Golden Amber (wheel slot 15)<br>16–16 Scarlet (wheel slot 16)<br>17–17 Primary Red (wheel slot 17)<br>18–18 Bright Red (wheel slot 18)<br>19–19 Medium Red (wheel slot 19)<br>20–20 Fire (wheel slot 20)<br>21–21 Pink (wheel slot 21)<br>22–22 Medium Pink (wheel slot 22)<br>23–23 Dark Pink (wheel slot 23)<br>24–24 Bright Pink (wheel slot 24)<br>25–25 Bright Rose (wheel slot 25)<br>26–26 Special Rose Pink (wheel slot 26)<br>27–27 Vanity Fair (wheel slot 27)<br>28–28 Magenta (wheel slot 28)<br>29–29 Dark Magenta (wheel slot 29)<br>30–30 Rose Purple (wheel slot 30)<br>31–31 Mauve (wheel slot 31)<br>32–32 Medium Purple (wheel slot 32)<br>33–33 Lavender (wheel slot 33)<br>34–34 Palace blue (wheel slot 34)<br>35–35 Dark Blue (wheel slot 35)<br>36–36 Medium Blue (wheel slot 36)<br>37–37 Deep Blue (wheel slot 37)<br>38–38 Daylight Blue (wheel slot 38)<br>39–39 Slate Blue (wheel slot 39)<br>40–40 Light Blue (wheel slot 40)<br>41–41 Sky Blue (wheel slot 41)<br>42–42 Pale Navy Blue (wheel slot 42)<br>43–43 Marine Blue (wheel slot 43)<br>44–44 Peacock Blue (wheel slot 44)<br>45–45 Lagoon Blue (wheel slot 45)<br>46–46 Medium Blue Green (wheel slot 46)<br>47–47 Dark Yellow Green (wheel slot 47)<br>48–48 Primary Green (wheel slot 48)<br>49–49 Fern Green (wheel slot 49)<br>50–50 Moss Green (wheel slot 50)<br>51–51 Dark Green (wheel slot 51)<br>52–52 Lime Green (wheel slot 52)<br>53–53 Pale Green (wheel slot 53)<br>54–54 Quarter CT Blue (wheel slot 54)<br>55–55 Half CT Blue (wheel slot 55)<br>56–56 Full CT Blue (wheel slot 56)<br>57–57 Double CT Blue (wheel slot 57)<br>58–58 Quarter CT Orange (wheel slot 58)<br>59–59 Half CT Orange (wheel slot 59)<br>60–60 Full CT Orange (wheel slot 60)<br>61–179 No Function (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### Standard 4 Cell 32CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 29 | Effect | 0 | |
| 30 | Effect Speed | 0 | 0–126 Fast to Slow<br>127–128 Stop<br>129–255 Slow to Fast |
| 31 | Effects1Adjust1 | 0 | |
| 32 | Function | 0 | |

## Extended 2 Cell 35CH

35 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 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>224–225 No Function (Shutter Open)<br>226–253 Random pixel slow to fast<br>254–255 No Function(Shutter open) |
| 4 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 5 | Red Fine | 255 | Fine byte of Red |
| 6 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 7 | Green Fine | 255 | Fine byte of Green |
| 8 | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 9 | Blue Fine | 255 | Fine byte of Blue |
| 10 | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 11 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 12 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## Extended 2 Cell 35CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **14** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **15** | Red Fine | 255 | Fine byte of Red |
| **16** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **17** | Green Fine | 255 | Fine byte of Green |
| **18** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **19** | Blue Fine | 255 | Fine byte of Blue |
| **20** | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **21** | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| **22** | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **23** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **24** | C TC | 0 | 0–23 Open<br>24–255 2400k to 8500k |
| **25** | C TC Fine | 0 | Fine byte of C TC |
| **26** | C TC | 0 | 0–23 Open<br>24–255 2400k to 8500k |
| **27** | C TC Fine | 0 | Fine byte of C TC |
| **28** | Tint | 128 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |
| **29** | Tint | 128 | 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 2 Cell 35CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **30** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 Pale Yellow (wheel slot 1)<br>2–2 Straw (wheel slot 2)<br>3–3 Gold Tint (wheel slot 3)<br>4–4 Spring Yellow (wheel slot 4)<br>5–5 Medium Yellow (wheel slot 5)<br>6–6 Yellow (wheel slot 6)<br>7–7 Deep Amber (wheel slot 7)<br>8–8 Deep Straw (wheel slot 8)<br>9–9 Loving Amber (wheel slot 9)<br>10–10 Gold Amber (wheel slot 10)<br>11–11 Orange (wheel slot 11)<br>12–12 Deep Orange (wheel slot 12)<br>13–13 Dark Amber (wheel slot 13)<br>14–14 Millennium Gold (wheel slot 14)<br>15–15 Deep Golden Amber (wheel slot 15)<br>16–16 Scarlet (wheel slot 16)<br>17–17 Primary Red (wheel slot 17)<br>18–18 Bright Red (wheel slot 18)<br>19–19 Medium Red (wheel slot 19)<br>20–20 Fire (wheel slot 20)<br>21–21 Pink (wheel slot 21)<br>22–22 Medium Pink (wheel slot 22)<br>23–23 Dark Pink (wheel slot 23)<br>24–24 Bright Pink (wheel slot 24)<br>25–25 Bright Rose (wheel slot 25)<br>26–26 Special Rose Pink (wheel slot 26)<br>27–27 Vanity Fair (wheel slot 27)<br>28–28 Magenta (wheel slot 28)<br>29–29 Dark Magenta (wheel slot 29)<br>30–30 Rose Purple (wheel slot 30)<br>31–31 Mauve (wheel slot 31)<br>32–32 Medium Purple (wheel slot 32)<br>33–33 Lavender (wheel slot 33)<br>34–34 Palace blue (wheel slot 34)<br>35–35 Dark Blue (wheel slot 35)<br>36–36 Medium Blue (wheel slot 36)<br>37–37 Deep Blue (wheel slot 37)<br>38–38 Daylight Blue (wheel slot 38)<br>39–39 Slate Blue (wheel slot 39)<br>40–40 Light Blue (wheel slot 40)<br>41–41 Sky Blue (wheel slot 41)<br>42–42 Pale Navy Blue (wheel slot 42)<br>43–43 Marine Blue (wheel slot 43)<br>44–44 Peacock Blue (wheel slot 44)<br>45–45 Lagoon Blue (wheel slot 45)<br>46–46 Medium Blue Green (wheel slot 46)<br>47–47 Dark Yellow Green (wheel slot 47)<br>48–48 Primary Green (wheel slot 48)<br>49–49 Fern Green (wheel slot 49)<br>50–50 Moss Green (wheel slot 50)<br>51–51 Dark Green (wheel slot 51)<br>52–52 Lime Green (wheel slot 52)<br>53–53 Pale Green (wheel slot 53)<br>54–54 Quarter CT Blue (wheel slot 54)<br>55–55 Half CT Blue (wheel slot 55)<br>56–56 Full CT Blue (wheel slot 56)<br>57–57 Double CT Blue (wheel slot 57)<br>58–58 Quarter CT Orange (wheel slot 58)<br>59–59 Half CT Orange (wheel slot 59)<br>60–60 Full CT Orange (wheel slot 60)<br>61–179 No Function (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### Extended 2 Cell 35CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **31** | Effect | 0 | |
| **32** | Effect Speed | 0 | 0–126 Fast to Slow<br>127–128 Stop<br>129–255 Slow to Fast |
| **33** | Effects1Adjust1 | 0 | |
| **34** | 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 0*1s<br>123–123 0*2<br>124–124 0*3s<br>125–125 0*4s<br>126–126 0*5s<br>127–127 0*6s<br>128–128 0*7<br>129–129 0*8s<br>130–130 0*9s<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 |
| **35** | Function | 0 | |

