Elation

# Fuze Wash 500 Barndoor



| | |
|---|---|
| Manufacturer | **Elation** |
| Type | **Profile spot** |
| DMX modes | **12** |
| DMX footprint | **19, 20, 21, 26, 30 channels** |
| Beam angle | **10-45°** |
| Pan range | **630°** |
| Tilt range | **250°** |
| Size (W × H × D) | **279 × 356 × 229 mm** |
| GDTF fixture type | **B9F02319-4E16-4E5A-B72C-69…** |

## Controls

Zoom · CMY colour mixing · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed

## Safety-relevant functions

Strobe

## DMX modes

| | |
|---|---|
| CMY Pan540 | 19 ch |
| CMY Pan630 | 19 ch |
| RGB Pan540 | 20 ch |
| RGB Pan630 | 20 ch |
| Standard Pan540 | 21 ch |
| Standard Pan630 | 21 ch |
| CMY Extended Pan540 | 26 ch |
| CMY Extended Pan630 | 26 ch |
| RGB Extended Pan540 | 26 ch |
| RGB Extended Pan630 | 26 ch |
| Extended Pan540 | 30 ch |
| Extended Pan630 | 30 ch |

## CMY Pan540

19 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 127 | |
| **2** | Pan Fine | 127 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Cyan | 0 | |
| **6** | Magenta | 0 | |
| **7** | Yellow | 0 | |
| **8** | C TO | 0 | |

## CMY Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 9 | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

### CMY Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Zoom | 127 | |
| **11** | 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) |
| **12** | 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 |
| **13** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **14** | Blade1A | 0 | |
| **15** | Blade3A | 0 | |
| **16** | Blade2A | 0 | |
| **17** | Blade4A | 0 | |
| **18** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **19** | Function | 0 | |

## CMY Pan630

19 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 109 | |
| **2** | Pan Fine | 182 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Cyan | 0 | |
| **6** | Magenta | 0 | |
| **7** | Yellow | 0 | |
| **8** | C TO | 0 | |

## CMY Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 9 | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

### CMY Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Zoom | 127 | |
| **11** | 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) |
| **12** | 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 |
| **13** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **14** | Blade1A | 0 | |
| **15** | Blade3A | 0 | |
| **16** | Blade2A | 0 | |
| **17** | Blade4A | 0 | |
| **18** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **19** | Function | 0 | |

## RGB Pan540

20 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 128 | |
| **2** | Pan Fine | 0 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Red | 255 | |
| **6** | Green | 255 | |
| **7** | Blue | 255 | |
| **8** | C TO | 0 | |

## RGB Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 9 | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

### RGB Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Zoom | 127 | |
| **11** | 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) |
| **12** | 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 |
| **13** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **14** | Blade1A | 0 | |
| **15** | Blade3A | 0 | |
| **16** | Blade2A | 0 | |
| **17** | Blade4A | 0 | |
| **18** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **19** | Position MSpeed | 0 | 0–225 Max to Min speed<br>226–235 Blackout by Movement<br>236–245 Blackout by All Wheel Changing<br>246–255 No Function |
| **20** | Control1 | 0 | |

## RGB Pan630

20 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 109 | |
| **2** | Pan Fine | 182 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Red | 255 | |
| **6** | Green | 255 | |
| **7** | Blue | 255 | |
| **8** | C TO | 0 | |

## RGB Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 9 | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

### RGB Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Zoom | 127 | |
| **11** | 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) |
| **12** | 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 |
| **13** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **14** | Blade1A | 0 | |
| **15** | Blade3A | 0 | |
| **16** | Blade2A | 0 | |
| **17** | Blade4A | 0 | |
| **18** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **19** | Position MSpeed | 0 | 0–225 Max to Min speed<br>226–235 Blackout by Movement<br>236–245 Blackout by All Wheel Changing<br>246–255 No Function |
| **20** | Control1 | 0 | |

## Standard Pan540

21 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 128 | |
| **2** | Pan Fine | 0 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Red | 255 | |
| **6** | Green | 255 | |
| **7** | Blue | 255 | |
| **8** | Color Add GY | 255 | |
| **9** | Color Add RY | 255 | |
| **10** | C TO | 0 | |

## Standard Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

### Standard Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **12** | Zoom | 127 | |
| **13** | 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) |
| **14** | 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 |
| **15** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **16** | Blade1A | 0 | |
| **17** | Blade3A | 0 | |
| **18** | Blade2A | 0 | |
| **19** | Blade4A | 0 | |
| **20** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **21** | Control1 | 0 | |

