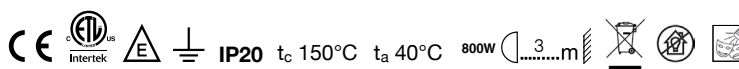


# ALPHA PROFILE 800 ST



The Alpha Profile 800 ST is the most modern moving beam shaper in existence today for use in the most demanding lighting sectors. Clay Paky has used highly sophisticated micromechanics to obtain a compact, light, silent unit with an extremely bright light and a zoom capable of producing an extraordinarily sharp, perfectly uniform beam. Lighting designers will find all the tools they need to enhance their creativity in the Alpha Profile 800 ST: a miniaturized four-blade framing system, capable of creating any geometric shape; a zoom that starts from the extremely narrow angle of 7.6° and reaches up to 55°; an exclusive autofocus system and the Dyna-Cue-Creator function, which are two useful features created by Clay Paky to make their lights easy to program and enrich them with original dynamic visual effects.

The 6000 K light beam and top-of-the-class operating silence (42 dBA) complete the characteristics of this light. It is perfect for use in Theatres, Television studios, on exhibition stands and in the most demanding live situations.

- 800W discharge lamp (7750 K, 750 h)
- Light beam color temperature: 6000 K
- Optical unit with extremely high luminous efficiency
- Incredibly small (head length = 455 mm)
- 11 - 55° electronic linear zoom. Additional angle: 7.6°
- Stay-Sharp-Zoom function for automatic focusing (patented)
- CMY color system + color wheel + linear CTO
- Patented framing system, adjustable over 90°
- Shapes and triangles of various proportions and sizes
- "Total curtain effect" with single blade
- Graphic system: 7 rotating gobos + 9-facet prism
- Special 16-blade mechanical iris
- Dyna-Cue-Creator on a special channel for quickly programming dynamic visual effects
- Frost filter
- Hybrid dimmer (100-50% electronic; 50% to zero mechanical)
- Three-phase pan/tilt motor for perfectly silent operation
- High performance electronics and firmware
- Modular construction for easy maintenance
- Extremely silent: 42 dBA

## DETAILS

### POWER SUPPLIES

100-120V 50/60Hz  
200-240V 50/60Hz

### INPUT POWER

1200VA at 230V 50Hz

### LIGHT SOURCE

800W Discharge lamp:  
- Socket: PGJX36  
- Color temperature: 7,750 K  
- Luminous flux: 54,500 lm  
- Average life: 750 h

### OPTICS

Elliptic reflector with high luminous efficiency  
Electronic Linear Zoom 11°-55°. Additional angle: 7.6°  
Electronic focusing with "Stay-Sharp Zoom" system (auto-focus)

### COLOR SYSTEM

CMY Color Mixing + linear CTO  
8-color wheel + open  
Framing System (patented)

### EFFECTS SECTION

1 Rotating Gobo wheel with 7 bidirectional and indexable high quality gobos (Ø 25,7 mm)  
Selectable "Gobo shake" function.  
All the gobos are easily interchangeable  
1 prism (9-facet).  
Dyna-Cue-Creator for fast artistic programming  
1 interchangeable frost filter  
Special high speed 16 segments mechanical iris  
Hybrid 0-100% dimmer (electronic + mechanical)  
Stop / strobe effect

### CONTROL AND PROGRAMMING

Max 41 DMX 512 control channels  
DMX protocol signal: USITT DMX 512  
Display: Graphic LCD backlit b/w Display  
Pan/Tilt Resolution: 16 bit  
Gobo Indexing Resolution: 16 bit  
Dimmer Resolution: 16 bit  
Movement control: vectorial  
DMX signal connection: 3 and 5 pole XLR input and output  
Software upload through DMX input

### BODY

Aluminium structure with die-cast plastic cover  
Chrome-plated version available on request  
Two side handles for transportation  
PAN and TILT lock for transport and maintenance

### MOVING BODY

Angle:  
PAN = 540°, TILT = 250°  
Max Speeds:  
PAN = 4.78 sec (540°)  
TILT = 2.33 sec (250°)  
Resolution:  
PAN = 2.11°, PAN FINE = 0.008°  
TILT = 0.98°, TILT FINE = 0.004°

### ELECTRONICS

Long life self-charging buffer battery  
Pre-set macros  
"ENERGY SAVING" function: with the stop or total dimmer effect on, or with all the CMY filters full (black), consumption cut by 50%  
ON/OFF lamp control from the lighting desk  
Function reset from the lighting desk.  
"AUTOTEST" function from menu  
Art-Net / RDM  
Electronic monitoring with status error  
Cooling system monitoring  
DMX level monitoring on all channels  
Internal data transmission diagnostics  
Firmware Upgrade with no power  
Firmware upload from another fixture

### SAFETY DEVICES

Bipolar circuit breaker with thermal protection  
Automatic break in power supply in case of overheating  
Forced ventilation with axial fans

### WORKING POSITION

Working in any position  
Hanging system: with fast-lock omega clamps (1/4 turn) on the base

 31,5 Kg (69.4 lbs)

