

ALPHA SPOT HPE 1200



THE HIGHLIGHT OF THE PERFORMANCE

Alpha Spot HPE 1200 is the highlight of the Alpha range. Its extraordinary luminosity is guaranteed by the combination of a top performance optical unit and a 1200 W discharge lamp.

Featuring a large, newly designed Effects Section, Color Mixing CMY and Linear Zoom 10°-40°, Alpha Spot HPE 1200 is the most silent of the range and a great choice for all Lighting Designers who want maximum results in professional lighting.



ENGLISH

PRELIMINARY EDITION



PROFESSIONAL SHOW LIGHTING

CLAY PAKY s.p.a. Via Pastrengo, 3/b - Seriate (BG) Italy - Tel. +39-035-654311 - Fax +39-035-301876 - www.claypaky.it

Product features

Lamp

- Metal iodide 1200W lamp.
- Type: HTI 1200W/D7/60 Osram.
- Cap: 5Fc 10-4.
- Color Temperature: 6,000 K.
- Luminous flux: 110,000 lm.
- Average Life: 750h.
- Hot Restrike.

Optics

- Optical unit with optimal luminous efficiency.
- 10°- 40° Electronic Linear Zoom (10.4°- 38.2°).
- Electronic focusing.

Color system

- CMY Color Mixing.
- Linear CTO.
- 7- Color wheel with pure and selected colors.

Effects section

- Graphic system (20 gobos + 1 Animation disc):
 - 2 rotating gobo wheels, each one with 6 bi-directional, indexable and easily interchangeable decorative glass and dichroic gobos. Selectable "Gobo shake" function. "Morphing" effect.
 - 1 wheel with 8 fixed and easily interchangeable gobos, variable rotation and selectable "gobo shake" function.
 - Ø 120 mm Animation Disc that may be used alone or in combination with gobos, equipped with "fast clamping" system to quickly switch with other animation discs.
- 2 bi-directional rotating prisms (2- facet and 9- facet prism).
- 3 frost filters.
- Stop / strobe effect.
- High speed mechanical Iris.
- A state-of-the-art 0-100% dimmer on a dedicated channel.

Electronics and other features

- Long life self-charging buffer battery.
- Pre-set macros.
- "ENERGY SAVING" function: with the stop or total dimmer effect on, consumption cut by 50%.
- 115/230V switchable power supply.
- ON/OFF lamp control from the lighting desk.
- Function reset from the lighting desk.
- "HELP" function in the menu.
- "MEMO" function.
- "AUTOTEST" function.
- Possibility to upgrade the software through the DMX 512 input.
- Ethernet connection.
- Electronic control on each parameter.
- DMX level monitoring on each channel.
- Feedback information for each sensor and encoder.
- Electronic repositioning of the effects.

Technical data

Power supplies

- 200 - 240V 50/60 Hz • 100 - 120V 50/60 Hz
- The power supply can be changed over with the built-in selector.

Input power: 1.550VA at 230V 50Hz (PFC Electronic Ballast).

Input: DMX 512.

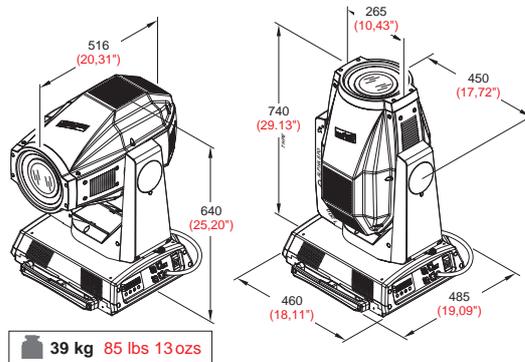
Body

- Aluminium structure with die- cast plastic cover.
- Two side handles for transportation.
- Device locking PAN and TILT mechanisms for transportation and maintenance.

Moving body

- Angle:
 - PAN = 450° - TILT = 252°
- Maximum speeds:
 - PAN = 4.0 sec. (360°) - TILT = 3.2 sec. (252°)
- Resolution:
 - PAN = 1.76° - PAN FIN = 0.007°
 - TILT = 0.98° - TILT FIN = 0.004°

Dimensions (mm/inches) and Weights



- Automatic repositioning of PAN and TILT after accidental movement not controlled by control unit.
- PAN and TILT lock on 4 and 5 positions respectively.

Cooling

Forced ventilation with axial fans.

Safety devices

- Bipolar circuit breaker with thermal protection.
- Automatic break in power supply in case of overheating.

Recommended working position

Functions in any position.

CE marking

In conformity with the European Union Low Voltage Directive 73/23 and Electromagnetic Compatibility Directive 89/336.

Accessories

Code 183102/801

Omega for Clamps fixing - supplied (2 pieces)



Code C52175

Clamps (hooks for truss) - not included



Code 105041/003

Safety cable - not included



Sales codes

| | |
|----------------|--|
| C 61062 | ALPHA SPOT HPE 1200 |
| L 10055 | HTI 1200W/D7/60 Osram Lamp |
| F 21170 | Foam shell |
| F 21162 | Flight case for 2 projectors (including 2 foam shells) |

CHANNELS

| | Standard | 16 b | Extended |
|------------|-------------------------|-------------------------|-------------------------|
| Channel 1 | Cyan | Cyan | Cyan |
| Channel 2 | Magenta | Magenta | Magenta |
| Channel 3 | Yellow | Yellow | Yellow |
| Channel 4 | Linear CTO | Linear CTO | Linear CTO |
| Channel 5 | Color Wheel | Color Wheel | Color Wheel |
| Channel 6 | Stop/Strobe | Stop/Strobe | Stop/Strobe |
| Channel 7 | Dimmer | Dimmer | Dimmer |
| Channel 8 | Iris | Iris | Iris |
| Channel 9 | Fixed Gobo Change | Fixed Gobo Change | Fixed Gobo Change |
| Channel 10 | Rotating Gobo Change 1 | Rotating Gobo Change 1 | Rotating Gobo Change 1 |
| Channel 11 | Gobo Rotation 1 | Gobo Rotation 1 | Gobo Rotation 1 |
| Channel 12 | Rotating Gobo Change 2 | Rotating Gobo Change 2 | Gobo 1 fine |
| Channel 13 | Gobo Rotation 2 | Gobo Rotation 2 | Rotating Gobo Change 2 |
| Channel 14 | Animation Disc | Animation Disc | Gobo Rotation 2 |
| Channel 15 | Animation Disc Rotation | Animation Disc Rotation | Gobo 2 fine |
| Channel 16 | Prism change/lens | Prism change/lens | Animation Disc |
| Channel 17 | Prisms Rotation | Prisms Rotation | Animation Disc Rotation |
| Channel 18 | Frost | Frost | Prism change/lens |
| Channel 19 | Focus | Focus | Prism Rotation |
| Channel 20 | Zoom | Zoom | Frost |
| Channel 21 | Pan | Pan | Focus |
| Channel 22 | Tilt | Tilt | Zoom |
| Channel 23 | Reset | Reset | Pan |
| Channel 24 | Lamp | Lamp | Pan fine |
| Channel 25 | | Pan fine | Tilt |
| Channel 26 | | Tilt fine | Tilt fine |
| Channel 27 | | Gobo 1 fine | Reset |
| Channel 28 | | Gobo 2 fine | Lamp |



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