

## SAFETY

It goes without saying that STAGE SCAN is CE certified in compliance with current safety standards. We have already mentioned the facility for working on the effects section without killing the lamp: this is possible thanks to the segregated access to the lamp zone and the effects section in the projector body. Lighting designers can work in total tranquillity without risking burnt fingers or burns from UV radiation emitted by the lamp, which is completely separate and protected in its housing. And when it's time to change the lamp, opening the cover automatically breaks a safety microswitch contact that disconnects the power supply. Even the conventional fuses have disappeared, replaced on this model with a highly efficient and safe automatic dual pole cut-out switch. Mechanical safety equipment includes the lateral transport handles and the attachment for the obligatory safety chain when the projector is mounted on overhead bars.



## GENERAL CHARACTERISTICS

### POWER SUPPLY

- 200-220V/60 Hz or 220-240V/50 Hz versions.

### LAMP

- HMI 1200, 110,000 lumen
- Electronic igniter for hot restrike function
- Lamp hour meter
- Standard power factor correction; total power consumption is 1600 VA.

### MOTORS

- Stage Scan incorporates 20 microstepping motors with full microprocessor control.

### OPTICAL SYSTEM

- Main optical system in diecast aluminium, comprising a twin lens condenser and special high luminous efficiency parabolic mirror
- Electronic focusing.

### MIRROR MOVEMENT

|                        | Pan          | Tilt         |
|------------------------|--------------|--------------|
| Reflection angles      | 150°         | 110°         |
| Maximum rotation speed | 0.4 s / 150° | 0.3 s / 110° |
| Movement resolution    | ± 0.3°       | ± 0.2°       |

### ELECTRONICS

- Developed exclusively for Clay Paky by Pulsar Light of Cambridge
- Three microprocessors for the receipt of control signals and real time simultaneous control of all projector functions.

### INPUTS

- DMX 512 serial digital input
- RS 232 (PMX) serial digital input.

### SAFETY STANDARDS

- Conforms to EC low voltage directive 73/23/EEC and EMC directive 89/336/EEC
- Protection category IP 20
- Power cord complies with IEC standards.

### SAFETY DEVICES

- Microswitch to disconnect power when lamp cover is opened
- Automatic dual pole cut-out switch
- Signal inputs protected against fortuitous injection of mains voltage or static electricity discharges.

### COOLING SYSTEM

- Forced cooling with axial fan and optimised air circulation by means of specially designed internal ducting.

### BODY

- Diecast and extruded aluminium
- Epoxy powder coated
- Four lateral transport handles.

### MIRROR HEAD

- Can rotate through 360° with respect to the projector body
- Graduated for easy positioning
- Fastening point for safety chain.

### MOUNTING BRACKET

- Aluminium bracket with epoxy powder coating
- Six installation positions - 25 mm spacing
- Bracket can be adjusted through 100° with graduated scale for easy positioning
- Fastening point for safety chain.

### OPERATING POSITION

- Any position on horizontal plane.

### WEIGHT (Kg)

|                                | Net | w/packing |
|--------------------------------|-----|-----------|
| STAGE SCAN without mirror head | 40  | 43        |
| Mirror head                    | 3.1 | 4.6       |

### PACKAGING

- On request, Stage Scan can be supplied in a custom made flight case, constructed in high quality materials, with or without casters.

### ORDER CODES

|        |                                      |
|--------|--------------------------------------|
| C11155 | STAGE SCAN                           |
| C21061 | STAGE SCAN mirror head               |
| L10030 | Osram HMI 1200 GS lamp               |
| C31144 | STAGE SCAN fan cover                 |
| F21120 | Flight case with casters             |
| F21121 | Flight case without casters          |
| C21029 | Static vertical floor stand          |
| C21030 | Adjustable wheel mounted floor stand |

