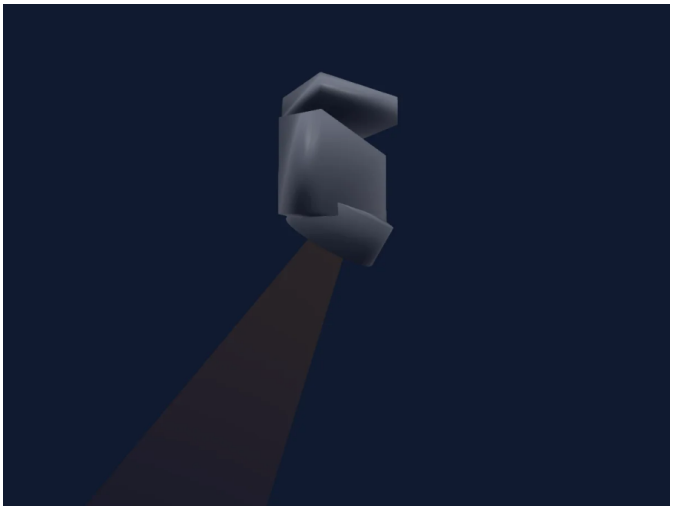
Meanreal

# mini 1940 wash v1



| | |
|---|---|
| Manufacturer | **Meanreal** |
| Type | **Moving head** |
| DMX modes | **5** |
| DMX footprint | **21, 35 channels** |
| Beam angle | **5-45°** |
| Pan range | **540°** |
| Tilt range | **270°** |
| Size (W × H × D) | **350 × 150 × 350 mm** |
| GDTF fixture type | **617A6ABD-1E6B-8029-08AF-D2…** |

## Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt

## Safety-relevant functions

Fixture reset

## DMX modes

| | |
|---|---|
| 21ch | 21 ch |
| 78ch | 21 ch |
| 97ch | 21 ch |
| 35ch | 35 ch |
| 92ch | 35 ch |

## 21ch

21 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Red Fine | 255 | Fine byte of Red |
| 3 | Green | 255 | |
| 4 | Green Fine | 255 | Fine byte of Green |
| 5 | Blue | 255 | |
| 6 | Blue Fine | 255 | Fine byte of Blue |
| 7 | White | 255 | |
| 8 | White Fine | 255 | Fine byte of White |
| 9 | C TO | 255 | |

## 21ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Color Macro | 0 | 0–9 OFF<br>10–10 RED<br>11–11 G<br>12–12 B<br>13–13 C<br>14–14 Y<br>15–15 M<br>16–16 7000K<br>17–17 3700K<br>18–18 5000K<br>19–19 BLACK<br>20–22 MEDIUM YELLOW<br>23–26 straw tint<br>27–28 suprise peach<br>29–29 fire<br>30–30 medium amber<br>31–31 gold amber<br>32–34 dark amber<br>35–44 sunrise red<br>45–45 light pink<br>46–48 medium pink<br>49–61 pink carnation<br>62–67 light lavender<br>68–77 lavender<br>78–88 sky blue<br>89–99 just blue<br>100–109 dsrk yellow green<br>110–111 spring yellow<br>112–112 light amber<br>113–113 straw<br>114–114 deep amber<br>115–116 orange<br>117–117 light rose<br>118–118 english rose<br>119–119 light satmon<br>120–120 middle rose<br>121–122 dark pink<br>123–124 magenta<br>125–125 peacock blue<br>126–126 med blu green<br>127–127 steel blue<br>128–128 light blue<br>129–130 dark blue<br>131–133 leaf green<br>134–135 dark green<br>136–137 mauve<br>138–141 bright pink<br>142–144 medium blue<br>145–145 deep golden amber<br>146–146 pate lavender<br>147–148 special lavender<br>149–150 primary green<br>151–156 bright green<br>157–161 apeicot<br>162–167 pate gold<br>168–171 deep orange<br>172–173 bastard amber<br>174–174 flame red<br>175–178 daylight blue<br>179–179 lilac tint<br>180–183 deep lavender<br>184–190 dark steel blue<br>191–206 congo blue<br>207–207 abce blue |

