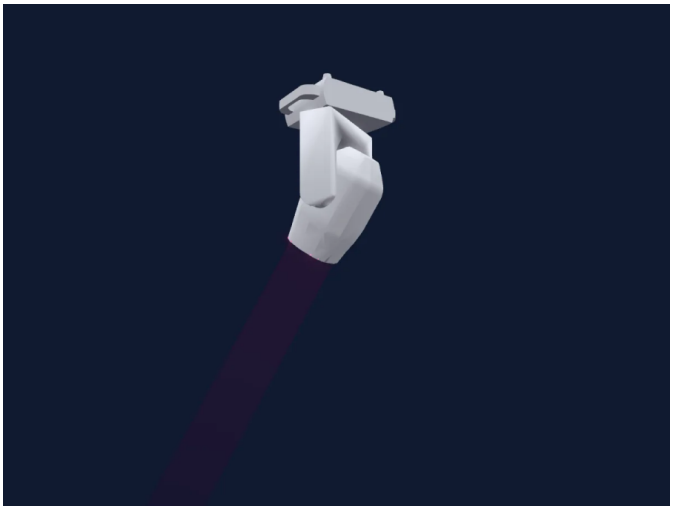
MegaLite

# EB1



| | |
|---|---|
| Manufacturer | **MegaLite** |
| Type | **Moving head** |
| DMX modes | **2** |
| DMX footprint | **22, 70 channels** |
| Beam angle | **5°** |
| Pan range | **540°** |
| Tilt range | **270°** |
| Heads / cells | **18** |
| Size (W × H × D) | **251 × 359 × 214 mm** |
| GDTF fixture type | **1F6FED2F-A864-11ED-97FE-52…** |

## Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed · Gobos

## Safety-relevant functions

Fixture reset · Built-in effect programmes

## DMX modes

| | |
|---|---|
| 22Ch Mode | 22 ch |
| 70Ch Mode | 70 ch |

## 22Ch Mode

22 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Pan | 127 | |
| 2 | Pan Fine | 255 | Fine byte of Pan |
| 3 | Tilt | 127 | |
| 4 | Tilt Fine | 255 | Fine byte of Tilt |
| 5 | Position MSpeed | 0 | |
| 6 | Dimmer | 0 | |
| 7 | Shutter / Strobe | 255 | 0–2 Shutter Closed - Shutter Closed<br>3–7 Shutter Open - Shutter Open<br>8–98 Strobe S > F - Strobe<br>99–101 Shutter Open - Shutter Open<br>102–126 Strobe Pulse Open - Strobe Pulse Open<br>127–205 Strobe Pulse Closed - Strobe Pulse Closed<br>206–209 Shutter Open - Shutter Open<br>210–250 Strobe Random - Strobe Random<br>251–255 Shutter Open - Shutter Open |
| 8 | Color Wheel | 0 | 0–4 Open - Color (wheel slot 1)<br>5–8 Red - Color (wheel slot 2)<br>9–12 Yellow - Color (wheel slot 3)<br>13–17 Blue - Color (wheel slot 4)<br>18–21 Green - Color (wheel slot 5)<br>22–25 Magenta - Color (wheel slot 6)<br>26–29 Orange - Color (wheel slot 7)<br>30–34 Light Blue - Color (wheel slot 8)<br>35–38 Lime - Color (wheel slot 9)<br>39–42 Pink - Color (wheel slot 10)<br>43–46 Candy Apple - Color (wheel slot 11)<br>47–51 Purple - Color (wheel slot 12)<br>52–55 Lilac - Color (wheel slot 13)<br>56–59 Laser Green - Color (wheel slot 14)<br>60–63 CTO - CTO (wheel slot 15)<br>64–68 Open > Red - Color<br>69–72 Red > Yellow - Color<br>73–76 Yellow > Blue - Color<br>77–81 Blue > Green - Color<br>82–85 Green > Magenta - Color<br>86–89 Magenta > Orange - Color<br>90–93 Orange > Light Blue - Color<br>94–98 Light Blue > Lime - Color<br>99–102 Lime > Pink - Color<br>103–106 Pink > Candy Apple - Color<br>107–110 Candy Apple > Purple - Color<br>111–115 Purple > Lilac - Color<br>116–119 Lilac > Laser Green - Color<br>120–123 Laser Green > CTO - Color<br>124–127 CTO > Open - Color<br>128–190 S > F - Rotate CW<br>191–255 F > S - Rotate CCW |