## RGBMA 4 Cell 40CH

40 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **2** | Red Fine | 255 | Fine byte of Red |
| **3** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **4** | Green Fine | 255 | Fine byte of Green |
| **5** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **6** | Blue Fine | 255 | Fine byte of Blue |

## RGBMA 4 Cell 40CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 7 | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 8 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 9 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 10 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 11 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 12 | Red Fine | 255 | Fine byte of Red |
| 13 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 14 | Green Fine | 255 | Fine byte of Green |
| 15 | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 16 | Blue Fine | 255 | Fine byte of Blue |
| 17 | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 18 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 19 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 20 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 21 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 22 | Red Fine | 255 | Fine byte of Red |
| 23 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 24 | Green Fine | 255 | Fine byte of Green |

### RGBMA 4 Cell 40CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **25** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **26** | Blue Fine | 255 | Fine byte of Blue |
| **27** | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **28** | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| **29** | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **30** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **31** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **32** | Red Fine | 255 | Fine byte of Red |
| **33** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **34** | Green Fine | 255 | Fine byte of Green |
| **35** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **36** | Blue Fine | 255 | Fine byte of Blue |
| **37** | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **38** | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| **39** | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **40** | Color Add RY Fine | 255 | Fine byte of Color Add RY |

## HSI 16 Cell 48CH

48 channels

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

## HSI 16 Cell 48CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 2 | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 3 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 4 | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 5 | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 6 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 7 | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 8 | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 9 | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 10 | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 11 | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## HSI 16 Cell 48CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **12** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **13** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **14** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **15** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **16** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **17** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **18** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **19** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **20** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **21** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **22** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## HSI 16 Cell 48CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **23** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **24** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **25** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **26** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **27** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **28** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **29** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **30** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **31** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **32** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **33** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## HSI 16 Cell 48CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **34** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **35** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **36** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **37** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **38** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **39** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **40** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **41** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **42** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **43** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **44** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

### HSI 16 Cell 48CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **45** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **46** | H SBHue | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **47** | H SBSaturation | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **48** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## Extended 4 Cell 61

61 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **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>224–225 No Function (Shutter Open)<br>226–253 Random pixel slow to fast<br>254–255 No Function(Shutter open) |
| **4** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **5** | Red Fine | 255 | Fine byte of Red |
| **6** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **7** | Green Fine | 255 | Fine byte of Green |
| **8** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |

## Extended 4 Cell 61 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 9 | Blue Fine | 255 | Fine byte of Blue |
| 10 | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 11 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 12 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 13 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 14 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 15 | Red Fine | 255 | Fine byte of Red |
| 16 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 17 | Green Fine | 255 | Fine byte of Green |
| 18 | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 19 | Blue Fine | 255 | Fine byte of Blue |
| 20 | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 21 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 22 | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 23 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 24 | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 25 | Red Fine | 255 | Fine byte of Red |
| 26 | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| 27 | Green Fine | 255 | Fine byte of Green |

## Extended 4 Cell 61 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **28** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **29** | Blue Fine | 255 | Fine byte of Blue |
| **30** | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **31** | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| **32** | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **33** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **34** | Red | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **35** | Red Fine | 255 | Fine byte of Red |
| **36** | Green | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **37** | Green Fine | 255 | Fine byte of Green |
| **38** | Blue | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **39** | Blue Fine | 255 | Fine byte of Blue |
| **40** | Color Add GY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **41** | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| **42** | Color Add RY | 255 | 0–62 0 %<br>63–126 25 %<br>127–190 50 %<br>191–254 75 %<br>255–255 100 % |
| **43** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **44** | C TC | 0 | 0–23 Open<br>24–255 2400k to 8500k |
| **45** | C TC Fine | 0 | Fine byte of C TC |
| **46** | C TC | 0 | 0–23 Open<br>24–255 2400k to 8500k |
| **47** | C TC Fine | 0 | Fine byte of C TC |

