



PROTÉGÉ



PROTÉGÉ XL

- **450W White LED Engine (7000K)**
- **20,000 lumen output**
- **Extensive feature set including CMY + CTO color mixing**
- **360° Infinite Pan**

Representing the pinnacle of ADJ's new Protégé Series, the Protégé XL is a flagship moving head spot designed to meet the demands of today's creative lighting designers. Combining cutting-edge LED technology, precision optics, and a comprehensive suite of creative tools, it delivers an impressive 20,000 lumens of crisp, high-impact output. Powered by a 450W white LED engine with a 7000K color temperature, this luminaire produces bright, even projections that retain their sharpness and definition across its 4.1°–45° motorized zoom range, making it equally at home delivering wide GOBO projections or smooth, vibrant washes.

The Protégé XL's color and effects systems have been engineered to unlock maximum creative potential. Its disc-based CMY color mixing and variable CTO allow designers to blend and fine-tune hues with precision, while a dedicated color wheel with six dichroic options provides instant access to bold, saturated looks. Two independent rotating GOBO wheels, each loaded with seven replaceable glass patterns, expand the fixture's textural possibilities, while dual overlayable 6-facet prisms (linear and circular) and a dynamic animation wheel make it easy to generate everything from subtle movement to dramatic aerial effects. Medium and heavy frost filters are also on board, allowing the creation of soft-edged wash output.

Three-phase motors provide lightning-fast movement with extreme precision, while 360° continuous rotation allow the creation of impressive movement effects. Built with the rigors of touring and professional installation in mind, the Protégé XL features rugged pan/tilt locks to prevent unwanted movement during rigging and transit. Operational flexibility is further enhanced by the Protégé XL's comprehensive control and connectivity options. It supports DMX, sACN, and Art-Net protocols via 5-pin XLR and RJ45 connections, while the integrated Aria X2 wireless management system offers reliable cable-free control and remote fixture configuration. An NFC interface built into both the base and display allows for quick setup using a compatible smart device.

As part of the ADJ Protégé Series, alongside the compact Protégé XS and versatile Protégé XM, the XL represents a new generation of high-performance LED spot fixtures. Building on the proven success of ADJ's Focus Spot line, the Protégé range delivers more brightness, greater creative flexibility, and refined optical performance – offering exceptional value for lighting professionals across the live event, worship, club, theatre, and production markets.

<https://www.adj.eu/protege-xl/>

Light Source:

- 450W White LED Engine
- Color Temperature: 7000K (+/-200k)
- 20,000 Hour Average LED Life*

*May vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming.

Photometric Data:

- 20,000 Lumens
- CRI: 72

**Color:**

- Disc-Based CMY Color Mixing
- Disc-Based CTO
- 1 Color Wheel (7 colors)
- Color Wheel Colors: Red, Blue, Green, Orange, Quad Color, Congo Blue and CTC (Color Temp. Correction)

GOBOs:

- 2x Rotating GOBO Wheels: Each with 7 Interchangeable, glass GOBOs (OD: 27mm, Image: 16.8mm)

Effects:

- Motorized Zoom: 4.1° to 45°
- 2x Prisms: 1x 6 Facet Linear & 1x 6 Facet Circular (Overlay Capable)
- 2x Frost Filters- 1 x Medium Frost Filter and 1 x Heavy Frost Filter
- Animation Wheel on Movable Arm
- Motorized Focus
- 1Hz ~10Hz Strobe Rate (Electronic)

Control / Connections:

- (3) DMX Channel Modes (Basic / Standard / Extended)
- DMX, sACN, ArtNet and RDM
- Aria X2 Wireless Management System
- NFC System
- 6-Button Touch Control Panel
- Full Color 180° Reversible LCD Menu Display
- 8 / 16 Bit Resolution Adjustable Movement
- RJ45 In/Thru Ports
- 5-Pin XLR DMX In/Out
- IP65 Locking Power In/Out



Pan / Tilt:

- Pan: 540/360° (360° Continuous Pan Rotation Option)
- Tilt: 270°
- Pan/Tilt Locks
- 3-phase, High Speed, Pan/Tilt motors

Dimensions / Weight:

- Length: 392mm
- Width: 242mm
- Vertical Height: 649mm
- Weight: 27kg

Electrical / Thermal:

- AC 100-240V - 50/60Hz
- Max Power Consumption: 781W (3.5 Amps @ 230V.)
- Power Link: 4 units @ 230V
- Max ambient temperature: -25°C to 45°C

Approvals / Ratings:

- IP20

What's Included:

- (1) Outdoor Locking Power cable (2m)
- (2) Omega brackets (107mm)
- (1) TÜV-tested SC4B safety cable, 3mm (60cm)

