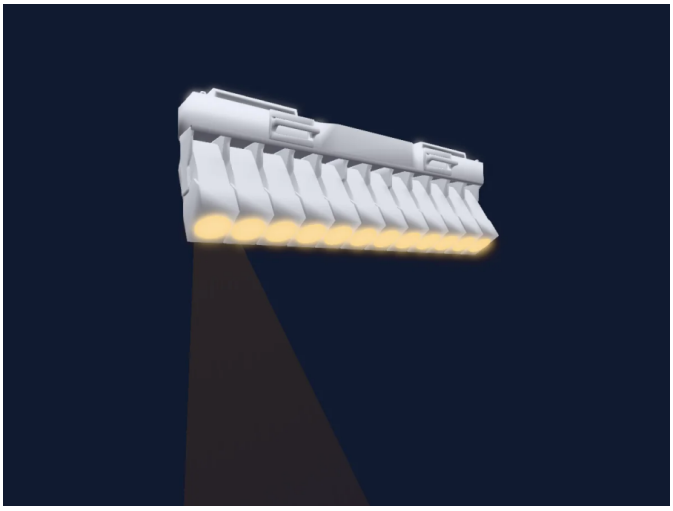
Wisdom

Medusa



Manufacturer	**Wisdom**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**20 channels**
Beam angle	**9-33.9°**
Tilt range	**200°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**3354B2FD-4253-4779-9C75-81…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

Mode 1	20 ch

Mode 1

20 channels

Ch	Function	Default	DMX values
1	Tilt	127	0–126 Min 127–254 Home 255–255 Max
2	Tilt Fine	255	Fine byte of Tilt
3	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
4	Position Effect	0	
5	C TC	0	0–0 Off 1–255 19000K-2700K - CTC
6	Color Macro1	0	0–0 Open (wheel slot 1) 1–2 White 2700K - CTC (wheel slot 2) 3–4 White 3200K - CTC (wheel slot 3) 5–6 White 4200K - CTC (wheel slot 4) 7–8 White 5600K - CTC (wheel slot 5) 9–10 White 8000K - CTC (wheel slot 6) 11–11 Blue (wheel slot 7) 12–48 +Green (wheel slot 8) 49–49 Cyan (wheel slot 9) 50–86 -Blue (wheel slot 10) 87–87 Green (wheel slot 11) 88–124 +Red (wheel slot 12) 125–125 Yellow (wheel slot 13) 126–162 -Green (wheel slot 14) 163–163 Red (wheel slot 15) 164–200 +Blue (wheel slot 16) 201–201 Magenta (wheel slot 17) 202–238 -Red (wheel slot 18) 239–239 Blue (wheel slot 7) 240–247 Color Fade F > S 248–255 Color Snap F > S

Mode 1 (continued)

