Event Lighting

# HAVOCW19X40CRI



| | |
|---|---|
| Manufacturer | **Event Lighting** |
| Type | **Moving head** |
| DMX modes | **5** |
| DMX footprint | **12, 18, 25, 37, 76 channels** |
| Beam angle | **25°** |
| Pan range | **540°** |
| Tilt range | **220°** |
| Heads / cells | **19** |
| Size (W × H × D) | **310 × 120 × 310 mm** |
| GDTF fixture type | **29F3B925-0939-48B1-98E6-BB...** |

## Controls

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

## Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

## DMX modes

| | |
|---|---|
| Pixel Engine - Ring | 12 ch |
| Basic | 18 ch |
| Standard | 25 ch |
| Extended | 37 ch |
| Pixel Engine - Pixels | 76 ch |

## Pixel Engine - Ring

12 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 0 | |
| 2 | Green | 0 | |
| 3 | Blue | 0 | |
| 4 | White | 0 | |
| 5 | Red | 0 | |
| 6 | Green | 0 | |
| 7 | Blue | 0 | |
| 8 | White | 0 | |
| 9 | Red | 0 | |
| 10 | Green | 0 | |
| 11 | Blue | 0 | |
| 12 | White | 0 | |

## Basic

18 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Pan | 128 | |
| 2 | Pan Fine | 0 | Fine byte of Pan |
| 3 | Tilt | 128 | |
| 4 | Tilt Fine | 0 | Fine byte of Tilt |
| 5 | Position MSpeed | 0 | |
| 6 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 7 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 8 | Shutter / Strobe | 0 | 0–1 Shutter Closed<br>2–62 Strobe Rate<br>63–64 Shutter Open 1<br>65–125 Strobe Pulse In<br>126–127 Shutter Open 2<br>128–188 Strobe Pulse Out<br>189–190 Shutter Open 3<br>191–251 Strobe Random<br>252–255 Shutter Open 4 |
| 9 | Red | 0 | |
| 10 | Green | 0 | |
| 11 | Blue | 0 | |
| 12 | White | 0 | |
| 13 | Color Macro1 | 0 | |
| 14 | C TO | 0 | |
| 15 | Zoom | 0 | |
| 16 | Pixel Mode | 0 | |
| 17 | Color1Mode | 0 | |
| 18 | Control1 | 0 | |

## Standard

25 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Pan | 128 | |

### Standard (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 2 | Pan Fine | 0 | Fine byte of Pan |
| 3 | Tilt | 128 | |
| 4 | Tilt Fine | 0 | Fine byte of Tilt |
| 5 | Position MSpeed | 0 | |
| 6 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 7 | Dimmer Fine | 0 | Fine byte of Dimmer |
| 8 | Shutter / Strobe | 0 | 0–1 Shutter Closed<br>2–62 Strobe Rate<br>63–64 Shutter Open 1<br>65–125 Strobe Pulse In<br>126–127 Shutter Open 2<br>128–188 Strobe Pulse Out<br>189–190 Shutter Open 3<br>191–251 Strobe Random<br>252–255 Shutter Open 4 |
| 9 | Red | 0 | |
| 10 | Red Fine | 0 | Fine byte of Red |
| 11 | Green | 0 | |
| 12 | Green Fine | 0 | Fine byte of Green |
| 13 | Blue | 0 | |
| 14 | Blue Fine | 0 | Fine byte of Blue |
| 15 | White | 0 | |
| 16 | White Fine | 0 | Fine byte of White |
| 17 | Color Macro1 | 0 | |
| 18 | C TO | 0 | |
| 19 | Zoom | 0 | |
| 20 | Zoom Fine | 0 | Fine byte of Zoom |
| 21 | Pixel Mode | 0 | |
| 22 | Color1Mode | 0 | |
| 23 | Control1 | 0 | |
| 24 | C TC | 0 | |
| 25 | Tint | 0 | |

## Extended

37 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Pan | 128 | |
| 2 | Pan Fine | 0 | Fine byte of Pan |
| 3 | Tilt | 128 | |
| 4 | Tilt Fine | 0 | Fine byte of Tilt |
| 5 | Position MSpeed | 0 | |
| 6 | Dimmer | 0 | 0–254 Closed<br>255–255 Open |
| 7 | Dimmer Fine | 0 | Fine byte of Dimmer |

## Extended (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **8** | Shutter / Strobe | 0 | 0–1 Shutter Closed<br>2–62 Strobe Rate<br>63–64 Shutter Open 1<br>65–125 Strobe Pulse In<br>126–127 Shutter Open 2<br>128–188 Strobe Pulse Out<br>189–190 Shutter Open 3<br>191–251 Strobe Random<br>252–255 Shutter Open 4 |
| **9** | Red | 0 | |
| **10** | Red Fine | 0 | Fine byte of Red |
| **11** | Green | 0 | |
| **12** | Green Fine | 0 | Fine byte of Green |
| **13** | Blue | 0 | |
| **14** | Blue Fine | 0 | Fine byte of Blue |
| **15** | White | 0 | |
| **16** | White Fine | 0 | Fine byte of White |
| **17** | Color Macro1 | 0 | |
| **18** | C TO | 0 | |
| **19** | Zoom | 0 | |
| **20** | Zoom Fine | 0 | Fine byte of Zoom |
| **21** | Pixel Mode | 0 | |
| **22** | Color1Mode | 0 | |
| **23** | Control1 | 0 | |
| **24** | C TC | 0 | |
| **25** | Tint | 0 | |

