



**HYDRO**  
SERIES

A graphic element consisting of three wavy, horizontal lines below the 'SERIES' text, suggesting water or light waves.

## HYDRO PROFILE

Combining an immense 660-Watt LED engine with an expansive feature set, ADJ's IP65-rated Hydro Profile is a professional lighting powerhouse.

The Hydro Profile is ADJ's first weatherproof moving head profile fixture, which combines a potent 660-Watt cool white LED light engine with an expansive feature set to deliver a truly powerful and versatile luminaire. It is part of ADJ's Hydro Series of robust IP65-rated moving heads, which are all designed for a demanding life on the road. They can be used outdoors in any weather as well as for indoor productions where they are protected against everything from dust and smoke residue to spilt drinks and humidity.

Heading up the Hydro Profile's collection of beam-shaping tools is a 4-blade framing system. Each shutter is controlled using two independent motors, one for each side, which allows the individual blades to be applied at any desired angle. In addition, rotation of the combined shutter assembly means the shape created using the four shutters can be precisely positioned. Further manipulation of the output is provided by a motorized zoom function, which can be used to alter the beam angle between 6 and 45-degrees. An even narrower beam can then be achieved utilizing the motorized iris, which also offers automated pulsing effects. In addition, the fixture offers two frost filters, a heavy filter for creating a wash output and a medium filter for blurring the edges of GOBOS.

An almost unlimited variety of aerial effects and surface pattern projections can be created using the Focus Profile. It features two independent GOBO wheels, one with 7 indexed, rotatable patterns and the other with 8 fixed patterns, all of which are replaceable. It also incorporates two indexed, rotatable prisms – 4-facet circular and 6-facet linear – as well as an animation wheel. Any desired color can also be selected thanks to a CMY color mixing system with additional CTO flag. The fixture also offers a separate 6-position color wheel which is loaded with a selection of useful dichroics, including CTB and High CRI filters. The colors are all replaceable, allowing for the use of custom filters should a very specific shade or hue be required for a specific production.

[www.ADJ.com/hydro-profile](http://www.ADJ.com/hydro-profile)

# HYDRO PROFILE



## LIGHT SOURCE:

- 660W Cool White LED Engine (50,000 hr.)
- 25,000+ Lumens



## FEATURES:

- Motorized Focus
- 2 Frost Filters
- Motorized Zoom: 6 ~ 45 degrees
- 4 Blade Framing System (Rotatable)
- Iris
- Animation Wheel
- 2 Prism FX: Rotating 6-facet Linear & rotating 4-facet Circular
- 0-100% smooth dimming
- Various strobe speeds
- USB firmware update port
- 2 cooling fans



## COLOR:

- CMY color mixing system
- Variable CTO flag
- Color wheel with 6 dichroic colors + white (includes CTB and High CRI filters)
- Colors on wheel are removable and replaceable



VARIABLE  
CTO

## GOBO WHEELS:

- (1) Rotating Gobo wheel with 7 Gobos
- (1) Static Gobo wheel with 8 Gobos
- All Gobo's are replaceable
- Gobo Shake Effect on both wheels
- Aluminum Gobo size: 23mm (outer); 19mm (viewable); 0.5mm (thickness)
- Glass gobo size: 23mm (outer); 19mm (viewable); 3.3mm (thickness)

## PRISM WHEEL:

- Prism Wheel 1: Rotatable 6-facet Circular
- Prism Wheel 2: Rotatable 5-facet Linear
- Both Prisms are indexable

## FROST FILTERS:

- Frost 1: Heavy frost for wash effect
- Frost 2: Medium frost creates lightly blurred edges for Gobo and Prism FX



## CONTROL:

- 3 DMX Channel Modes: 36/50/57
- Color LCD display with 6-button function menu
- Control Mode: DMX512 or internal programs
- 6 Dim Modes: Standard, Stage, TV, Architectural, Theatre, Stage2
- 4 Dim Curves: Square, Linear, Inv. Square and S. Curve
- Selectable LED Refresh Rates (900 Hz~25K Hz)
- 0-100% smooth dimming
- Various strobe speeds
- With Wired Digital Communication Network
- RDM (Remote Device Management)

## PAN/TILT:

- Pan: 630 degrees
- Tilt: 270 degrees

## CONNECTIONS:

- DMX Connections: 5-pin XLR In/Out
- Power Connections: IP65 PowerLock Input

## ELECTRICAL:

- Multi-voltage operation: 100-240V, 50/60Hz
- Max power consumption: 1088W

## DIMENSIONS / WEIGHT:

- Dimensions (LxWxH): 12.20" x 17.00" x 28.35" / 310x432x720mm
- Weight: 81.4lbs (37kg)

## INCLUDED ACCESSORIES:

- Omega Bracket
- 1.83M locking power cable

## Approval / Ratings:

- ETL Approved / CE Certified
- IP65 with Marine Coated Exterior and conformal coated PCBs