## 22Ch Mode (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **9** | Gobo | 0 | 0–4 Open - Gobo Open (wheel slot 1)<br>5–12 Gobo 1 - Gobo (wheel slot 2)<br>13–20 Gobo 2 - Gobo (wheel slot 3)<br>21–28 Gobo 3 - Gobo (wheel slot 4)<br>29–36 Gobo 4 - Gobo (wheel slot 5)<br>37–44 Gobo 5 - Gobo (wheel slot 6)<br>45–52 Gobo 6 - Gobo (wheel slot 7)<br>53–60 Gobo 7 - Gobo (wheel slot 8)<br>61–68 Gobo 8 - Gobo (wheel slot 9)<br>69–76 Gobo 9 - Gobo (wheel slot 10)<br>77–84 Gobo 10 - Gobo (wheel slot 11)<br>85–92 Gobo 11 - Gobo (wheel slot 12)<br>93–102 Gobo 12 - Gobo (wheel slot 13)<br>103–176 S > F - Rotate CW<br>177–255 F > S - Rotate CCW |
| **10** | Prism | 0 | 0–63 Open - Prism (wheel slot 1)<br>64–255 Prism - Prism (wheel slot 2) |
| **11** | Prism Rotation | 0 | 0–127 Indexing - Indexing<br>128–191 F > S - Rotate CW<br>192–255 S > F - Rotate CCW |
| **12** | Frost1 | 0 | 0–63 Frost Open - Frost Open<br>64–255 Full Frost - Full Frost |
| **13** | Focus | 127 | |
| **14** | Dimmer | 0 | |
| **15** | Red | 255 | |
| **16** | Green | 255 | |
| **17** | Blue | 255 | |
| **18** | Effect | 0 | 0–0 No Function - Custom<br>1–8 Effect 1 - Effect<br>9–16 Effect 2 - Effect<br>17–24 Effect 3 - Effect<br>25–32 Effect 4 - Effect<br>33–40 Effect 5 - Effect<br>41–48 Effect 6 - Effect<br>49–56 Effect 7 - Effect<br>57–64 Effect 8 - Effect<br>65–72 Effect 9 - Effect<br>73–80 Effect 10 - Effect<br>81–88 Effect 11 - Effect<br>89–96 Effect 12 - Effect<br>97–112 Effect 13 - Effect<br>113–120 Effect 15 - Effect<br>121–128 Effect 16 - Effect<br>129–136 Effect 17 - Effect<br>137–144 Effect 18 - Effect<br>145–152 Effect 19 - Effect<br>153–255 Effect 20 - Effect |
| **19** | Effect Speed | 0 | 0–127 F > S - Speed<br>128–255 S > F - Speed |

### 22Ch Mode (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **20** | Color Effects1 | 0 | 0–1 No Function - Custom<br>2–21 Red Background - Color<br>22–41 Green Background - Color<br>42–61 Blue Background - Color<br>62–81 Yellow Background - Color<br>82–101 Cyan Background - Color<br>102–121 Magenta Background - Color<br>122–141 Lime Background - Color<br>142–160 Purple Background - Color<br>161–161 White Background - Color<br>162–255 Multi Color Effect - Effect |
| **21** | Color Mix MSpeed | 0 | 0–127 F > S - Speed<br>128–255 S > F - Speed |
| **22** | Control1 | 0 | 0–49 No Function - Custom<br>50–100 P/T Reset - Reset<br>101–200 Head Reset - Reset<br>201–255 All Motor Reset - Reset |

## 70Ch Mode

70 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 127 | |
| **2** | Pan Fine | 255 | Fine byte of Pan |
| **3** | Tilt | 127 | |
| **4** | Tilt Fine | 255 | Fine byte of Tilt |
| **5** | Position MSpeed | 0 | |
| **6** | Dimmer | 0 | |
| **7** | Shutter / Strobe | 255 | 0–2 Shutter Closed - Shutter Closed<br>3–7 Shutter Open - Shutter Open<br>8–98 Strobe S > F - Strobe<br>99–101 Shutter Open - Shutter Open<br>102–126 Strobe Pulse Open - Strobe Pulse Open<br>127–205 Strobe Pulse Closed - Strobe Pulse Closed<br>206–209 Shutter Open - Shutter Open<br>210–250 Strobe Random - Strobe Random<br>251–255 Shutter Open - Shutter Open |