## Extended 4 Cell 61 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **48** | C TC | 0 | 0–23 Open<br>24–255 2400k to 8500k |
| **49** | C TC Fine | 0 | Fine byte of C TC |
| **50** | C TC | 0 | 0–23 Open<br>24–255 2400k to 8500k |
| **51** | C TC Fine | 0 | Fine byte of C TC |
| **52** | Tint | 128 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |
| **53** | Tint | 128 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |
| **54** | Tint | 128 | 0–0 Idle<br>1–127 Full Minus Green to Neutral<br>128–128 Neutral White<br>129–255 Neutral to Full Plus Green |
| **55** | Tint | 128 | 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 4 Cell 61 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **56** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 Pale Yellow (wheel slot 1)<br>2–2 Straw (wheel slot 2)<br>3–3 Gold Tint (wheel slot 3)<br>4–4 Spring Yellow (wheel slot 4)<br>5–5 Medium Yellow (wheel slot 5)<br>6–6 Yellow (wheel slot 6)<br>7–7 Deep Amber (wheel slot 7)<br>8–8 Deep Straw (wheel slot 8)<br>9–9 Loving Amber (wheel slot 9)<br>10–10 Gold Amber (wheel slot 10)<br>11–11 Orange (wheel slot 11)<br>12–12 Deep Orange (wheel slot 12)<br>13–13 Dark Amber (wheel slot 13)<br>14–14 Millennium Gold (wheel slot 14)<br>15–15 Deep Golden Amber (wheel slot 15)<br>16–16 Scarlet (wheel slot 16)<br>17–17 Primary Red (wheel slot 17)<br>18–18 Bright Red (wheel slot 18)<br>19–19 Medium Red (wheel slot 19)<br>20–20 Fire (wheel slot 20)<br>21–21 Pink (wheel slot 21)<br>22–22 Medium Pink (wheel slot 22)<br>23–23 Dark Pink (wheel slot 23)<br>24–24 Bright Pink (wheel slot 24)<br>25–25 Bright Rose (wheel slot 25)<br>26–26 Special Rose Pink (wheel slot 26)<br>27–27 Vanity Fair (wheel slot 27)<br>28–28 Magenta (wheel slot 28)<br>29–29 Dark Magenta (wheel slot 29)<br>30–30 Rose Purple (wheel slot 30)<br>31–31 Mauve (wheel slot 31)<br>32–32 Medium Purple (wheel slot 32)<br>33–33 Lavender (wheel slot 33)<br>34–34 Palace blue (wheel slot 34)<br>35–35 Dark Blue (wheel slot 35)<br>36–36 Medium Blue (wheel slot 36)<br>37–37 Deep Blue (wheel slot 37)<br>38–38 Daylight Blue (wheel slot 38)<br>39–39 Slate Blue (wheel slot 39)<br>40–40 Light Blue (wheel slot 40)<br>41–41 Sky Blue (wheel slot 41)<br>42–42 Pale Navy Blue (wheel slot 42)<br>43–43 Marine Blue (wheel slot 43)<br>44–44 Peacock Blue (wheel slot 44)<br>45–45 Lagoon Blue (wheel slot 45)<br>46–46 Medium Blue Green (wheel slot 46)<br>47–47 Dark Yellow Green (wheel slot 47)<br>48–48 Primary Green (wheel slot 48)<br>49–49 Fern Green (wheel slot 49)<br>50–50 Moss Green (wheel slot 50)<br>51–51 Dark Green (wheel slot 51)<br>52–52 Lime Green (wheel slot 52)<br>53–53 Pale Green (wheel slot 53)<br>54–54 Quarter CT Blue (wheel slot 54)<br>55–55 Half CT Blue (wheel slot 55)<br>56–56 Full CT Blue (wheel slot 56)<br>57–57 Double CT Blue (wheel slot 57)<br>58–58 Quarter CT Orange (wheel slot 58)<br>59–59 Half CT Orange (wheel slot 59)<br>60–60 Full CT Orange (wheel slot 60)<br>61–179 No Function (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### Extended 4 Cell 61 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **57** | Effect | 0 | |
| **58** | Effect Speed | 0 | 0–126 Fast to Slow<br>127–128 Stop<br>129–255 Slow to Fast |
| **59** | Effects1Adjust1 | 0 | |
| **60** | 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 0*1s<br>123–123 0*2<br>124–124 0*3s<br>125–125 0*4s<br>126–126 0*5s<br>127–127 0*6s<br>128–128 0*7<br>129–129 0*8s<br>130–130 0*9s<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 |
| **61** | Function | 0 | |

## Standard 16 Cell 104CH

104 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | |
| **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>224–225 No Function (Shutter Open)<br>226–253 Random pixel slow to fast<br>254–255 No Function(Shutter open) |
| **4** | Color Add GY | 255 | |
| **5** | Color Add RY | 255 | |
| **6** | Reserved 6 | 0 | |
| **7** | Reserved 7 | 0 | |
| **8** | Reserved 8 | 0 | |
| **9** | Reserved 9 | 0 | |