### 21ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Shutter / Strobe | 255 | 0–3 off<br>4–101 Shutter1Strobe 2 · min 1–24.5 Hz<br>102–103 Shutter1Strobe 2 · max 24.8–25 Hz<br>104–107 on<br>108–205 Shutter1StrobePulse 4 · min 1–24.5 Hz<br>206–207 Shutter1StrobePulse 4 · max 24.8–25 Hz<br>208–212 on<br>213–249 Shutter1StrobeRandom 6 · min 1–23.7 Hz<br>250–251 Shutter1StrobeRandom 6 · max 24.4–25 Hz<br>252–255 on |
| **12** | Dimmer | 0 | |
| **13** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **14** | Pan | 128 | |
| **15** | Pan Fine | 0 | Fine byte of Pan |
| **16** | Tilt | 128 | |
| **17** | Tilt Fine | 0 | Fine byte of Tilt |
| **18** | Function | 0 | |
| **19** | R ESET | 0 | 0–25 off<br>26–76 Head Reset<br>77–127 Pan Tilt Reset<br>128–255 All Reset |
| **20** | Zoom | 128 | |
| **21** | Zoom Rot | 0 | 0–127 ZOOM ROT 1<br>128–188 <<<<<br>189–193 stop<br>194–255 >>>> |

## 78ch

21 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Red | 0 | |
| **2** | Red Fine | 0 | Fine byte of Red |
| **3** | Green | 0 | |
| **4** | Green Fine | 0 | Fine byte of Green |
| **5** | Blue | 0 | |
| **6** | Blue Fine | 0 | Fine byte of Blue |
| **7** | White | 0 | |
| **8** | White Fine | 0 | Fine byte of White |
| **9** | C TO | 0 | |

## 78ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Color Macro | 0 | 0–9 OFF<br>10–10 RED<br>11–11 G<br>12–12 B<br>13–13 C<br>14–14 Y<br>15–15 M<br>16–16 7000K<br>17–17 3700K<br>18–18 5000K<br>19–19 BLACK<br>20–22 MEDIUM YELLOW<br>23–26 straw tint<br>27–28 suprise peach<br>29–29 fire<br>30–30 medium amber<br>31–31 gold amber<br>32–34 dark amber<br>35–44 sunrise red<br>45–45 light pink<br>46–48 medium pink<br>49–61 pink carnation<br>62–67 light lavender<br>68–77 lavender<br>78–88 sky blue<br>89–99 just blue<br>100–109 dsrk yellow green<br>110–111 spring yellow<br>112–112 light amber<br>113–113 straw<br>114–114 deep amber<br>115–116 orange<br>117–117 light rose<br>118–118 english rose<br>119–119 light satmon<br>120–120 middle rose<br>121–122 dark pink<br>123–124 magenta<br>125–125 peacock blue<br>126–126 med blu green<br>127–127 steel blue<br>128–128 light blue<br>129–130 dark blue<br>131–133 leaf green<br>134–135 dark green<br>136–137 mauve<br>138–141 bright pink<br>142–144 medium blue<br>145–145 deep golden amber<br>146–146 pate lavender<br>147–148 special lavender<br>149–150 primary green<br>151–156 bright green<br>157–161 apeicot<br>162–167 pate gold<br>168–171 deep orange<br>172–173 bastard amber<br>174–174 flame red<br>175–178 daylight blue<br>179–179 lilac tint<br>180–183 deep lavender<br>184–190 dark steel blue<br>191–206 congo blue<br>207–207 abce blue |

### 78ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Shutter / Strobe | 255 | 0–3 off<br>4–101 Shutter1Strobe 2 · min 1–24.5 Hz<br>102–103 Shutter1Strobe 2 · max 24.8–25 Hz<br>104–107 on<br>108–205 Shutter1StrobePulse 4 · min 1–24.5 Hz<br>206–207 Shutter1StrobePulse 4 · max 24.8–25 Hz<br>208–212 on<br>213–249 Shutter1StrobeRandom 6 · min 1–23.7 Hz<br>250–251 Shutter1StrobeRandom 6 · max 24.4–25 Hz<br>252–255 on |
| **12** | Dimmer | 0 | |
| **13** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **14** | Pan | 128 | |
| **15** | Pan Fine | 0 | Fine byte of Pan |
| **16** | Tilt | 128 | |
| **17** | Tilt Fine | 0 | Fine byte of Tilt |
| **18** | Function | 0 | |
| **19** | R ESET | 0 | 0–25 off<br>26–76 Head Reset<br>77–127 Pan Tilt Reset<br>128–255 All Reset |
| **20** | Zoom | 128 | |
| **21** | Zoom Rot | 0 | 0–127 ZOOM ROT 1<br>128–188 <<<<<br>189–193 stop<br>194–255 >>>> |

