Ayrton

# MiniPanel FX



| | |
|---|---|
| Manufacturer | **Ayrton** |
| Type | **Moving head** |
| DMX modes | **3** |
| DMX footprint | **18, 19, 22 channels** |
| Beam angle | **3.6-53°** |
| Pan range | **540°** |
| Tilt range | **540°** |
| Size (W × H × D) | **231 × 191 × 201 mm** |
| GDTF fixture type | **3EE1DD13-03BB-440A-B5C4-F4…** |

## Controls

Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer · Movement speed

## Safety-relevant functions

Fixture reset · Strobe

## DMX modes

| | |
|---|---|
| Extended | 18 ch |
| Basic | 19 ch |
| Standard | 22 ch |

## Extended

18 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 170 | |
| **2** | Pan Fine | 0 | Fine byte of Pan |
| **3** | Tilt | 128 | |
| **4** | Tilt Fine | 0 | Fine byte of Tilt |
| **5** | Position MSpeed | 0 | 0–225 PositionMSpeed 1<br>226–235 Blackout by movement<br>236–255 NoFeature 3 |
| **6** | Pan Rotate | 0 | 0–63 Stop by SpinOut<br>64–127 Stop by ShortCut<br>128–188 CW max<br>189–189 CW min<br>190–193 Pause<br>194–254 CCW min<br>255–255 CCW max |
| **7** | Tilt Rotate | 0 | 0–63 Stop by SpinOut<br>64–127 Stop by ShortCut<br>128–188 CW max<br>189–189 CW min<br>190–193 Pause<br>194–254 CCW min<br>255–255 CCW max |
| **8** | Shutter / Strobe | 32 | 0–31 led off<br>32–63 LED ON<br>64–94 Min Strobe<br>95–95 Max Strobe<br>96–127 LED ON 1<br>128–158 Min Pulse<br>159–159 Max Pulse<br>160–191 LED ON 2<br>192–222 Min Random<br>223–223 Max Random<br>224–255 LED ON 3 |
| **9** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **10** | Color Macro1 | 0 | 0–7 No Fonction<br>8–39 from RED to YELLOW<br>40–71 from YELLOW to GREEN<br>72–103 from GREEN to CYAN<br>104–135 from CYAN to BLUE<br>136–167 from BLUE to MAGENTA<br>168–199 from MAGENTA to RED<br>200–231 from RED to WHITE<br>232–255 Crossfading colours from slow to fast |

## Extended (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Color Wheel | 0 | 0–4 Open (wheel slot 1)<br>5–9 White2700k (wheel slot 2)<br>10–14 White3200k (wheel slot 3)<br>15–19 White4200k (wheel slot 4)<br>20–24 White5600k (wheel slot 5)<br>25–29 White6500k (wheel slot 6)<br>30–34 White8000k (wheel slot 7)<br>35–39 Yellow (wheel slot 8)<br>40–44 Magenta (wheel slot 9)<br>45–49 Cyan (wheel slot 10)<br>50–54 Salmon (wheel slot 11)<br>55–59 Turquoise (wheel slot 12)<br>60–64 Light Green (wheel slot 13)<br>65–69 Steel Blue (wheel slot 14)<br>70–74 Orange (wheel slot 15)<br>75–79 Straw (wheel slot 16)<br>80–84 Pale Lavander (wheel slot 17)<br>85–89 Pink (wheel slot 18)<br>90–94 Red (wheel slot 19)<br>95–99 Green (wheel slot 20)<br>100–104 Blue (wheel slot 21)<br>105–109 White (wheel slot 22)<br>110–114 Rainbow1 (wheel slot 23)<br>115–119 Rainbow2 (wheel slot 24)<br>120–255 Rainbow3 (wheel slot 25) |
| **12** | Color Preset Dimmer | 0 | |
| **13** | Chase Patterns | 0 | 0–9 No Chase<br>10–14 Chase 1<br>15–19 Chase 2<br>20–24 Chase 3<br>25–29 Chase 4<br>30–34 Chase 5<br>35–39 Chase 6<br>40–44 Chase 7<br>45–49 Chase 8<br>50–54 Chase 9<br>55–59 Chase 10<br>60–64 Chase 11<br>65–69 Chase 12<br>70–74 Chase 13<br>75–79 Chase 14<br>80–84 Chase 15<br>85–89 Chase 16<br>90–94 Chase 17<br>95–99 Chase 18<br>100–104 Chase 19<br>105–109 Chase 20<br>110–255 NoFeature 2 |
| **14** | Chase Speed | 0 | 0–49 <<<<br>50–119 <<<br>120–127 <<br>128–134 Stop(=0)<br>135–204 ><br>205–254 >><br>255–255 >>> |
| **15** | Chase Fade | 0 | |
| **16** | Zoom | 127 | 0–126 Narrow<br>127–254 Mid<br>255–255 Wide |
| **17** | Zoom Fine | 255 | Fine byte of Zoom |