## Standard 16 Cell 104CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 10 | Reserved 10 | 0 | |
| 11 | Reserved 11 | 0 | |
| 12 | Reserved 12 | 0 | |
| 13 | Reserved 13 | 0 | |
| 14 | Reserved 14 | 0 | |
| 15 | Reserved 15 | 0 | |
| 16 | Reserved 16 | 0 | |
| 17 | Reserved 17 | 0 | |
| 18 | Reserved 18 | 0 | |
| 19 | Reserved 19 | 0 | |
| 20 | Reserved 20 | 0 | |
| 21 | Reserved 21 | 0 | |
| 22 | Reserved 22 | 0 | |
| 23 | Reserved 23 | 0 | |
| 24 | Reserved 24 | 0 | |
| 25 | Reserved 25 | 0 | |
| 26 | Reserved 26 | 0 | |
| 27 | Reserved 27 | 0 | |
| 28 | Reserved 28 | 0 | |
| 29 | Reserved 29 | 0 | |
| 30 | Reserved 30 | 0 | |
| 31 | Reserved 31 | 0 | |
| 32 | Reserved 32 | 0 | |
| 33 | Reserved 33 | 0 | |
| 34 | Reserved 34 | 0 | |
| 35 | Reserved 35 | 0 | |
| 36 | Reserved 36 | 0 | |
| 37 | Reserved 37 | 0 | |
| 38 | Reserved 38 | 0 | |
| 39 | Reserved 39 | 0 | |
| 40 | Reserved 40 | 0 | |
| 41 | Reserved 41 | 0 | |
| 42 | Reserved 42 | 0 | |
| 43 | Reserved 43 | 0 | |
| 44 | Reserved 44 | 0 | |
| 45 | Reserved 45 | 0 | |
| 46 | Reserved 46 | 0 | |
| 47 | Reserved 47 | 0 | |
| 48 | Reserved 48 | 0 | |
| 49 | Reserved 49 | 0 | |
| 50 | Reserved 50 | 0 | |
| 51 | Reserved 51 | 0 | |
| 52 | Reserved 52 | 0 | |
| 53 | Reserved 53 | 0 | |
| 54 | Reserved 54 | 0 | |

## Standard  16 Cell 104CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **55** | Reserved 55 | 0 | |
| **56** | Reserved 56 | 0 | |
| **57** | Reserved 57 | 0 | |
| **58** | Reserved 58 | 0 | |
| **59** | Reserved 59 | 0 | |
| **60** | Reserved 60 | 0 | |
| **61** | Reserved 61 | 0 | |
| **62** | Reserved 62 | 0 | |
| **63** | Reserved 63 | 0 | |
| **64** | Reserved 64 | 0 | |
| **65** | Reserved 65 | 0 | |
| **66** | Reserved 66 | 0 | |
| **67** | Reserved 67 | 0 | |
| **68** | Reserved 68 | 0 | |
| **69** | Reserved 69 | 0 | |
| **70** | Reserved 70 | 0 | |
| **71** | Reserved 71 | 0 | |
| **72** | Reserved 72 | 0 | |
| **73** | Reserved 73 | 0 | |
| **74** | Reserved 74 | 0 | |
| **75** | Reserved 75 | 0 | |
| **76** | Reserved 76 | 0 | |
| **77** | Reserved 77 | 0 | |
| **78** | Reserved 78 | 0 | |
| **79** | Reserved 79 | 0 | |
| **80** | Reserved 80 | 0 | |
| **81** | Reserved 81 | 0 | |
| **82** | Reserved 82 | 0 | |
| **83** | Reserved 83 | 0 | |
| **84** | C TC | 0 | |
| **85** | C TC | 0 | |
| **86** | C TC | 0 | |
| **87** | C TC | 0 | |
| **88** | C TC | 0 | |
| **89** | C TC | 0 | |
| **90** | C TC | 0 | |
| **91** | C TC | 0 | |
| **92** | C TC | 0 | |
| **93** | C TC | 0 | |
| **94** | C TC | 0 | |
| **95** | C TC | 0 | |
| **96** | C TC | 0 | |
| **97** | C TC | 0 | |
| **98** | C TC | 0 | |
| **99** | C TC | 0 | |

## Standard 16 Cell 104CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **100** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 Pale Yellow (wheel slot 1)<br>2–2 Straw (wheel slot 2)<br>3–3 Gold Tint (wheel slot 3)<br>4–4 Spring Yellow (wheel slot 4)<br>5–5 Medium Yellow (wheel slot 5)<br>6–6 Yellow (wheel slot 6)<br>7–7 Deep Amber (wheel slot 7)<br>8–8 Deep Straw (wheel slot 8)<br>9–9 Loving Amber (wheel slot 9)<br>10–10 Gold Amber (wheel slot 10)<br>11–11 Orange (wheel slot 11)<br>12–12 Deep Orange (wheel slot 12)<br>13–13 Dark Amber (wheel slot 13)<br>14–14 Millennium Gold (wheel slot 14)<br>15–15 Deep Golden Amber (wheel slot 15)<br>16–16 Scarlet (wheel slot 16)<br>17–17 Primary Red (wheel slot 17)<br>18–18 Bright Red (wheel slot 18)<br>19–19 Medium Red (wheel slot 19)<br>20–20 Fire (wheel slot 20)<br>21–21 Pink (wheel slot 21)<br>22–22 Medium Pink (wheel slot 22)<br>23–23 Dark Pink (wheel slot 23)<br>24–24 Bright Pink (wheel slot 24)<br>25–25 Bright Rose (wheel slot 25)<br>26–26 Special Rose Pink (wheel slot 26)<br>27–27 Vanity Fair (wheel slot 27)<br>28–28 Magenta (wheel slot 28)<br>29–29 Dark Magenta (wheel slot 29)<br>30–30 Rose Purple (wheel slot 30)<br>31–31 Mauve (wheel slot 31)<br>32–32 Medium Purple (wheel slot 32)<br>33–33 Lavender (wheel slot 33)<br>34–34 Palace blue (wheel slot 34)<br>35–35 Dark Blue (wheel slot 35)<br>36–36 Medium Blue (wheel slot 36)<br>37–37 Deep Blue (wheel slot 37)<br>38–38 Daylight Blue (wheel slot 38)<br>39–39 Slate Blue (wheel slot 39)<br>40–40 Light Blue (wheel slot 40)<br>41–41 Sky Blue (wheel slot 41)<br>42–42 Pale Navy Blue (wheel slot 42)<br>43–43 Marine Blue (wheel slot 43)<br>44–44 Peacock Blue (wheel slot 44)<br>45–45 Lagoon Blue (wheel slot 45)<br>46–46 Medium Blue Green (wheel slot 46)<br>47–47 Dark Yellow Green (wheel slot 47)<br>48–48 Primary Green (wheel slot 48)<br>49–49 Fern Green (wheel slot 49)<br>50–50 Moss Green (wheel slot 50)<br>51–51 Dark Green (wheel slot 51)<br>52–52 Lime Green (wheel slot 52)<br>53–53 Pale Green (wheel slot 53)<br>54–54 Quarter CT Blue (wheel slot 54)<br>55–55 Half CT Blue (wheel slot 55)<br>56–56 Full CT Blue (wheel slot 56)<br>57–57 Double CT Blue (wheel slot 57)<br>58–58 Quarter CT Orange (wheel slot 58)<br>59–59 Half CT Orange (wheel slot 59)<br>60–60 Full CT Orange (wheel slot 60)<br>61–179 No Function (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### Standard 16 Cell 104CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **101** | Effect | 0 | |
| **102** | Effect Speed | 0 | |
| **103** | Effects1Adjust1 | 0 | |
| **104** | Function | 0 | |