## 97ch

21 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Red | 0 | |
| **2** | Red Fine | 0 | Fine byte of Red |
| **3** | Green | 0 | |
| **4** | Green Fine | 0 | Fine byte of Green |
| **5** | Blue | 0 | |
| **6** | Blue Fine | 0 | Fine byte of Blue |
| **7** | White | 0 | |
| **8** | White Fine | 0 | Fine byte of White |
| **9** | C TO | 0 | |

## 97ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Color Macro | 0 | 0–9 OFF<br>10–10 RED<br>11–11 G<br>12–12 B<br>13–13 C<br>14–14 Y<br>15–15 M<br>16–16 7000K<br>17–17 3700K<br>18–18 5000K<br>19–19 BLACK<br>20–22 MEDIUM YELLOW<br>23–26 straw tint<br>27–28 suprise peach<br>29–29 fire<br>30–30 medium amber<br>31–31 gold amber<br>32–34 dark amber<br>35–44 sunrise red<br>45–45 light pink<br>46–48 medium pink<br>49–61 pink carnation<br>62–67 light lavender<br>68–77 lavender<br>78–88 sky blue<br>89–99 just blue<br>100–109 dsrk yellow green<br>110–111 spring yellow<br>112–112 light amber<br>113–113 straw<br>114–114 deep amber<br>115–116 orange<br>117–117 light rose<br>118–118 english rose<br>119–119 light satmon<br>120–120 middle rose<br>121–122 dark pink<br>123–124 magenta<br>125–125 peacock blue<br>126–126 med blu green<br>127–127 steel blue<br>128–128 light blue<br>129–130 dark blue<br>131–133 leaf green<br>134–135 dark green<br>136–137 mauve<br>138–141 bright pink<br>142–144 medium blue<br>145–145 deep golden amber<br>146–146 pate lavender<br>147–148 special lavender<br>149–150 primary green<br>151–156 bright green<br>157–161 apeicot<br>162–167 pate gold<br>168–171 deep orange<br>172–173 bastard amber<br>174–174 flame red<br>175–178 daylight blue<br>179–179 lilac tint<br>180–183 deep lavender<br>184–190 dark steel blue<br>191–206 congo blue<br>207–207 abce blue |

### 97ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Shutter / Strobe | 255 | 0–3 off<br>4–101 Shutter1Strobe 2 · min 1–24.5 Hz<br>102–103 Shutter1Strobe 2 · max 24.8–25 Hz<br>104–107 on<br>108–205 Shutter1StrobePulse 4 · min 1–24.5 Hz<br>206–207 Shutter1StrobePulse 4 · max 24.8–25 Hz<br>208–212 on<br>213–249 Shutter1StrobeRandom 6 · min 1–23.7 Hz<br>250–251 Shutter1StrobeRandom 6 · max 24.4–25 Hz<br>252–255 on |
| **12** | Dimmer | 0 | |
| **13** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **14** | Pan | 128 | |
| **15** | Pan Fine | 0 | Fine byte of Pan |
| **16** | Tilt | 128 | |
| **17** | Tilt Fine | 0 | Fine byte of Tilt |
| **18** | Function | 0 | |
| **19** | R ESET | 0 | 0–25 off<br>26–76 Head Reset<br>77–127 Pan Tilt Reset<br>128–255 All Reset |
| **20** | Zoom | 128 | |
| **21** | Zoom Rot | 0 | 0–127 ZOOM ROT 1<br>128–188 <<<<<br>189–193 stop<br>194–255 >>>> |

