Volero Twins

Volero



#CL3040

What if a **next-generation IP66 batten** could merge the power of an effect light with the versatility of a moving head? Volero Twins does just that! It features solid beams, linear zoom, powerful strobe effects, and seamless modularity. Equipped with dual lighting engines, endless PAN rotation, and six layers of effects, it blends bold visual impact with precision control. **High-output RGBW LEDs, large lenses, and 20 cold white strobe segments** create high-energy, high-definition effects for touring, TV, and EDM shows. Volero Twins delivers a **dense, solid beam** with powerful, concentrated light for clean effects, ensuring high readability and sharp definition. Designed for modularity, it works as a standalone unit or connects seamlessly into modular wave configurations. Whether for long-distance projection or immersive lighting. Volero Twins Key Features: **Next-Generation Design**: Volero Twins redefines batten-style lighting with a sleek, panel-inspired design that enhances flexibility and visual impact. Perfect for making a statement before the first cue, it delivers bold, striking lighting. **Powerful Beam Projection**: Each 80 x 80 mm lens projects concentrated light that cuts through haze, creating sharp effects. High-quality strobes with invisible LEDs make effects appear out of nowhere, delivering maximum impact. More powerful than the Volero Cube, these beams demand attention. **Long-Throw Precision**: Distance is no obstacle for Volero Twins. Its long-range projection ensures your vision reaches every corner, with square lenses delivering sharp, dramatic effects. High readability keeps each beam clearly defined, offering precision for professional settings. **Modularity for Countless Configurations**: Volero Twins is built for versatility, working as a standalone unit or within a modular system. Integrated spacers allow quick battery installation and perfect alignment, while wave mode unlocks new aesthetics. With a 5.2° to 46.7° zoom range, it adapts from pinpoint beams to wide washes to meet any creative need. **Endless Pan Feature**: Volero Twins features an Endless Pan with 360° continuous rotation for smooth, uninterrupted movement. The Pan Direction Control channel allows instant reversal, perfect for mirror effects and dynamic sequences. Programming is intuitive and effortless. **Advanced Layer Management**: Volero Twins offers six layers for dynamic lighting, including three RGBW and three strobe layers. With single pixel mapping on RGBW (2×4) and CW arrays (20 segments), you can create complex patterns, chase sequences, and pulsing waves for limitless design possibilities. **All-Weather Performance**: Volero Twins is built for any environment with its IP66 rating, offering reliable protection against dust and water jets for consistent performance, rain or shine. Perfect for touring productions, TV

studios, architectural installations, and EDM events. Volero Twins adapts seamlessly to any lighting requirement with uncompromising performance. Contact us today to see this next-level crossover light in action!

Specifications

- **Light Source**
  8 x 60W RGBW LEDs and 10 lines of cold white strobe LEDs split into 20 areas
- **Zoom range**
  5.2° - 46.7°
- **Effects**
  RGBW color mixing system; Pixel mapping control; Advanced Layer Management

Light Source Type

Source type

- Main engine: 8 RGBW LEDs (x 60W)
- Strobe engine: Cold white LEDs divided into 10 lines and 20 control areas (164 x 3W)

Power

- 480W (LED RGBW)
- 492W (LED white)

Colour Temperature

- LED RGBW: 8000 K
- LED White: 7436 K

CRI

Up to 75

LED life expectancy

50.000 Hrs L70*

* It may vary depending on various factors, such as the type of use and environment

Photometric Data

Zoom range

- 5.2° (Beam)
- 46.7° (Field)

Lumen output

- RGBW: 8424 Lm (integration sphere)
- White engine: 16935 Lm (integrating sphere)

Front lens

80 x 80 mm (each lens)

Noise Level

Fixed presets

- Auto: 37.6 dB
- Silent: 37.5 dB
- Costant: 48.3 dB
- Theatre: 37.4 dB

Control and Connections

Personalities

- **Basic engine:** 25 / 43 / 50 control channels
- **Pixel engine:** 32 channels
- **Strobe engine:** 20 channels

Protocols

DMX, Art-Net, RDM, sACN, Webserver

Connectors

- Locking 5 pin XLR IN/OUT
- RJ45 IN/OUT

Power Connector

RJ45 IN/OUT

Web Server

Built In

CloudIO

Fully compatible

Dynamic Effects

Colours

- Electronic CTO 2500 – 8000K
- Advanced layers management (color, internal shape, pixel mapping + strobe)
- Individual LED control of four central RGBW LEDs
- Pre programmed shape selection of static and dynamic patterns, adjustable in color , speed, direction, fade, and strobe

Movement

- Tilt: 194° – Speed: 1,52s
- Endless Pan rotation – Speed: 3,27s
- Accuracy: Resolution ±0.13° (±0° 12’ 48’’) / Range ±0,26° (±0° 25’ 36’’)
- Mechanical Pan lock for safe transportation and maintenance

Beam

Motorized Zoom

Dimmer/Shutter

- High resolution electronic dimmer, 16 bit, 5 curves
- Electronic strobe 1 to 25 f/sec
- High speed electronic shutter and strobe

Hardware and Software

- Display Graphic LCD backlit b/w Display
- Firmware upload from another fixture
- Firmware Upgrade via Web Server
- Diagnostic
- DMX monitoring
- Remote access through RDM

Housing

Magnesium housing

- Remote access through RDM
- Two side handles for transportation
- IP66 protection rate
- Working in any position
- Hanging system: with fast lock Omega clamps (1/4) turn on the base

Electrical

Operating Voltage	100-240V, 50/60 Hz
Max power consumption	700 W

Thermal Specification

Max ambient temperature	45°C (113°F)
Min ambient temperature	-10°C (14°F)
Max temperature of the external surface	90°C (194°F)
Total heat dissipation	3354,5 BTU/hr ±10% / 3535,2 kJ/hr ±10%

Saftey Specs

Minimum distance of illuminated objects	0.5 meters (1? 8”)
Minimum distance from flammable materials	0.5 meters (1? 8”)
Protections	• Thermally protected power supply (overheating and cooling failure) • Forced ventilation with axial fans • External main fuse T10A 250V – 5×20 mm • External fuse (battery) T6.3A 250V – 5×20 mm

Compliance

CE Marking (in conformity to the following)

- 2014/35/EU – Safety of electrical equipment supplied at low voltage (LVD)
- 2014/30/EU – Electromagnetic Compatibility (EMC)
- 2100/65/EU – Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC – EcoDesign requirements for Energy-related Products (ErP)

UKCA conforms to UK regulations

- S.I. 2016 N. 1101
- S.I. 2016 N. 1091
- S.I. 2012 N.3032
- S.I. 2021 N. 745

cMETus LISTED

- UL 1573:2003
- CSA C22.2 N.166: 2015

Packaging

Carton box + polystyrene

Carton box + Foam shell

Flight case + Foam shell (2 positions)

Weight - Size

Weight

29,3 Kg (64,40 lbs)

Base dimension

- 447 x 240 mm
- 17,60 x 9,45 In

Height with vertical head (h)

- 495 mm
- 19,50 In

Accessories

Omega bracket

2×183102/805 (Included)

ETL Power

CAB02B/802 (included)

* Cord 1.5 m (bare end with IP65 PowerConTrue1 conn.)

Flight case (2 pos)

CF1047F (Optional)

Safety Chain

105041/001 (Optional)

Clamp

C21070 (Optional)