

STAGE PROFILE Plus SV

A thousand frames of emotion.
Clay Paky and only Clay Paky.



PROFESSIONAL SHOW LIGHTING

STAGE PROFILE *Plus* **SV**

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A result of Clay Paky's technology and tradition of quality, STAGE PROFILE Plus SV is the innovative moving body beam shaper designed for professional applications demanding top performance.

Stage Profile Plus SV qualities are reflected in its name: Plus, for the quality and quantity of its unrivalled dynamic shapes and forms.

A complete "curtain" effect made separately by each of the 4 blades.



SV stands for Silent Version, placing it in Clay Paky's range of the world's most silent 1200W moving body projectors.

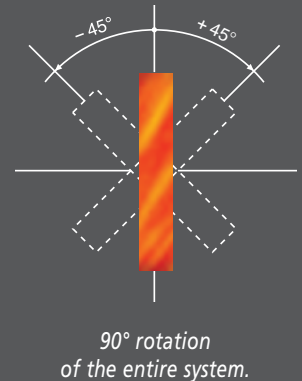
Stage Profile Plus SV is an extraordinary aid for countless areas of lighting: from theatres, TV, concerts and live shows, to large industrial presentations and architectural lighting.



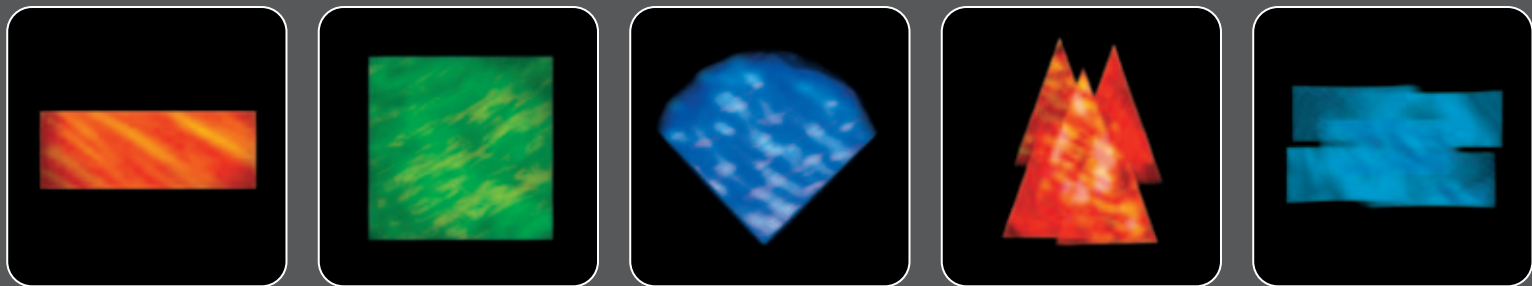
PRELIMINARY EDITION.

Exclusive Framing engineering

The patented profile system is the very heart of Stage Profile Plus SV. It is composed of 4 blades - controlled from a lighting desk - that move separately to produce totally novel effects, such as the extraordinary clarity of the exclusive "Total Curtain" effect, created by a single blade in numerous shapes and colours. Another important and innovative feature is of course the "Framed Moving Images", obtained by a combination of fanciful and colourful images in a wide variety of shapes. The show continues with quadrilateral and triangular shapes, ranging from small to spectacular large forms: only Stage Profile Plus SV is able to create large equilateral triangles and then rotate through 90° at variable speeds. The blade movements are always soft and flexible and their speed can be regulated from the control desk.



F.M.I. effect (Framed Moving Images).



Innovative silence engineering

One of the most important qualities of a professional projector is total operating silence. Clay Paky has always focused on this aspect, making its moving body projectors some of the most silent in the world.

With Stage Profile Plus SV, Clay Paky has made a further breakthrough in introducing a projector equipped with an innovative ventilation system that reduces noise by over 50% compared to equally powerful moving body projectors. Stage Profile Plus SV also comes with Clay Paky's exclusive Half Power/Half Noise feature - controlled from a lighting desk - which allows you to work at half power, reducing the noise by half.

All these features make Stage Profile Plus SV ideal for all environments where silence is crucial, for example theatres, television studios and architectural interiors, such as museums, exhibitions, presentations and conventions.

Advanced graphics and special effects engineering

The special effects of Stage Profile Plus SV are based on 2 rotating gobo wheels, with gobos that can be indexed through 540° and positioned with 16 bit resolution. The two superimposed rotating gobo wheels create unparalleled "Morphing" effects, which can also be achieved by highly versatile electronic focusing. The graphic effects are completed by the linear variation frost, which creates gradual changes through the various diffusion levels, a light frost, 3 prisms to multiply the effect, the adjustable speed iris to open and close the beam, the single channel dimmer from 0 to 100%, as well as the stop and strobe at a frequency of 1 to 11 flashes per second.

The powerful engineering of light and colour

Stage Profile Plus SV uses a high luminosity Osram HMI 1200 W/S lamp, with the possibility of hot lamp restrike, controlled from a lighting desk. It has a 16° to 24° linear zoom lens with electronic focusing for the traditional Clay Paky optical system, which has always guaranteed high power and uniformity of light.

"Morphing" effects created by two rotating gobo wheels.