## Extended 8 Cell 113CH

113 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Dimmer | 0 | |
| **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>224–225 No Function (Shutter Open)<br>226–253 Random pixel slow to fast<br>254–255 No Function(Shutter open) |
| **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 |
| **12** | Color Add RY | 255 | |
| **13** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **14** | Red | 255 | |
| **15** | Red Fine | 255 | Fine byte of Red |
| **16** | Green | 255 | |
| **17** | Green Fine | 255 | Fine byte of Green |
| **18** | Blue | 255 | |
| **19** | Blue Fine | 255 | Fine byte of Blue |
| **20** | Color Add GY | 255 | |
| **21** | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| **22** | Color Add RY | 255 | |
| **23** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **24** | Red | 255 | |
| **25** | Red Fine | 255 | Fine byte of Red |
| **26** | Green | 255 | |
| **27** | Green Fine | 255 | Fine byte of Green |
| **28** | Blue | 255 | |
| **29** | Blue Fine | 255 | Fine byte of Blue |
| **30** | Color Add GY | 255 | |
| **31** | Color Add GY Fine | 255 | Fine byte of Color Add GY |

## Extended 8 Cell 113CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 32 | Color Add RY | 255 | |
| 33 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 34 | Red | 255 | |
| 35 | Red Fine | 255 | Fine byte of Red |
| 36 | Green | 255 | |
| 37 | Green Fine | 255 | Fine byte of Green |
| 38 | Blue | 255 | |
| 39 | Blue Fine | 255 | Fine byte of Blue |
| 40 | Color Add GY | 255 | |
| 41 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 42 | Color Add RY | 255 | |
| 43 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 44 | Red | 255 | |
| 45 | Red Fine | 255 | Fine byte of Red |
| 46 | Green | 255 | |
| 47 | Green Fine | 255 | Fine byte of Green |
| 48 | Blue | 255 | |
| 49 | Blue Fine | 255 | Fine byte of Blue |
| 50 | Color Add GY | 255 | |
| 51 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 52 | Color Add RY | 255 | |
| 53 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 54 | Red | 255 | |
| 55 | Red Fine | 255 | Fine byte of Red |
| 56 | Green | 255 | |
| 57 | Green Fine | 255 | Fine byte of Green |
| 58 | Blue | 255 | |
| 59 | Blue Fine | 255 | Fine byte of Blue |
| 60 | Color Add GY | 255 | |
| 61 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 62 | Color Add RY | 255 | |
| 63 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 64 | Red | 255 | |
| 65 | Red Fine | 255 | Fine byte of Red |
| 66 | Green | 255 | |
| 67 | Green Fine | 255 | Fine byte of Green |
| 68 | Blue | 255 | |
| 69 | Blue Fine | 255 | Fine byte of Blue |
| 70 | Color Add GY | 255 | |
| 71 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 72 | Color Add RY | 255 | |
| 73 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 74 | Red | 255 | |
| 75 | Red Fine | 255 | Fine byte of Red |
| 76 | Green | 255 | |

## Extended 8 Cell 113CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **77** | Green Fine | 255 | Fine byte of Green |
| **78** | Blue | 255 | |
| **79** | Blue Fine | 255 | Fine byte of Blue |
| **80** | Color Add GY | 255 | |
| **81** | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| **82** | Color Add RY | 255 | |
| **83** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **84** | C TC | 0 | |
| **85** | C TC Fine | 0 | Fine byte of C TC |
| **86** | C TC | 0 | |
| **87** | C TC Fine | 0 | Fine byte of C TC |
| **88** | C TC | 0 | |
| **89** | C TC Fine | 0 | Fine byte of C TC |
| **90** | C TC | 0 | |
| **91** | C TC Fine | 0 | Fine byte of C TC |
| **92** | C TC | 0 | |
| **93** | C TC Fine | 0 | Fine byte of C TC |
| **94** | C TC | 0 | |
| **95** | C TC Fine | 0 | Fine byte of C TC |
| **96** | C TC | 0 | |
| **97** | C TC Fine | 0 | Fine byte of C TC |
| **98** | C TC | 0 | |
| **99** | C TC Fine | 0 | Fine byte of C TC |
| **100** | Tint | 128 | |
| **101** | Tint | 128 | |
| **102** | Tint | 128 | |
| **103** | Tint | 128 | |
| **104** | Tint | 128 | |
| **105** | Tint | 128 | |
| **106** | Tint | 128 | |
| **107** | Tint | 128 | |