### Extended (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **18** | Fixture Global Reset | 0 | 0–79 Normal<br>80–84 All motor reset<br>85–96 PAN/TILT motor reset<br>97–255 Others motor reset |

## Basic

19 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 170 | |
| **2** | Tilt | 128 | |
| **3** | Position MSpeed | 0 | 0–225 PositionMSpeed 1<br>226–235 Blackout by movement<br>236–255 NoFeature 3 |
| **4** | Pan Rotate | 0 | 0–63 Stop by SpinOut<br>64–127 Stop by ShortCut<br>128–188 CW max<br>189–189 CW min<br>190–193 Pause<br>194–254 CCW min<br>255–255 CCW max |
| **5** | Tilt Rotate | 0 | 0–63 Stop by SpinOut<br>64–127 Stop by ShortCut<br>128–188 CW max<br>189–189 CW min<br>190–193 Pause<br>194–254 CCW min<br>255–255 CCW max |
| **6** | Red | 0 | |
| **7** | Green | 0 | |
| **8** | Blue | 0 | |
| **9** | White | 255 | |
| **10** | Shutter / Strobe | 32 | 0–31 led off<br>32–63 LED ON<br>64–94 Min Strobe<br>95–95 Max Strobe<br>96–127 LED ON 1<br>128–158 Min Pulse<br>159–159 Max Pulse<br>160–191 LED ON 2<br>192–222 Min Random<br>223–223 Max Random<br>224–255 LED ON 3 |
| **11** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **12** | Color Macro1 | 0 | 0–7 No Fonction<br>8–39 from RED to YELLOW<br>40–71 from YELLOW to GREEN<br>72–103 from GREEN to CYAN<br>104–135 from CYAN to BLUE<br>136–167 from BLUE to MAGENTA<br>168–199 from MAGENTA to RED<br>200–231 from RED to WHITE<br>232–255 Crossfading colours from slow to fast |

## Basic (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **13** | Color Wheel | 0 | 0–4 Open (wheel slot 1)<br>5–9 White2700k (wheel slot 2)<br>10–14 White3200k (wheel slot 3)<br>15–19 White4200k (wheel slot 4)<br>20–24 White5600k (wheel slot 5)<br>25–29 White6500k (wheel slot 6)<br>30–34 White8000k (wheel slot 7)<br>35–39 Yellow (wheel slot 8)<br>40–44 Magenta (wheel slot 9)<br>45–49 Cyan (wheel slot 10)<br>50–54 Salmon (wheel slot 11)<br>55–59 Turquoise (wheel slot 12)<br>60–64 Light Green (wheel slot 13)<br>65–69 Steel Blue (wheel slot 14)<br>70–74 Orange (wheel slot 15)<br>75–79 Straw (wheel slot 16)<br>80–84 Pale Lavander (wheel slot 17)<br>85–89 Pink (wheel slot 18)<br>90–94 Red (wheel slot 19)<br>95–99 Green (wheel slot 20)<br>100–104 Blue (wheel slot 21)<br>105–109 White (wheel slot 22)<br>110–114 Rainbow1 (wheel slot 23)<br>115–119 Rainbow2 (wheel slot 24)<br>120–255 Rainbow3 (wheel slot 25) |
| **14** | Color Preset Dimmer | 0 | |
| **15** | Chase Patterns | 0 | 0–9 No Chase<br>10–14 Chase 1<br>15–19 Chase 2<br>20–24 Chase 3<br>25–29 Chase 4<br>30–34 Chase 5<br>35–39 Chase 6<br>40–44 Chase 7<br>45–49 Chase 8<br>50–54 Chase 9<br>55–59 Chase 10<br>60–64 Chase 11<br>65–69 Chase 12<br>70–74 Chase 13<br>75–79 Chase 14<br>80–84 Chase 15<br>85–89 Chase 16<br>90–94 Chase 17<br>95–99 Chase 18<br>100–104 Chase 19<br>105–109 Chase 20<br>110–255 NoFeature 2 |
| **16** | Chase Speed | 0 | 0–49 <<<<br>50–119 <<<br>120–127 <<br>128–134 Stop(=0)<br>135–204 ><br>205–254 >><br>255–255 >>> |
| **17** | Chase Fade | 0 | |
| **18** | Zoom | 127 | 0–126 Narrow<br>127–254 Mid<br>255–255 Wide |