Ch	Function	Default	DMX values
7	Effect	0	0–0 Off 1–1 Pattern 1 - Macro 2–2 Pattern 2 - Macro 3–3 Pattern 3 - Macro 4–4 Pattern 4 - Macro 5–5 Pattern 5 - Macro 6–6 Pattern 6 - Macro 7–7 Pattern 7 - Macro 8–8 Pattern 8 - Macro 9–9 Pattern 9 - Macro 10–10 Pattern 10 - Macro 11–11 Pattern 11 - Macro 12–12 Pattern 12 - Macro 13–13 Pattern 13 - Macro 14–14 Pattern 14 - Macro 15–15 Pattern 15 - Macro 16–16 Pattern 16 - Macro 17–17 Pattern 17 - Macro 18–18 Pattern 18 - Macro 19–19 Pattern 19 - Macro 20–20 Pattern 20 - Macro 21–21 Pattern 21 - Macro 22–22 Pattern 22 - Macro 23–23 Pattern 23 - Macro 24–24 Pattern 24 - Macro 25–25 Pattern 25 - Macro 26–26 Pattern 26 - Macro 27–27 Pattern 27 - Macro 28–28 Pattern 28 - Macro 29–29 Pattern 29 - Macro 30–30 Pattern 30 - Macro 31–31 Pattern 31 - Macro 32–32 Pattern 32 - Macro 33–33 Pattern 33 - Macro 34–34 Pattern 34 - Macro 35–35 Pattern 35 - Macro 36–36 Pattern 36 - Macro 37–37 Pattern 37 - Macro 38–38 Pattern 38 - Macro 39–39 Pattern 39 - Macro 40–40 Pattern 40 - Macro 41–41 Pattern 41 - Macro 42–42 Pattern 42 - Macro 43–43 Pattern 43 - Macro 44–44 Pattern 44 - Macro 45–45 Pattern 45 - Macro 46–46 Pattern 46 - Macro 47–47 Pattern 47 - Macro 48–48 Pattern 48 - Macro 49–49 Pattern 49 - Macro 50–50 Pattern 50 - Macro 51–51 Pattern 51 - Macro 52–52 Pattern 52 - Macro 53–53 Pattern 53 - Macro 54–54 Pattern 54 - Macro 55–55 Pattern 55 - Macro 56–56 Pattern 56 - Macro 57–57 Pattern 57 - Macro 58–58 Pattern 58 - Macro 59–59 Pattern 59 - Macro 60–60 Pattern 60 - Macro 61–61 Pattern 61 - Macro 62–62 Pattern 62 - Macro 63–63 Pattern 63 - Macro

Mode 1 (continued)

Ch	Function	Default	DMX values
8	Effect 2	0	0–15 Off 16–17 LED Built-In 1 - Macro 18–19 LED Built-In 2 - Macro 20–21 LED Built-In 3 - Macro 22–23 LED Built-In 4 - Macro 24–25 LED Built-In 5 - Macro 26–27 LED Built-In 6 - Macro 28–29 LED Built-In 7 - Macro 30–31 LED Built-In 8 - Macro 32–33 LED Built-In 9 - Macro 34–35 LED Built-In 10 - Macro 36–37 LED Built-In 11 - Macro 38–39 LED Built-In 12 - Macro 40–41 LED Built-In 13 - Macro 42–43 LED Built-In 14 - Macro 44–45 LED Built-In 15 - Macro 46–47 LED Built-In 16 - Macro 48–49 LED Built-In 17 - Macro 50–51 LED Built-In 18 - Macro 52–53 LED Built-In 19 - Macro 54–55 LED Built-In 20 - Macro 56–57 LED Built-In 21 - Macro 58–59 LED Built-In 22 - Macro 60–61 LED Built-In 23 - Macro 62–63 LED Built-In 24 - Macro 64–65 LED Built-In 25 - Macro 66–67 LED Built-In 26 - Macro 68–69 LED Built-In 27 - Macro 70–71 LED Built-In 28 - Macro 72–73 LED Built-In 29 - Macro 74–75 LED Built-In 30 - Macro 76–77 LED Built-In 31 - Macro 78–79 LED Built-In 32 - Macro 80–81 LED Built-In 33 - Macro 82–83 LED Built-In 34 - Macro 84–85 LED Built-In 35 - Macro 86–87 LED Built-In 36 - Macro 88–89 LED Built-In 37 - Macro 90–91 LED Built-In 38 - Macro 92–93 LED Built-In 39 - Macro 94–95 LED Built-In 40 - Macro 96–97 LED Built-In 41 - Macro 98–99 LED Built-In 42 - Macro 100–101 LED Built-In 43 - Macro 102–103 LED Built-In 44 - Macro 104–105 LED Built-In 45 - Macro 106–107 LED Built-In 46 - Macro 108–109 LED Built-In 47 - Macro 110–111 LED Built-In 48 - Macro 112–113 LED Built-In 49 - Macro 114–115 LED Built-In 50 - Macro 116–117 LED Built-In 51 - Macro 118–119 LED Built-In 52 - Macro 120–121 LED Built-In 53 - Macro 122–123 LED Built-In 54 - Macro 124–125 LED Built-In 55 - Macro 126–127 LED Built-In 56 - Macro 128–129 LED Built-In 57 - Macro 130–131 LED Built-In 58 - Macro 132–133 LED Built-In 59 - Macro 134–135 LED Built-In 60 - Macro 136–137 LED Built-In 61 - Macro 138–139 LED Built-In 62 - Macro 140–141 LED Built-In 63 - Macro