## Extended 8 Cell 113CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **108** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 Pale Yellow (wheel slot 1)<br>2–2 Straw (wheel slot 2)<br>3–3 Gold Tint (wheel slot 3)<br>4–4 Spring Yellow (wheel slot 4)<br>5–5 Medium Yellow (wheel slot 5)<br>6–6 Yellow (wheel slot 6)<br>7–7 Deep Amber (wheel slot 7)<br>8–8 Deep Straw (wheel slot 8)<br>9–9 Loving Amber (wheel slot 9)<br>10–10 Gold Amber (wheel slot 10)<br>11–11 Orange (wheel slot 11)<br>12–12 Deep Orange (wheel slot 12)<br>13–13 Dark Amber (wheel slot 13)<br>14–14 Millennium Gold (wheel slot 14)<br>15–15 Deep Golden Amber (wheel slot 15)<br>16–16 Scarlet (wheel slot 16)<br>17–17 Primary Red (wheel slot 17)<br>18–18 Bright Red (wheel slot 18)<br>19–19 Medium Red (wheel slot 19)<br>20–20 Fire (wheel slot 20)<br>21–21 Pink (wheel slot 21)<br>22–22 Medium Pink (wheel slot 22)<br>23–23 Dark Pink (wheel slot 23)<br>24–24 Bright Pink (wheel slot 24)<br>25–25 Bright Rose (wheel slot 25)<br>26–26 Special Rose Pink (wheel slot 26)<br>27–27 Vanity Fair (wheel slot 27)<br>28–28 Magenta (wheel slot 28)<br>29–29 Dark Magenta (wheel slot 29)<br>30–30 Rose Purple (wheel slot 30)<br>31–31 Mauve (wheel slot 31)<br>32–32 Medium Purple (wheel slot 32)<br>33–33 Lavender (wheel slot 33)<br>34–34 Palace blue (wheel slot 34)<br>35–35 Dark Blue (wheel slot 35)<br>36–36 Medium Blue (wheel slot 36)<br>37–37 Deep Blue (wheel slot 37)<br>38–38 Daylight Blue (wheel slot 38)<br>39–39 Slate Blue (wheel slot 39)<br>40–40 Light Blue (wheel slot 40)<br>41–41 Sky Blue (wheel slot 41)<br>42–42 Pale Navy Blue (wheel slot 42)<br>43–43 Marine Blue (wheel slot 43)<br>44–44 Peacock Blue (wheel slot 44)<br>45–45 Lagoon Blue (wheel slot 45)<br>46–46 Medium Blue Green (wheel slot 46)<br>47–47 Dark Yellow Green (wheel slot 47)<br>48–48 Primary Green (wheel slot 48)<br>49–49 Fern Green (wheel slot 49)<br>50–50 Moss Green (wheel slot 50)<br>51–51 Dark Green (wheel slot 51)<br>52–52 Lime Green (wheel slot 52)<br>53–53 Pale Green (wheel slot 53)<br>54–54 Quarter CT Blue (wheel slot 54)<br>55–55 Half CT Blue (wheel slot 55)<br>56–56 Full CT Blue (wheel slot 56)<br>57–57 Double CT Blue (wheel slot 57)<br>58–58 Quarter CT Orange (wheel slot 58)<br>59–59 Half CT Orange (wheel slot 59)<br>60–60 Full CT Orange (wheel slot 60)<br>61–179 No Function (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

### Extended 8 Cell 113CH (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 109 | Effect | 0 | |
| 110 | Effect Speed | 0 | |
| 111 | Effects1Adjust1 | 0 | |
| 112 | Dimmer Mode | 0 | |
| 113 | Function | 0 | |

## Extended 16 Cell 217ch

217 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |
| 2 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 3 | Green | 255 | |
| 4 | Green Fine | 255 | Fine byte of Green |
| 5 | Blue | 255 | |
| 6 | Blue Fine | 255 | Fine byte of Blue |
| 7 | Color Add GY | 255 | |
| 8 | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| 9 | Color Add RY | 255 | |
| 10 | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| 11 | Reserved 11 | 0 | |
| 12 | Reserved 12 | 0 | |
| 13 | Reserved 13 | 0 | |
| 14 | Reserved 14 | 0 | |
| 15 | Reserved 15 | 0 | |
| 16 | Reserved 16 | 0 | |
| 17 | Reserved 17 | 0 | |
| 18 | Reserved 18 | 0 | |
| 19 | Reserved 19 | 0 | |
| 20 | Reserved 20 | 0 | |
| 21 | Reserved 21 | 0 | |
| 22 | Reserved 22 | 0 | |
| 23 | Reserved 23 | 0 | |
| 24 | Reserved 24 | 0 | |
| 25 | Reserved 25 | 0 | |
| 26 | Reserved 26 | 0 | |
| 27 | Reserved 27 | 0 | |
| 28 | Reserved 28 | 0 | |
| 29 | Reserved 29 | 0 | |
| 30 | Reserved 30 | 0 | |
| 31 | Reserved 31 | 0 | |
| 32 | Reserved 32 | 0 | |
| 33 | Reserved 33 | 0 | |
| 34 | Reserved 34 | 0 | |
| 35 | Reserved 35 | 0 | |
| 36 | Reserved 36 | 0 | |