### Basic (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **19** | Fixture Global Reset | 0 | 0–79 Normal<br>80–84 All motor reset<br>85–96 PAN/TILT motor reset<br>97–255 Others motor reset |

## Standard

22 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Pan | 170 | |
| **2** | Pan Fine | 0 | Fine byte of Pan |
| **3** | Tilt | 128 | |
| **4** | Tilt Fine | 0 | Fine byte of Tilt |
| **5** | Position MSpeed | 0 | 0–225 PositionMSpeed 1<br>226–235 Blackout by movement<br>236–255 NoFeature 3 |
| **6** | Pan Rotate | 0 | 0–63 Stop by SpinOut<br>64–127 Stop by ShortCut<br>128–188 CW max<br>189–189 CW min<br>190–193 Pause<br>194–254 CCW min<br>255–255 CCW max |
| **7** | Tilt Rotate | 0 | 0–63 Stop by SpinOut<br>64–127 Stop by ShortCut<br>128–188 CW max<br>189–189 CW min<br>190–193 Pause<br>194–254 CCW min<br>255–255 CCW max |
| **8** | Red | 0 | |
| **9** | Green | 0 | |
| **10** | Blue | 0 | |
| **11** | White | 255 | |
| **12** | Shutter / Strobe | 32 | 0–31 led off<br>32–63 LED ON<br>64–94 Min Strobe<br>95–95 Max Strobe<br>96–127 LED ON 1<br>128–158 Min Pulse<br>159–159 Max Pulse<br>160–191 LED ON 2<br>192–222 Min Random<br>223–223 Max Random<br>224–255 LED ON 3 |
| **13** | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| **14** | Color Macro1 | 0 | 0–7 No Fonction<br>8–39 from RED to YELLOW<br>40–71 from YELLOW to GREEN<br>72–103 from GREEN to CYAN<br>104–135 from CYAN to BLUE<br>136–167 from BLUE to MAGENTA<br>168–199 from MAGENTA to RED<br>200–231 from RED to WHITE<br>232–255 Crossfading colours from slow to fast |

## Standard (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **15** | Color Wheel | 0 | 0–4 Open (wheel slot 1)<br>5–9 White2700k (wheel slot 2)<br>10–14 White3200k (wheel slot 3)<br>15–19 White4200k (wheel slot 4)<br>20–24 White5600k (wheel slot 5)<br>25–29 White6500k (wheel slot 6)<br>30–34 White8000k (wheel slot 7)<br>35–39 Yellow (wheel slot 8)<br>40–44 Magenta (wheel slot 9)<br>45–49 Cyan (wheel slot 10)<br>50–54 Salmon (wheel slot 11)<br>55–59 Turquoise (wheel slot 12)<br>60–64 Light Green (wheel slot 13)<br>65–69 Steel Blue (wheel slot 14)<br>70–74 Orange (wheel slot 15)<br>75–79 Straw (wheel slot 16)<br>80–84 Pale Lavander (wheel slot 17)<br>85–89 Pink (wheel slot 18)<br>90–94 Red (wheel slot 19)<br>95–99 Green (wheel slot 20)<br>100–104 Blue (wheel slot 21)<br>105–109 White (wheel slot 22)<br>110–114 Rainbow1 (wheel slot 23)<br>115–119 Rainbow2 (wheel slot 24)<br>120–255 Rainbow3 (wheel slot 25) |
| **16** | Color Preset Dimmer | 0 | |
| **17** | Chase Patterns | 0 | 0–9 No Chase<br>10–14 Chase 1<br>15–19 Chase 2<br>20–24 Chase 3<br>25–29 Chase 4<br>30–34 Chase 5<br>35–39 Chase 6<br>40–44 Chase 7<br>45–49 Chase 8<br>50–54 Chase 9<br>55–59 Chase 10<br>60–64 Chase 11<br>65–69 Chase 12<br>70–74 Chase 13<br>75–79 Chase 14<br>80–84 Chase 15<br>85–89 Chase 16<br>90–94 Chase 17<br>95–99 Chase 18<br>100–104 Chase 19<br>105–109 Chase 20<br>110–255 NoFeature 2 |
| **18** | Chase Speed | 0 | 0–49 <<<<br>50–119 <<<br>120–127 <<br>128–134 Stop(=0)<br>135–204 ><br>205–254 >><br>255–255 >>> |
| **19** | Chase Fade | 0 | |
| **20** | Zoom | 127 | 0–126 Narrow<br>127–254 Mid<br>255–255 Wide |
| **21** | Zoom Fine | 255 | Fine byte of Zoom |

## Standard (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 22 | Fixture Global Reset | 0 | 0–79 Normal<br>80–84 All motor reset<br>85–96 PAN/TILT motor reset<br>97–255 Others motor reset |