Stage Profile Plus SV has a CMY system for the generation of infinite colour shades, with gradual changes from one shade to another at variable speeds, controlled from a lighting desk. The colour system can add magnificent touches to the Framed Moving Images and Morphing effects, enriching them with sparkling colour combinations. The CTO - CTB filters on a single channel correct the colour temperature at 3,200 K and 6,000 K.

All-round professionalism

Clay Paky has crafted its products to the finest detail and provides auxiliary features for installation, operation, transport and maintenance. Stage Profile Plus SV offers very extensive movements (450° Pan and 252° Tilt) with an 8 and 16-bit resolution, automatic Pan and Tilt repositioning, a head lock for transport applicable to both Pan and Tilt, easy access to inside the projector for immediate maintenance, as well as a quick mounting plate and DMX 512 and RS232/423 (PMX) control signals.

Stage Profile Plus SV is available with an electromagnetic or PFC electronic ballast.



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PROFILE Plus SV



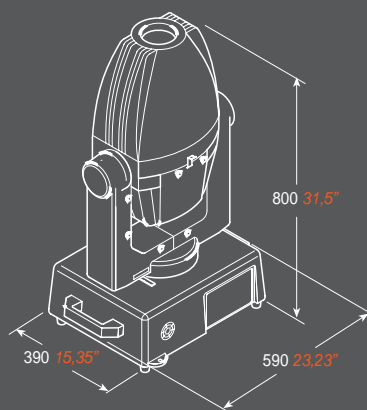
PROFESSIONAL SHOW LIGHTING

Technical data for Stage Profile Plus

Power supplies available	<ul style="list-style-type: none"> • Version with electronic ballast (with PFC): • 200 - 240 V 50/60 Hz • 100-120 V 50/60 Hz • Version with electromagnetic ballast: • 230 V 50 Hz • 240 V 50 Hz • 208 V 60 Hz • 200 V 50 Hz • 200 V 60 Hz
Input power	<ul style="list-style-type: none"> • Version with electronic ballast with PFC: 1600 VA at 230 V 50 Hz. • Version with electromagnetic ballast: 1700 VA at 230 V 50 Hz (p.f. correction 140 µF standard).
Lamp	<ul style="list-style-type: none"> • Metal iodide lamp with built-in power supply unit. • Type HMI 1200 W/S • Cap SFC 10-4 • Colour temperature 6,000 K • Luminous flux 110,000 lm • Average life 750 h • Any working position
Motors	<ul style="list-style-type: none"> • 32 stepper motors, operating with microsteps, totally controlled by a microprocessor.
Optical unit	<ul style="list-style-type: none"> • Twin lens condenser. • Spherical reflector with a high luminous efficiency. • Zoom lens 16° ÷ 24°.
Channels	<ul style="list-style-type: none"> • 29, 30, 31 or 33 control channels.
Inputs	<ul style="list-style-type: none"> • DMX 512 • RS 232/423
Moving body	<ul style="list-style-type: none"> • Movement powered by two stepper motors, controlled by microprocessor. • Automatic repositioning of PAN and TILT after accidental movement not controlled by control unit. • Angle: - PAN = 450° - TILT = 252° • Maximum speeds: - PAN = 4.0 sec (360°) - TILT = 3.2 sec (252°) • Resolution: - PAN = 1.76° - PAN FINE = 0.007° - TILT = 0.98° - TILT FINE = 0.004°
Protection rating	<ul style="list-style-type: none"> • IP 20.
CE Marking	<ul style="list-style-type: none"> • In conformity with the European Union Low Voltage Directive 73/23 and Electromagnetic Compatibility Directive 89/336.
Safety Devices	<ul style="list-style-type: none"> • Bipolar circuit breaker with thermal protection. • Automatic break in power supply in case of overheating or failed operation of cooling system. • Power supply cut off automatically on opening the side covers. • Four fixing points for safety rope.
Cooling	<ul style="list-style-type: none"> • Forced ventilation with axial fans.
Body	<ul style="list-style-type: none"> • In die-cast aluminium and steel. • Epoxy powder painting. • Two side handles for transportation. • Device locking PAN and TILT mechanisms for transportation and maintenance.
Working position	<ul style="list-style-type: none"> • Functioning in any position.
Weight	<ul style="list-style-type: none"> • Version with electronic ballast: about 50 kg (110 lbs). • Version with electromagnetic ballast: about 63.5 kg (139 lbs 11 ozs).

Control Channels

1. Iris	12. Blade 2B	23. Gobo change 1
2. Zoom	13. Blade 3A	24. Gobo rotation 1
3. Focus	14. Blade 3B	25. Gobo change 2
4. Dimmer	15. Blade 4A	26. Gobo rotation 2
5. Pan	16. Blade 4B	27. Cyan
6. Pan fine	17. Framing rotation	28. Magenta
7. Tilt	18. Stop/Strobe	29. Yellow
8. Tilt fine	19. Conversion filters 3,200 K - 6,000 K	30. Lamp control + HP/HN
9. Blade 1A	20. Prisms and light frost	31. Reset from desk
10. Blade 1B	21. Linear frost	32. Gobo 1 fine
11. Blade 2A	22. Extra focusing lens	33. Gobo 2 fine



Sales codes

C61043	Stage Profile Plus SV with PFC electronic ballast
C61048	Stage Profile Plus SV with electromagnetic ballast
L10055	Osram HMI 1200 W/S lamp
C52175	Truss G clamps
183102/801	Clamp fixing bracket