## Standard Pan630

21 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 109 | |
| **2** | Pan Fine | 182 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Red | 255 | |
| **6** | Green | 255 | |
| **7** | Blue | 255 | |
| **8** | Color Add GY | 255 | |
| **9** | Color Add RY | 255 | |
| **10** | C TO | 0 | |

## Standard Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 11 | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

### Standard Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 12 | Zoom | 127 | |
| 13 | 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) |
| 14 | 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 |
| 15 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 16 | Blade1A | 0 | |
| 17 | Blade3A | 0 | |
| 18 | Blade2A | 0 | |
| 19 | Blade4A | 0 | |
| 20 | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| 21 | Control1 | 0 | |

## CMY Extended Pan540

26 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Pan | 127 | |
| 2 | Pan Fine | 127 | Fine byte of Pan |
| 3 | Tilt | 127 | |
| 4 | Tilt Fine | 127 | Fine byte of Tilt |
| 5 | Cyan | 0 | |
| 6 | Cyan Fine | 0 | Fine byte of Cyan |
| 7 | Magenta | 0 | |
| 8 | Magenta Fine | 0 | Fine byte of Magenta |
| 9 | Yellow | 0 | |
| 10 | Yellow Fine | 0 | Fine byte of Yellow |
| 11 | C TO | 0 | |

## CMY Extended Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 12 | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

## CMY Extended Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | 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 |
| **14** | Color Mix Mode | 128 | 0–254 CTC CrossFade<br>255–255 Color Mix |
| **15** | Zoom | 127 | |
| **16** | 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) |
| **17** | 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 |
| **18** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **19** | 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 |
| **20** | Blade1A | 0 | |
| **21** | Blade3A | 0 | |
| **22** | Blade2A | 0 | |
| **23** | Blade4A | 0 | |

### CMY Extended Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **25** | Position MSpeed | 0 | 0–225 Max to Min speed<br>226–235 Blackout by Movement<br>236–245 Blackout by All Wheel Changing<br>246–255 No Function |
| **26** | Function | 0 | |

## CMY Extended Pan630

26 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 109 | |
| **2** | Pan Fine | 182 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Cyan | 0 | |
| **6** | Cyan Fine | 0 | Fine byte of Cyan |
| **7** | Magenta | 0 | |
| **8** | Magenta Fine | 0 | Fine byte of Magenta |
| **9** | Yellow | 0 | |
| **10** | Yellow Fine | 0 | Fine byte of Yellow |
| **11** | C TO | 0 | |

## CMY Extended Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **12** | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

## CMY Extended Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | 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 |
| **14** | Color Mix Mode | 0 | 0–254 CTC CrossFade<br>255–255 Color Mix |
| **15** | Zoom | 127 | |
| **16** | 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) |
| **17** | 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 |
| **18** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **19** | 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 |
| **20** | Blade1A | 0 | |
| **21** | Blade3A | 0 | |
| **22** | Blade2A | 0 | |
| **23** | Blade4A | 0 | |

### CMY Extended Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **25** | Position MSpeed | 0 | 0–225 Max to Min speed<br>226–235 Blackout by Movement<br>236–245 Blackout by All Wheel Changing<br>246–255 No Function |
| **26** | Function | 0 | |

## RGB Extended Pan540

26 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 128 | |
| **2** | Pan Fine | 0 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Red | 0 | |
| **6** | Red Fine | 255 | Fine byte of Red |
| **7** | Green | 0 | |
| **8** | Green Fine | 255 | Fine byte of Green |
| **9** | Blue | 0 | |
| **10** | Blue Fine | 255 | Fine byte of Blue |
| **11** | C TO | 0 | |

## RGB Extended Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **12** | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

## RGB Extended Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | 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 |
| **14** | Color Mix Mode | 128 | 0–254 CTC CrossFade<br>255–255 Color Mix |
| **15** | Zoom | 127 | |
| **16** | 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) |
| **17** | 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 |
| **18** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **19** | 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 |
| **20** | Blade1A | 0 | |
| **21** | Blade3A | 0 | |
| **22** | Blade2A | 0 | |
| **23** | Blade4A | 0 | |

