

Tetra2™

TETRAgnatha's are linear bars building on the Spider and Tarrantula technology with TETRA2™ the uncompromising leader of the Tetra family.

**Light source**

18x 40 W RGBW LED multichips

**Light output**

10.500 lm

**Zoom range**

4° - 45°

**Effects**

2x MCFE™ - Multi-Coloured Flower Effects - creating spectacular multicolour beam effects in the air rotating in both directions at variable speed (patented), pixel control, virtual colour wheel, tungsten lamp effect



Generating an ultra-tight 4° beam from each of the 18 pixels, they combine to produce a bright, defined "sheet" of light, desired by Lighting Designers. Seamless curtains of light can be constructed using several fixtures as the detailed design allows any combination of TETRA1™ and TETRA2™ to be placed end to end on stage or truss, whilst maintaining equal spacing between pixels. With the addition of two exclusive Robe patented MCFE™ - Multi-Coloured Flower Effects, the pixel-driven Tetra1 sets itself apart from others by projecting charismatic in-air animations.

The homogenised beams, together with the smooth 11:1 zoom, provide; a wash out to 45°, a footlight, a wall graze or dynamic in-air effects with fast paced sweeping movements. Utilizing our latest L3™ (Low Light Linearity) dimming system for an imperceptible fade to black, the 18-bit control provides ultra-smooth colour mixing across the full colour spectrum. An embedded Ethernet switch and wide range of protocols (sACN, Art-Net or Kling-Net) allow a quick network installation and ease of control from media servers, DMX or the internal effects engine.

Technical Specification

Source

- Light source type: 18x 40W RGBW LED multichips
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: L70/B50 @ 50.000 hours
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Optical system

- Robe's proprietary optical design
- Zoom range: 4°- 45°
- Highly efficient component optics
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Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- Individual control of each RGBW pixel
- Variable CCT: 2.700K - 8.000K
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- Individual control of each RGBW pixel
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Control and programming

- Setting & Addressing: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 88 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, Art-Net, MA Net, MA Net2, sACN, Kling-Net
- REAP™ - Robe Ethernet Access Portal
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Movement

- Tilt movement: 191°
- 16 bit movement resolution
- Controllable speed of PTilt movement
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- 16 bit movement resolution
- Controllable speed of PTilt movement

Thermal specification

- Maximum ambient temperature: 40°C (104°F)
- Maximum surface temperature: 70°C (158°F)
- Minimum operating temperature: -5°C (23°F)
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- Maximum surface temperature: 70°C (158°F)
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Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 600 W at 230 V / 50 Hz
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Mechanical specification

- Height: 279 mm (10.98") - head in vertical position
- Width: 1007 mm (39.6")
- Depth: 143 mm (5.62") - head in vertical position
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Rigging

- Mounting points: 2 pairs of 1/4-turn locking points
- 2x Omega adaptors with 1/4-turn quick locks
- Universal operating position
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- 2x Omega adaptors with 1/4-turn quick locks
- Universal operating position

Included items

- User Manual
- Variable Omega Adaptor: 2 pcs 99016241-02
- Power cord including powerCON TRUE1 In connector
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Optional accessories

- Diffusion filter: 2° 10980593
- Clear lens cover: 10980606
- Safety wire 36 kg: 99011963
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- Clear lens cover: 10980606
- Safety wire 36 kg: 99011963

Legal

- Tetra2™ is a Trademark of Robe lighting s. r. o.
- Tetra2™ is patented by Robe lighting s. r. o. and protected by one or more pending or issued patents
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