## Extended (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **26** | Effect | 0 | 0–16 No Function<br>17–22 FX 1<br>23–28 FX 2<br>29–34 FX 3<br>35–40 FX 4<br>41–46 FX 5<br>47–52 FX 6<br>53–58 FX 7<br>59–64 FX 8<br>65–70 FX 9<br>71–76 FX 10<br>77–82 FX 11<br>83–88 FX 12<br>89–94 FX 13<br>95–100 FX 14<br>101–106 FX 15<br>107–112 FX 16<br>113–118 FX 17<br>119–124 FX 18<br>125–130 FX 19<br>131–136 FX 20<br>137–142 FX 21<br>143–148 FX 22<br>149–154 FX 23<br>155–160 FX 24<br>161–166 FX 25<br>167–172 FX 26<br>173–178 FX 27<br>179–184 FX 28<br>185–190 FX 29<br>191–196 FX 30<br>197–202 FX 31<br>203–208 FX 32<br>209–214 FX 33<br>215–220 FX 34<br>221–226 FX 35<br>227–232 FX 36<br>233–238 FX 37<br>239–244 FX 38<br>245–250 FX 39<br>251–255 FX 40 |
| **27** | Effect Speed | 0 | 0–127 Indexing<br>128–190 CW Fast > Slow<br>191–192 Stop<br>193–255 CCW Slow > Fast |
| **28** | Effects1Fade | 0 | |
| **29** | Effects1Adjust1 | 0 | |
| **30** | Dimmer | 0 | |
| **31** | Shutter / Strobe | 0 | 0–1 Shutter Closed<br>2–62 Strobe Rate<br>63–64 Shutter Open 1<br>65–125 Strobe Pulse In<br>126–127 Shutter Open 2<br>128–188 Strobe Pulse Out<br>189–190 Shutter Open 3<br>191–251 Strobe Random<br>252–255 Shutter Open 4 |
| **32** | Dimmer | 0 | |

### Extended (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 33 | Shutter / Strobe | 0 | 0–1 Shutter Closed<br>2–62 Strobe Rate<br>63–64 Shutter Open 1<br>65–125 Strobe Pulse In<br>126–127 Shutter Open 2<br>128–188 Strobe Pulse Out<br>189–190 Shutter Open 3<br>191–251 Strobe Random<br>252–255 Shutter Open 4 |
| 34 | Red | 0 | |
| 35 | Green | 0 | |
| 36 | Blue | 0 | |
| 37 | White | 0 | |

## Pixel Engine - Pixels

76 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 0 | |
| 2 | Green | 0 | |
| 3 | Blue | 0 | |
| 4 | White | 0 | |
| 5 | Red | 0 | |
| 6 | Green | 0 | |
| 7 | Blue | 0 | |
| 8 | White | 0 | |
| 9 | Red | 0 | |
| 10 | Green | 0 | |
| 11 | Blue | 0 | |
| 12 | White | 0 | |
| 13 | Red | 0 | |
| 14 | Green | 0 | |
| 15 | Blue | 0 | |
| 16 | White | 0 | |
| 17 | Red | 0 | |
| 18 | Green | 0 | |
| 19 | Blue | 0 | |
| 20 | White | 0 | |
| 21 | Red | 0 | |
| 22 | Green | 0 | |
| 23 | Blue | 0 | |
| 24 | White | 0 | |
| 25 | Red | 0 | |
| 26 | Green | 0 | |
| 27 | Blue | 0 | |
| 28 | White | 0 | |
| 29 | Red | 0 | |
| 30 | Green | 0 | |
| 31 | Blue | 0 | |

## Pixel Engine - Pixels (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| **32** | White | 0 | |
| **33** | Red | 0 | |
| **34** | Green | 0 | |
| **35** | Blue | 0 | |
| **36** | White | 0 | |
| **37** | Red | 0 | |
| **38** | Green | 0 | |
| **39** | Blue | 0 | |
| **40** | White | 0 | |
| **41** | Red | 0 | |
| **42** | Green | 0 | |
| **43** | Blue | 0 | |
| **44** | White | 0 | |
| **45** | Red | 0 | |
| **46** | Green | 0 | |
| **47** | Blue | 0 | |
| **48** | White | 0 | |
| **49** | Red | 0 | |
| **50** | Green | 0 | |
| **51** | Blue | 0 | |
| **52** | White | 0 | |
| **53** | Red | 0 | |
| **54** | Green | 0 | |
| **55** | Blue | 0 | |
| **56** | White | 0 | |
| **57** | Red | 0 | |
| **58** | Green | 0 | |
| **59** | Blue | 0 | |
| **60** | White | 0 | |
| **61** | Red | 0 | |
| **62** | Green | 0 | |
| **63** | Blue | 0 | |
| **64** | White | 0 | |
| **65** | Red | 0 | |
| **66** | Green | 0 | |
| **67** | Blue | 0 | |
| **68** | White | 0 | |
| **69** | Red | 0 | |
| **70** | Green | 0 | |
| **71** | Blue | 0 | |
| **72** | White | 0 | |
| **73** | Red | 0 | |
| **74** | Green | 0 | |
| **75** | Blue | 0 | |
| **76** | White | 0 | |