Mode 1 (continued)

Ch	Function	Default	DMX values
9	Effect Speed 2	0	0–127 F > S - Speed 128–128 Stop Loop 129–255 S > F - Speed
10	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Color Macro2	0	0–0 Off (wheel slot 1) 1–2 White 2700K - CTC (wheel slot 2) 3–4 White 3200K - CTC (wheel slot 3) 5–6 White 4200K - CTC (wheel slot 4) 7–8 White 5600K - CTC (wheel slot 5) 9–10 White 8000K - CTC (wheel slot 6) 11–11 Blue (wheel slot 7) 12–48 +Green (wheel slot 8) 49–49 Cyan (wheel slot 9) 50–86 -Blue (wheel slot 10) 87–87 Green (wheel slot 11) 88–124 +Red (wheel slot 12) 125–125 Yellow (wheel slot 13) 126–162 -Green (wheel slot 14) 163–163 Red (wheel slot 15) 164–200 +Blue (wheel slot 16) 201–201 Magenta (wheel slot 17) 202–238 -Red (wheel slot 18) 239–239 Blue (wheel slot 7) 240–247 Color Fade F > S 248–255 Color Snap F > S
12	Background Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
13	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

Mode 1 (continued)

Ch	Function	Default	DMX values
14	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–63 STROBE · Fast > Slow 19.5–0.61 Hz 64–64 STROBE · Slow 0.1 Hz 65–69 Shutter Open 70–70 STROBE 100-0% · Fast 20 Hz 71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 84–84 STROBE 100-0% · Slow 0.1 Hz 85–89 Shutter Open 90–90 STROBE 0-100% · Fast 20 Hz 91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 104–104 STROBE 0-100% · Slow 0.1 Hz 105–109 Shutter Open 110–110 RANDOM STROBE · Fast 20 Hz 111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz 124–124 RANDOM STROBE · Slow 0.1 Hz 125–129 Shutter Open 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz 145–149 Shutter Open 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz 165–169 Shutter Open 170–170 PULSE STROBE · Fast 20 Hz 171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz 184–184 PULSE STROBE · Slow 0.1 Hz 185–189 Shutter Open 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz 204–204 RANDOM PULSE STROBE · Slow 0.1 Hz 205–209 Shutter Open 210–210 STROBE 0-100-0% · Fast 20 Hz 211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz 224–224 STROBE 0-100-0% · Slow 0.1 Hz 225–229 Shutter Open 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
15	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow

Mode 1 (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–9 No Function 10–14 Blackout On Tilt 15–19 Reserved 20–24 RGBW Color Mixing Mode 25–29 CMY Color Mixing Mode 30–34 Combine Heads 35–39 Disable Combine Heads 40–44 Color Presets HTP On 45–49 Color Presets HTP Off 50–54 Reserved 55–59 Tilt Reset 60–64 Zoom Reset - Normal 65–69 Zoom Reset - Quiet 70–74 Reset All 75–79 Cell Order 1-12 80–84 Cell Order 12-1 85–89 Reserved 90–94 Tilt Reverse 95–99 Reserved 100–104 Tilt Reverse Disable 105–109 Reserved 110–114 Red Shift On 115–119 Red Shift Off 120–124 Fan ECO 125–129 Fan Full 130–134 Fan Auto 135–139 Dimmer Fast 140–144 Dimmer Smooth 145–149 Linear 150–154 Square 155–159 Inverse Square 160–164 S Square 165–169 White Mode 170–174 Full Mode 175–179 PWM 600Hz 180–184 PWM 1200Hz 185–189 PWM 2000Hz 190–194 PWM 4000Hz 195–199 PWM 6000Hz 200–204 PWM 15000Hz 205–255 Reserved
17	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
20	White	255	0–0 Min 1–254 Min > Max 255–255 Max