



Ultimo Hybrid

Ultimo



#CD3039

Imagine a **hybrid fixture** that is **powerful, versatile, and compact**. Ultimo Hybrid brings your vision to life, indoors or out, with its **IP66** water and dust resistance. Effortlessly shift between **beam, spot, wash,** and profile modes, reducing the need for extra fixtures. With intense brightness, a long-lasting short-arc lamp, and an advanced effects engine, every designer needs this all-in-one tool. **Ultimo Hybrid: the ultimate evolution of what's possible.** Discover the amazing features that make Ultimo Hybrid the perfect choice for your lighting designs. Here's why Ultimo Hybrid is a game-changer: **Impressive Output and Longevity:** Ultimo Hybrid, powered by a **550W short-arc lamp**, delivers an impressive **19,000-lumen output** and **lasts up to 4,000 hours**. This ensures reliable, energy-efficient performance across numerous shows, making it a perfect choice for low-maintenance applications. **Smooth, Versatile Zoom:** Its motorized linear zoom ranges from evenly collimated spots (**2° to 29° in Beam mode**) to tightly focused beams (**3° to 52° in Spot mode**) enabling designers to craft dynamic scenes that set Ultimo Hybrid apart as the ultimate all-in-one solution. **Precision Control for Creative Freedom:** The **Advanced Four-Focal Plane Shutter System** offers designers exceptional control over each blade. It grants custom effects like a "**Total Curtain**" with razor-sharp edge definition, unlocking new levels of creativity. **Absolute Position Innovation:** This special system remembers the fixture's position in real-time, even after power interruptions, ensuring **precise repositioning** and reducing setup time. **Unmatched Versatility in a Compact Design:** Ultimo Hybrid packs the power of larger fixtures into a compact design, featuring an eight-gobo rotating wheel, a static gobo wheel, four- and eight-facet prisms, and linear frost for smooth washes. Its broad color spectrum, high CRI, CMY mixing system, and 14 dichroic chips—including a **striking deep red**—produce professional-grade hues that tell stories without words. **Rock-Solid Tilt Stability with Electronic Brake:** Say goodbye to unwanted tilts! Clayco's advanced electronic brake system securely locks the head in place, guaranteeing smooth and precise positioning even in the most demanding environments. **The Evolution of Hybrid Lighting!** Ultimo Hybrid redefines hybrid lighting with its compact, feature-rich design and powerful output. Perfect for touring, live events, and permanent installations, this fixture brings versatility and brilliance to lighting designers everywhere. In a world where every beam tells a story, Ultimo Hybrid is here to help create yours.



Specifications

- **Light Source**
550W arc lamp (4000hrs life span)
- **Light Output**
19,000 lm (integrating sphere)
- **Zoom range**
3°-52° (spot mode) and 2°-29° (beam mode)
- **Effects**
Linear CMY color mixing (Deep Red); Linear CTO; 14-color wheel on separate channel; Rotating gobo wheel with 8 interchangeable HD gobos; Static gobo wheel with 18 static gobos; Six beam reducers (down to 0.5°); Framing system: 4 focal planes, +/-60° rotation and macro channel control; Linear heavy frost 5°; Animation wheel; 2 bi-directional rotating prisms (4 and 8 facet); Motorized iris

Light Source Type

Source type

Short-arc High Intensity Discharge (HID) lamp

Power

548W

Color temperature

6000 K

CRI

80+

Lamp life expectancy

4000 hrs L70*

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



Photometric Data

Zoom range

3° to 52° (Spot mode) – 2° to 29° (Beam mode)

Lumen output

19000 (Integrating Sphere)

Front lens diameter

Ø 160mm

Optical system

High efficiency

Noise Level

Fixed preset

51.3 dBA

Control and Connections

Personalities

Single mode with 43 control channels

Protocols

DMX, Art-Net, RDM, sACN, CRMX TiMo FX RDM

Connectors

- Locking 5 pin XLR IN/THRU
- Ethernet port: RJ45 IN/OUT

Power connector

PowerCon True1 IN/OUT

Web Server

Built In



Dynamic Effects

ColouLong life self-charging battery
Display Graphic LCD
backlit b/w Display
Firmware upload
from another fixture
Firmware Upgrade
via Web Server
Diagnostic DMX
monitoring Remote
access through
RDMrs

- Linear CMY colour mixing
- Linear CTO
- Fixed color wheel with 14 dichroic colors

Gobos

- 1 rotating gobo wheel with 8 interchangeable glass gobos
- 1 static gobo wheel with 18 gobos (6 beam reducers up to 0.5°)

Framing system

- 4 blades with $\pm 60^\circ$ rotation of the full system on 4 focal planes
- "Total Curtain" effect allowing the full blackout with each single blade

Frost

- Linear heavy frost 5°

Rotating Effects

- 1 aluminium animation wheel with continuous rotation in both directions at variable speed
- 1 four-facet + 1 eight-facet prisms with rotation in both directions at variable speeds

Iris

Motorized with variable pulse and random effects

Movement

- Tilt: 270° (16 bit) – 1.9 sec MAX speed
- Pan: 540° (16 bit) – 3.2 sec MAX speed
- Accuracy: Resolution Range
- **Absolute positioning – Special feature**
- Fast/Standard speed selectable by Function



channel

- Mechanical Pan/Tilt lock for safe transportation and maintenance

Beam

Motorized Zoom and Focus

Dimmer/Shutter

- High resolution dimmer 16 bit 5 curves
- Shutter and Strobe effect

Hardware and Software

- Long life self-charging battery
- 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

- Aluminium and steel structure with plastic covers
- 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
- Optional safety chain

Electrical

Operating Voltage

100-240V, 50/60 Hz

In/Out MAX

Max 2.6A at 100V, Max 8.0A at 240V

Power Supply

Electronic auto range with active PFC



	Max Power consumption	Max 940W @100V – Max 850W @ 240V
Thermal Specification	Max ambient temperature	45°C (113°F)
	Min ambient temperature	-20°C (-4°F)
	Max temperature of the external surface	90°C (194°F)
	Total heat dissipation	1872 BTU/hr ±10% / 1972 kJ/hr ±10%
Safety Specs	Minimum distance of illuminated objects	8 meters (26' 2")
	Minimum distance from flammable materials	0.2 meters (8")
	External main fuse	T10A 250V – 5x20mm
	External fuse	T6.3A 250V – 5x20mm



Thermally protected power supply (overheating and cooling failure)

Forced ventilation with axial fans

Compliance

CE Marking (in conformity to the following)

- 2014/53/EU – Radio Equipment Directive (RED)
- 2011/65/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. 2017 N.1206
- 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

41.9 Kg (92.4 lbs)

Base dimension

325 x 450 mm– 12.79 x 17.7 In



Height with vertical head (h)

780 mm – 30.7 In

Distance between two fixtures

650mm

Accessories

Omega clamps

2x183102/805 (included)

ETL Power

CAB02B/802 (included)

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

Flight case

CF1041F (optional)

Foam shell

F21326/001 (optional)

Safety Chain

105041/003 (optional)

Clamp

C21070 (Optional)