## 35ch

35 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **1** | Red | 255 | |
| **2** | Red Fine | 255 | Fine byte of Red |
| **3** | Green | 255 | |
| **4** | Green Fine | 255 | Fine byte of Green |
| **5** | Blue | 255 | |
| **6** | Blue Fine | 255 | Fine byte of Blue |
| **7** | White | 255 | |
| **8** | White Fine | 255 | Fine byte of White |
| **9** | C TO | 0 | |

## 35ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Color Macro | 0 | 0–9 OFF<br>10–10 RED<br>11–11 G<br>12–12 B<br>13–13 C<br>14–14 Y<br>15–15 M<br>16–16 7000K<br>17–17 3700K<br>18–18 5000K<br>19–19 BLACK<br>20–22 MEDIUM YELLOW<br>23–26 straw tint<br>27–28 suprise peach<br>29–29 fire<br>30–30 medium amber<br>31–31 gold amber<br>32–34 dark amber<br>35–44 sunrise red<br>45–45 light pink<br>46–48 medium pink<br>49–61 pink carnation<br>62–67 light lavender<br>68–77 lavender<br>78–88 sky blue<br>89–99 just blue<br>100–109 dsrk yellow green<br>110–111 spring yellow<br>112–112 light amber<br>113–113 straw<br>114–114 deep amber<br>115–116 orange<br>117–117 light rose<br>118–118 english rose<br>119–119 light satmon<br>120–120 middle rose<br>121–122 dark pink<br>123–124 magenta<br>125–125 peacock blue<br>126–126 med blu green<br>127–127 steel blue<br>128–128 light blue<br>129–130 dark blue<br>131–133 leaf green<br>134–135 dark green<br>136–137 mauve<br>138–141 bright pink<br>142–144 medium blue<br>145–145 deep golden amber<br>146–146 pate lavender<br>147–148 special lavender<br>149–150 primary green<br>151–156 bright green<br>157–161 apeicot<br>162–167 pate gold<br>168–171 deep orange<br>172–173 bastard amber<br>174–174 flame red<br>175–178 daylight blue<br>179–179 lilac tint<br>180–183 deep lavender<br>184–190 dark steel blue<br>191–206 congo blue<br>207–207 abce blue |

### 35ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 11 | Shutter / Strobe | 255 | 0–3 off<br>4–101 Shutter1Strobe 2 · min 1–24.5 Hz<br>102–103 Shutter1Strobe 2 · max 24.8–25 Hz<br>104–107 on<br>108–205 Shutter1StrobePulse 4 · min 1–24.5 Hz<br>206–207 Shutter1StrobePulse 4 · max 24.8–25 Hz<br>208–212 on<br>213–249 Shutter1StrobeRandom 6 · min 1–23.7 Hz<br>250–251 Shutter1StrobeRandom 6 · max 24.4–25 Hz<br>252–255 on |
| 12 | Dimmer | 0 | |
| 13 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 14 | Pan | 128 | |
| 15 | Pan Fine | 0 | Fine byte of Pan |
| 16 | Tilt | 128 | |
| 17 | Tilt Fine | 0 | Fine byte of Tilt |
| 18 | Function | 0 | |
| 19 | R ESET | 0 | 0–25 off<br>26–76 Head Reset<br>77–127 Pan Tilt Reset<br>128–255 All Reset |
| 20 | Zoom | 128 | |
| 21 | Zoom Rot | 0 | 0–127 ZOOM ROT 1<br>128–188 <<<<<br>189–193 stop<br>194–255 >>>> |
| 22 | S HAPESELECT | 0 | |
| 23 | S HAPESPEED | 0 | |
| 24 | S HAPEFADE | 0 | |
| 25 | S HAPER | 0 | |
| 26 | S HAPEG | 0 | |
| 27 | S HAPEB | 0 | |
| 28 | S HAPEW | 0 | |
| 29 | S HAPEDIM | 0 | |
| 30 | B ACKDIM | 0 | |
| 31 | S HAPETRANSITION | 0 | |
| 32 | S HAPEOFFSET | 0 | |
| 33 | S HAPESTROBE | 0 | |
| 34 | B ACKGROUNDSTROBE | 0 | |
| 35 | B ACKCOLOR | 0 | |