### RGB Extended Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **25** | Position MSpeed | 0 | 0–225 Max to Min speed<br>226–235 Blackout by Movement<br>236–245 Blackout by All Wheel Changing<br>246–255 No Function |
| **26** | Control1 | 0 | |

## RGB Extended Pan630

26 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 109 | |
| **2** | Pan Fine | 182 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Red | 255 | |
| **6** | Red Fine | 255 | Fine byte of Red |
| **7** | Green | 255 | |
| **8** | Green Fine | 255 | Fine byte of Green |
| **9** | Blue | 255 | |
| **10** | Blue Fine | 255 | Fine byte of Blue |
| **11** | C TO | 0 | |

## RGB Extended Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **12** | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

## RGB Extended Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | 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 |
| **14** | Color Mix Mode | 0 | 0–254 CTC CrossFade<br>255–255 Color Mix |
| **15** | Zoom | 127 | |
| **16** | 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) |
| **17** | 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 |
| **18** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **19** | 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 |
| **20** | Blade1A | 0 | |
| **21** | Blade3A | 0 | |
| **22** | Blade2A | 0 | |
| **23** | Blade4A | 0 | |

### RGB Extended Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **24** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **25** | Position MSpeed | 0 | 0–225 Max to Min speed<br>226–235 Blackout by Movement<br>236–245 Blackout by All Wheel Changing<br>246–255 No Function |
| **26** | Control1 | 0 | |

## Extended Pan540

30 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 128 | |
| **2** | Pan Fine | 0 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Red | 255 | |
| **6** | Red Fine | 255 | Fine byte of Red |
| **7** | Green | 255 | |
| **8** | Green Fine | 255 | Fine byte of Green |
| **9** | Blue | 255 | |
| **10** | Blue Fine | 255 | Fine byte of Blue |
| **11** | Color Add GY | 255 | |
| **12** | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| **13** | Color Add RY | 255 | |
| **14** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **15** | C TO | 0 | |

## Extended Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **16** | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

## Extended Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **17** | 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 |
| **18** | Color Mix Mode | 128 | 0–254 CTC CrossFade<br>255–255 Color Mix |
| **19** | Zoom | 127 | |
| **20** | 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) |
| **21** | 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 |
| **22** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **23** | 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 |
| **24** | Blade1A | 0 | |
| **25** | Blade3A | 0 | |
| **26** | Blade2A | 0 | |
| **27** | Blade4A | 0 | |

### Extended Pan540 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **28** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **29** | Position MSpeed | 0 | 0–225 Max to Min speed<br>226–235 Blackout by Movement<br>236–245 Blackout by All Wheel Changing<br>246–255 No Function |
| **30** | Control1 | 0 | |

## Extended Pan630

30 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 109 | |
| **2** | Pan Fine | 182 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 127 | Fine byte of Tilt |
| **5** | Red | 255 | |
| **6** | Red Fine | 255 | Fine byte of Red |
| **7** | Green | 255 | |
| **8** | Green Fine | 255 | Fine byte of Green |
| **9** | Blue | 255 | |
| **10** | Blue Fine | 255 | Fine byte of Blue |
| **11** | Color Add GY | 255 | |
| **12** | Color Add GY Fine | 255 | Fine byte of Color Add GY |
| **13** | Color Add RY | 255 | |
| **14** | Color Add RY Fine | 255 | Fine byte of Color Add RY |
| **15** | C TO | 0 | |

## Extended Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **16** | Color Wheel | 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<br>180–201 Clockwise fast to slow<br>202–207 Stop |

## Extended Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **17** | 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 |
| **18** | Color Mix Mode | 0 | 0–254 CTC CrossFade<br>255–255 Color Mix |
| **19** | Zoom | 127 | |
| **20** | 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) |
| **21** | 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 |
| **22** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **23** | 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 |
| **24** | Blade1A | 0 | |
| **25** | Blade3A | 0 | |
| **26** | Blade2A | 0 | |
| **27** | Blade4A | 0 | |

## Extended Pan630 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **28** | Shaper Rot | 219 | 0–180 0-360 Index<br>181–198 Fast<br>199–216 Med<br>217–217 Slow<br>218–218 Stop<br>219–236 Slow<br>237–254 Med<br>255–255 Fast |
| **29** | Position MSpeed | 0 | 0–225 Max to Min speed<br>226–235 Blackout by Movement<br>236–245 Blackout by All Wheel Changing<br>246–255 No Function |
| **30** | Control1 | 0 | |