## 70Ch Mode (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **8** | Color Wheel | 0 | 0–4 Open - Color (wheel slot 1)<br>5–8 Red - Color (wheel slot 2)<br>9–12 Yellow - Color (wheel slot 3)<br>13–17 Blue - Color (wheel slot 4)<br>18–21 Green - Color (wheel slot 5)<br>22–25 Magenta - Color (wheel slot 6)<br>26–29 Orange - Color (wheel slot 7)<br>30–34 Light Blue - Color (wheel slot 8)<br>35–38 Lime - Color (wheel slot 9)<br>39–42 Pink - Color (wheel slot 10)<br>43–46 Candy Apple - Color (wheel slot 11)<br>47–51 Purple - Color (wheel slot 12)<br>52–55 Lilac - Color (wheel slot 13)<br>56–59 Laser Green - Color (wheel slot 14)<br>60–63 CTO - CTO (wheel slot 15)<br>64–68 Open > Red - Color<br>69–72 Red > Yellow - Color<br>73–76 Yellow > Blue - Color<br>77–81 Blue > Green - Color<br>82–85 Green > Magenta - Color<br>86–89 Magenta > Orange - Color<br>90–93 Orange > Light Blue - Color<br>94–98 Light Blue > Lime - Color<br>99–102 Lime > Pink - Color<br>103–106 Pink > Candy Apple - Color<br>107–110 Candy Apple > Purple - Color<br>111–115 Purple > Lilac - Color<br>116–119 Lilac > Laser Green - Color<br>120–123 Laser Green > CTO - Color<br>124–127 CTO > Open - Color<br>128–190 S > F - Rotate CW<br>191–255 F > S - Rotate CCW |
| **9** | Gobo | 0 | 0–4 Open - Gobo Open (wheel slot 1)<br>5–12 Gobo 1 - Gobo (wheel slot 2)<br>13–20 Gobo 2 - Gobo (wheel slot 3)<br>21–28 Gobo 3 - Gobo (wheel slot 4)<br>29–36 Gobo 4 - Gobo (wheel slot 5)<br>37–44 Gobo 5 - Gobo (wheel slot 6)<br>45–52 Gobo 6 - Gobo (wheel slot 7)<br>53–60 Gobo 7 - Gobo (wheel slot 8)<br>61–68 Gobo 8 - Gobo (wheel slot 9)<br>69–76 Gobo 9 - Gobo (wheel slot 10)<br>77–84 Gobo 10 - Gobo (wheel slot 11)<br>85–92 Gobo 11 - Gobo (wheel slot 12)<br>93–102 Gobo 12 - Gobo (wheel slot 13)<br>103–176 S > F - Rotate CW<br>177–255 F > S - Rotate CCW |
| **10** | Prism | 0 | 0–63 Open - Prism (wheel slot 1)<br>64–255 Prism - Prism (wheel slot 2) |
| **11** | Prism Rotation | 0 | |
| **12** | Frost1 | 0 | |
| **13** | Focus | 127 | |
| **14** | Dimmer | 0 | |
| **15** | Red | 255 | |
| **16** | Green | 255 | |
| **17** | Blue | 255 | |

## 70Ch Mode (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 18 | Effect | 0 | 0–0 No Function - Custom<br>1–8 Effect 1 - Effect<br>9–16 Effect 2 - Effect<br>17–24 Effect 3 - Effect<br>25–32 Effect 4 - Effect<br>33–40 Effect 5 - Effect<br>41–48 Effect 6 - Effect<br>49–56 Effect 7 - Effect<br>57–64 Effect 8 - Effect<br>65–72 Effect 9 - Effect<br>73–80 Effect 10 - Effect<br>81–88 Effect 11 - Effect<br>89–96 Effect 12 - Effect<br>97–112 Effect 13 - Effect<br>113–120 Effect 15 - Effect<br>121–128 Effect 16 - Effect<br>129–136 Effect 17 - Effect<br>137–144 Effect 18 - Effect<br>145–152 Effect 19 - Effect<br>153–255 Effect 20 - Effect |
| 19 | Effect Speed | 0 | |
| 20 | Color Effects1 | 0 | |
| 21 | Color Mix MSpeed | 0 | |
| 22 | Control1 | 0 | |
| 23 | Red | 255 | |
| 24 | Green | 255 | |
| 25 | Blue | 255 | |
| 26 | Red | 255 | |
| 27 | Green | 255 | |
| 28 | Blue | 255 | |
| 29 | Red | 255 | |
| 30 | Green | 255 | |
| 31 | Blue | 255 | |
| 32 | Red | 255 | |
| 33 | Green | 255 | |
| 34 | Blue | 255 | |
| 35 | Red | 255 | |
| 36 | Green | 255 | |
| 37 | Blue | 255 | |
| 38 | Red | 255 | |
| 39 | Green | 255 | |
| 40 | Blue | 255 | |
| 41 | Red | 255 | |
| 42 | Green | 255 | |
| 43 | Blue | 255 | |
| 44 | Red | 255 | |
| 45 | Green | 255 | |
| 46 | Blue | 255 | |
| 47 | Red | 255 | |
| 48 | Green | 255 | |
| 49 | Blue | 255 | |

## 70Ch Mode (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **50** | Red | 255 | |
| **51** | Green | 255 | |
| **52** | Blue | 255 | |
| **53** | Red | 255 | |
| **54** | Green | 255 | |
| **55** | Blue | 255 | |
| **56** | Red | 255 | |
| **57** | Green | 255 | |
| **58** | Blue | 255 | |
| **59** | Red | 255 | |
| **60** | Green | 255 | |
| **61** | Blue | 255 | |
| **62** | Red | 255 | |
| **63** | Green | 255 | |
| **64** | Blue | 255 | |
| **65** | Red | 255 | |
| **66** | Green | 255 | |
| **67** | Blue | 255 | |
| **68** | Red | 255 | |
| **69** | Green | 255 | |
| **70** | Blue | 255 | |