## 92ch

35 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 0 | |
| 2 | Red Fine | 0 | Fine byte of Red |
| 3 | Green | 0 | |
| 4 | Green Fine | 0 | Fine byte of Green |
| 5 | Blue | 0 | |
| 6 | Blue Fine | 0 | Fine byte of Blue |

## 92ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **7** | White | 0 | |
| **8** | White Fine | 0 | Fine byte of White |
| **9** | C TO | 0 | |

## 92ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **10** | Color Macro | 0 | 0–9 OFF<br>10–10 RED<br>11–11 G<br>12–12 B<br>13–13 C<br>14–14 Y<br>15–15 M<br>16–16 7000K<br>17–17 3700K<br>18–18 5000K<br>19–19 BLACK<br>20–22 MEDIUM YELLOW<br>23–26 straw tint<br>27–28 suprise peach<br>29–29 fire<br>30–30 medium amber<br>31–31 gold amber<br>32–34 dark amber<br>35–44 sunrise red<br>45–45 light pink<br>46–48 medium pink<br>49–61 pink carnation<br>62–67 light lavender<br>68–77 lavender<br>78–88 sky blue<br>89–99 just blue<br>100–109 dsrk yellow green<br>110–111 spring yellow<br>112–112 light amber<br>113–113 straw<br>114–114 deep amber<br>115–116 orange<br>117–117 light rose<br>118–118 english rose<br>119–119 light satmon<br>120–120 middle rose<br>121–122 dark pink<br>123–124 magenta<br>125–125 peacock blue<br>126–126 med blu green<br>127–127 steel blue<br>128–128 light blue<br>129–130 dark blue<br>131–133 leaf green<br>134–135 dark green<br>136–137 mauve<br>138–141 bright pink<br>142–144 medium blue<br>145–145 deep golden amber<br>146–146 pate lavender<br>147–148 special lavender<br>149–150 primary green<br>151–156 bright green<br>157–161 apeicot<br>162–167 pate gold<br>168–171 deep orange<br>172–173 bastard amber<br>174–174 flame red<br>175–178 daylight blue<br>179–179 lilac tint<br>180–183 deep lavender<br>184–190 dark steel blue<br>191–206 congo blue<br>207–207 abce blue |

## 92ch (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **11** | Shutter / Strobe | 255 | 0–3 off<br>4–101 Shutter1Strobe 2 · min 1–24.5 Hz<br>102–103 Shutter1Strobe 2 · max 24.8–25 Hz<br>104–107 on<br>108–205 Shutter1StrobePulse 4 · min 1–24.5 Hz<br>206–207 Shutter1StrobePulse 4 · max 24.8–25 Hz<br>208–212 on<br>213–249 Shutter1StrobeRandom 6 · min 1–23.7 Hz<br>250–251 Shutter1StrobeRandom 6 · max 24.4–25 Hz<br>252–255 on |
| **12** | Dimmer | 0 | |
| **13** | Dimmer Fine | 0 | Fine byte of Dimmer |
| **14** | Pan | 128 | |
| **15** | Pan Fine | 0 | Fine byte of Pan |
| **16** | Tilt | 128 | |
| **17** | Tilt Fine | 0 | Fine byte of Tilt |
| **18** | Function | 0 | |
| **19** | R ESET | 0 | 0–25 off<br>26–76 Head Reset<br>77–127 Pan Tilt Reset<br>128–255 All Reset |
| **20** | Zoom | 128 | |
| **21** | Zoom Rot | 0 | 0–127 ZOOM ROT 1<br>128–188 <<<<<br>189–193 stop<br>194–255 >>>> |
| **22** | S HAPESELECT | 0 | |
| **23** | S HAPESPEED | 0 | |
| **24** | S HAPEFADE | 0 | |
| **25** | S HAPER | 0 | |
| **26** | S HAPEG | 0 | |
| **27** | S HAPEB | 0 | |
| **28** | S HAPEW | 0 | |
| **29** | S HAPEDIM | 0 | |
| **30** | B ACKDIM | 0 | |
| **31** | S HAPETRANSITION | 0 | |
| **32** | S HAPEOFFSET | 0 | |
| **33** | S HAPESTROBE | 0 | |
| **34** | B ACKGROUNDSTROBE | 0 | |
| **35** | B ACKCOLOR | 0 | |