## Extended 16 Cell 217ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **37** | Reserved 37 | 0 | |
| **38** | Reserved 38 | 0 | |
| **39** | Reserved 39 | 0 | |
| **40** | Reserved 40 | 0 | |
| **41** | Reserved 41 | 0 | |
| **42** | Reserved 42 | 0 | |
| **43** | Reserved 43 | 0 | |
| **44** | Reserved 44 | 0 | |
| **45** | Reserved 45 | 0 | |
| **46** | Reserved 46 | 0 | |
| **47** | Reserved 47 | 0 | |
| **48** | Reserved 48 | 0 | |
| **49** | Reserved 49 | 0 | |
| **50** | Reserved 50 | 0 | |
| **51** | Reserved 51 | 0 | |
| **52** | Reserved 52 | 0 | |
| **53** | Reserved 53 | 0 | |
| **54** | Reserved 54 | 0 | |
| **55** | Reserved 55 | 0 | |
| **56** | Reserved 56 | 0 | |
| **57** | Reserved 57 | 0 | |
| **58** | Reserved 58 | 0 | |
| **59** | Reserved 59 | 0 | |
| **60** | Reserved 60 | 0 | |
| **61** | Reserved 61 | 0 | |
| **62** | Reserved 62 | 0 | |
| **63** | Reserved 63 | 0 | |
| **64** | Reserved 64 | 0 | |
| **65** | Reserved 65 | 0 | |
| **66** | Reserved 66 | 0 | |
| **67** | Reserved 67 | 0 | |
| **68** | Reserved 68 | 0 | |
| **69** | Reserved 69 | 0 | |
| **70** | Reserved 70 | 0 | |
| **71** | Reserved 71 | 0 | |
| **72** | Reserved 72 | 0 | |
| **73** | Reserved 73 | 0 | |
| **74** | Reserved 74 | 0 | |
| **75** | Reserved 75 | 0 | |
| **76** | Reserved 76 | 0 | |
| **77** | Reserved 77 | 0 | |
| **78** | Reserved 78 | 0 | |
| **79** | Reserved 79 | 0 | |
| **80** | Reserved 80 | 0 | |
| **81** | Reserved 81 | 0 | |

## Extended 16 Cell 217ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **82** | Reserved 82 | 0 | |
| **83** | Reserved 83 | 0 | |
| **84** | Reserved 84 | 0 | |
| **85** | Reserved 85 | 0 | |
| **86** | Reserved 86 | 0 | |
| **87** | Reserved 87 | 0 | |
| **88** | Reserved 88 | 0 | |
| **89** | Reserved 89 | 0 | |
| **90** | Reserved 90 | 0 | |
| **91** | Reserved 91 | 0 | |
| **92** | Reserved 92 | 0 | |
| **93** | Reserved 93 | 0 | |
| **94** | Reserved 94 | 0 | |
| **95** | Reserved 95 | 0 | |
| **96** | Reserved 96 | 0 | |
| **97** | Reserved 97 | 0 | |
| **98** | Reserved 98 | 0 | |
| **99** | Reserved 99 | 0 | |
| **100** | Reserved 100 | 0 | |
| **101** | Reserved 101 | 0 | |
| **102** | Reserved 102 | 0 | |
| **103** | Reserved 103 | 0 | |
| **104** | Reserved 104 | 0 | |
| **105** | Reserved 105 | 0 | |
| **106** | Reserved 106 | 0 | |
| **107** | Reserved 107 | 0 | |
| **108** | Reserved 108 | 0 | |
| **109** | Reserved 109 | 0 | |
| **110** | Reserved 110 | 0 | |
| **111** | Reserved 111 | 0 | |
| **112** | Reserved 112 | 0 | |
| **113** | Reserved 113 | 0 | |
| **114** | Reserved 114 | 0 | |
| **115** | Reserved 115 | 0 | |
| **116** | Reserved 116 | 0 | |
| **117** | Reserved 117 | 0 | |
| **118** | Reserved 118 | 0 | |
| **119** | Reserved 119 | 0 | |
| **120** | Reserved 120 | 0 | |
| **121** | Reserved 121 | 0 | |
| **122** | Reserved 122 | 0 | |
| **123** | Reserved 123 | 0 | |
| **124** | Reserved 124 | 0 | |
| **125** | Reserved 125 | 0 | |
| **126** | Reserved 126 | 0 | |

## Extended 16 Cell 217ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **127** | Reserved 127 | 0 | |
| **128** | Reserved 128 | 0 | |
| **129** | Reserved 129 | 0 | |
| **130** | Reserved 130 | 0 | |
| **131** | Reserved 131 | 0 | |
| **132** | Reserved 132 | 0 | |
| **133** | Reserved 133 | 0 | |
| **134** | Reserved 134 | 0 | |
| **135** | Reserved 135 | 0 | |
| **136** | Reserved 136 | 0 | |
| **137** | Reserved 137 | 0 | |
| **138** | Reserved 138 | 0 | |
| **139** | Reserved 139 | 0 | |
| **140** | Reserved 140 | 0 | |
| **141** | Reserved 141 | 0 | |
| **142** | Reserved 142 | 0 | |
| **143** | Reserved 143 | 0 | |
| **144** | Reserved 144 | 0 | |
| **145** | Reserved 145 | 0 | |
| **146** | Reserved 146 | 0 | |
| **147** | Reserved 147 | 0 | |
| **148** | Reserved 148 | 0 | |
| **149** | Reserved 149 | 0 | |
| **150** | Reserved 150 | 0 | |
| **151** | Reserved 151 | 0 | |
| **152** | Reserved 152 | 0 | |
| **153** | Reserved 153 | 0 | |
| **154** | Reserved 154 | 0 | |
| **155** | Reserved 155 | 0 | |
| **156** | Reserved 156 | 0 | |
| **157** | Reserved 157 | 0 | |
| **158** | Reserved 158 | 0 | |
| **159** | Reserved 159 | 0 | |
| **160** | Reserved 160 | 0 | |
| **161** | Reserved 161 | 0 | |
| **162** | Reserved 162 | 0 | |
| **163** | Reserved 163 | 0 | |
| **164** | C TC | 0 | |
| **165** | C TC Fine | 0 | Fine byte of C TC |
| **166** | C TC | 0 | |
| **167** | C TC Fine | 0 | Fine byte of C TC |
| **168** | C TC | 0 | |
| **169** | C TC Fine | 0 | Fine byte of C TC |
| **170** | C TC | 0 | |
| **171** | C TC Fine | 0 | Fine byte of C TC |

