# TetraX™

Need something exceptional to stand out from the crowd? Something very different to create a powerful signature effect. Lack that missing X factor? Then go to the extreme with the visually sensational TetraX™!

**Light source**
9x 40W RGBW LED multichips

**Light output**
5.300 lm (integrating sphere)

**Zoom range**
4° - 45°

**Effects**
3x MCFE™ Multi-coloured Flower Effects (patented), pixel control, continuous pan rotation

Developed from the immensely successful Tetra1™, the TetraX™ adds dynamic pan movement with extremely high-speed continuous rotation, dramatically increasing sweeping effect possibilities of the fixture.

Generating an ultra-tight 4° beam from each of the 9 evenly spaced pixels, they combine to produce a bright, defined "sheet" of light, as desired by Lighting Designers. The homogenised beams and smooth 11:1 motorised zoom provide ultra-smooth washes out to 45°.

TetraX™ sets itself apart by including three exclusive eye-catching Robe patented MCFE™ – Multi-Coloured Flower Effect – emitting sharp, multi-coloured spikes of light, with variable speed and rotation direction control, to further increase the projection of charismatic in-air animations.

All-inclusive colour and dimming control are available via RGBW and CMY colour mixing modes; variable CCT of 2.700K – 8.000K; tungsten emulation simulating the red shift and thermal delay of tungsten lamps for whites from 2.700K – 4.200K; DataSwatch™ 237 pre-programmed colour library; L3™ Low Light Linearity dimming software for imperceptible fades to black.

An Epass™ Ethernet switch ensures sustained network connectivity. A wide range of protocols (sACN, Art-Net or Kling-Net) allows quick network installation and control from media servers, DMX, or the internal effects engine.

TetraX™ – eXceeding the eXeptional

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# Technical Specification

## Source

- Light source type: 9x 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
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- Individual control of each RGBW pixel
- Variable CCT: 2.700K - 8.000K

## 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

- Pan movement range 540° with continuous rotation control
- Tilt movement: 191°
- 16 bit movement resolution
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- Tilt movement: 191°
- 16 bit movement resolution

## 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)
- Minimum operating temperature: -5°C (23°F)

## Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: max. 320 W
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## Mechanical specification

- Height: 368 mm (14.48")
- Width: 512 mm (20.15")
- Depth: 205 mm (8.07") - head in horizontal position
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- Width: 512 mm (20.15")
- Depth: 205 mm (8.07") - head in horizontal position

## 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
- Omega Adaptor CL-regular 2 pcs: 99010420-02
- Power cord including powerCON TRUE1 In connector
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- Omega Adaptor CL-regular 2 pcs: 99010420-02
- Power cord including powerCON TRUE1 In connector

## Optional accessories

- Diffusion filter: 2° 10980698
- Clear lens cover: 10980699
- Safety wire 36 kg: 99011963
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- Clear lens cover: 10980699
- Safety wire 36 kg: 99011963

## Legal

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