## Extended 16 Cell 217ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 172 | C TC | 0 | |
| 173 | C TC Fine | 0 | Fine byte of C TC |
| 174 | C TC | 0 | |
| 175 | C TC Fine | 0 | Fine byte of C TC |
| 176 | C TC | 0 | |
| 177 | C TC Fine | 0 | Fine byte of C TC |
| 178 | C TC | 0 | |
| 179 | C TC Fine | 0 | Fine byte of C TC |
| 180 | C TC | 0 | |
| 181 | C TC Fine | 0 | Fine byte of C TC |
| 182 | C TC | 0 | |
| 183 | C TC Fine | 0 | Fine byte of C TC |
| 184 | C TC | 0 | |
| 185 | C TC Fine | 0 | Fine byte of C TC |
| 186 | C TC | 0 | |
| 187 | C TC Fine | 0 | Fine byte of C TC |
| 188 | C TC | 0 | |
| 189 | C TC Fine | 0 | Fine byte of C TC |
| 190 | C TC | 0 | |
| 191 | C TC Fine | 0 | Fine byte of C TC |
| 192 | C TC | 0 | |
| 193 | C TC Fine | 0 | Fine byte of C TC |
| 194 | C TC | 0 | |
| 195 | C TC Fine | 0 | Fine byte of C TC |
| 196 | Tint | 128 | |
| 197 | Tint | 128 | |
| 198 | Tint | 128 | |
| 199 | Tint | 128 | |
| 200 | Tint | 128 | |
| 201 | Tint | 128 | |
| 202 | Tint | 128 | |
| 203 | Tint | 128 | |
| 204 | Tint | 128 | |
| 205 | Tint | 128 | |
| 206 | Tint | 128 | |
| 207 | Tint | 128 | |
| 208 | Tint | 128 | |
| 209 | Tint | 128 | |
| 210 | Tint | 128 | |
| 211 | Tint | 128 | |

## Extended 16 Cell 217ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **212** | Color Wheel 2 | 0 | 0–0 Open (wheel slot 61)<br>1–1 Pale Yellow (wheel slot 1)<br>2–2 Straw (wheel slot 2)<br>3–3 Gold Tint (wheel slot 3)<br>4–4 Spring Yellow (wheel slot 4)<br>5–5 Medium Yellow (wheel slot 5)<br>6–6 Yellow (wheel slot 6)<br>7–7 Deep Amber (wheel slot 7)<br>8–8 Deep Straw (wheel slot 8)<br>9–9 Loving Amber (wheel slot 9)<br>10–10 Gold Amber (wheel slot 10)<br>11–11 Orange (wheel slot 11)<br>12–12 Deep Orange (wheel slot 12)<br>13–13 Dark Amber (wheel slot 13)<br>14–14 Millennium Gold (wheel slot 14)<br>15–15 Deep Golden Amber (wheel slot 15)<br>16–16 Scarlet (wheel slot 16)<br>17–17 Primary Red (wheel slot 17)<br>18–18 Bright Red (wheel slot 18)<br>19–19 Medium Red (wheel slot 19)<br>20–20 Fire (wheel slot 20)<br>21–21 Pink (wheel slot 21)<br>22–22 Medium Pink (wheel slot 22)<br>23–23 Dark Pink (wheel slot 23)<br>24–24 Bright Pink (wheel slot 24)<br>25–25 Bright Rose (wheel slot 25)<br>26–26 Special Rose Pink (wheel slot 26)<br>27–27 Vanity Fair (wheel slot 27)<br>28–28 Magenta (wheel slot 28)<br>29–29 Dark Magenta (wheel slot 29)<br>30–30 Rose Purple (wheel slot 30)<br>31–31 Mauve (wheel slot 31)<br>32–32 Medium Purple (wheel slot 32)<br>33–33 Lavender (wheel slot 33)<br>34–34 Palace blue (wheel slot 34)<br>35–35 Dark Blue (wheel slot 35)<br>36–36 Medium Blue (wheel slot 36)<br>37–37 Deep Blue (wheel slot 37)<br>38–38 Daylight Blue (wheel slot 38)<br>39–39 Slate Blue (wheel slot 39)<br>40–40 Light Blue (wheel slot 40)<br>41–41 Sky Blue (wheel slot 41)<br>42–42 Pale Navy Blue (wheel slot 42)<br>43–43 Marine Blue (wheel slot 43)<br>44–44 Peacock Blue (wheel slot 44)<br>45–45 Lagoon Blue (wheel slot 45)<br>46–46 Medium Blue Green (wheel slot 46)<br>47–47 Dark Yellow Green (wheel slot 47)<br>48–48 Primary Green (wheel slot 48)<br>49–49 Fern Green (wheel slot 49)<br>50–50 Moss Green (wheel slot 50)<br>51–51 Dark Green (wheel slot 51)<br>52–52 Lime Green (wheel slot 52)<br>53–53 Pale Green (wheel slot 53)<br>54–54 Quarter CT Blue (wheel slot 54)<br>55–55 Half CT Blue (wheel slot 55)<br>56–56 Full CT Blue (wheel slot 56)<br>57–57 Double CT Blue (wheel slot 57)<br>58–58 Quarter CT Orange (wheel slot 58)<br>59–59 Half CT Orange (wheel slot 59)<br>60–60 Full CT Orange (wheel slot 60)<br>61–179 No Function (wheel slot 61)<br>180–201 CW fast to slow<br>202–207 Stop |

## Extended 16 Cell 217ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **213** | Effect | 0 | |
| **214** | Effect Speed | 0 | |
| **215** | Effects1Adjust1 | 0 | |
| **216** | Dimmer Mode | 0 | |
| **217** | Function | 0 | |