

CHAOS 2

Features of the Chaos 2

- 250W Halogen lamp.
- Fan Cooled
- 20 beams in 15 dichroic colours.
- 3 Split colours and 1 multicolour.
- 18 gobos.
- Sound animated movement
- Beams move to sound or continuously.
- Colours change to sound or continuously.

Designed to give the appearance of an intelligent "Datamoon type" effect, this clever Auto Moon can produce 20 dichroic beams of razor sharp light through an amazing 16 colours and 18 gobos. By simply plugging the CHAOS into the mains this unit will fill the air with a constantly changing carousel of lights. With two selection switches allowing the user to choose either constantly moving beams or "sound activated" and constantly changing colour/gobos or "sound activated". The CHAOS is a simple but impressively effective way of filling a venue with, sound activated shapes and colours at a fraction of the price of its intelligent counterparts, and an ideal solution for mobile or hire applications.

IMPORTANT

Installer and Users please note:

These instructions should be read carefully and left with the user of the product for future reference.

Installation

Fix the Chaos 2 with the hanging bracket provided. To conform to Health & Safety Regulations, a safety chain must also be employed.

The Chaos 2 must be installed by a competent electrician in accordance with the current IEE wiring regulations.


Connect the Chaos 2 to the mains supply with the lead provided. The wires are colour-coded as follows:

- Brown = Live (phase)
- Blue = Neutral
- Green/Yellow = Earth
- The Chaos 2 must be earthed for safe and reliable operation.

The supply must be fitted with an isolating switch, or plug and socket, and protected by fuse or circuit breaker rated at between 6A and 16A. If the Chaos 2 circuit is connected via an MCB then it is recommended that a time-delay MCB is used (Type 3 or Type C to BS3871). This will reduce the possibility of "nuisance tripping" due to the large inrush current of the halogen lamp.

Adjust the angle of the hanging bracket to obtain the best effect and tighten the handle fixing screws. The Chaos 2 may be moved whilst it is operating provided that it is done carefully, the lamp is most vulnerable to failure immediately after switching off. It is recommended that the Chaos 2 is

allowed to cool for 5 minutes after switching off before moving.

 This symbol means that in order to reduce the risk of fire, the Chaos 2 should be installed more than 0.8 metres from any object that it is illuminating.

Lamp Brightness/Extended Life Switch

The high brightness/extended life switch is provided to select high brightness or extended lamp life, or to allow for lower or higher mains voltages (A higher mains voltage substantially reduces lamp life). The switch is positioned next to the incoming mains cable. If operating on a 220V supply, select high brightness, otherwise, select whichever mode is appropriate. In the centres of towns the mains voltage can be appreciably higher than 240V during the evenings, so the extended life setting may be advisable.

Changing the lamp.

Disconnect from the mains supply. Loosen the fixing screw on the lamp cover in the front panel, and rotate the lamp cover to gain access to the lamp. Replace with a new lamp, type A1/259 (ELC). Do not touch the bulb, hold it only by the front edge of the reflector. If the bulb is touched, the glass should be cleaned before use using methylated spirit.

Replacing the fuse.

Occasionally, when the lamp fails, the fuse may blow. The fuse is located on the circuit board inside the unit. If this occurs, disconnect from the mains supply and remove the lid, replace the fuse with a new fuse type 20mm x 5mm 3.15 Amp Anti-surge, High breaking capacity. This type of fuse has a ceramic case. Do not replace with any other type or value of fuse. If the new fuse blows, consult a dealer.

Focusing.

If the beams need to be re-focussed, then slacken the lamp bracket using the screws in the underneath of the case. Move the bracket forwards or backwards as required, and re-tighten the screws when the best image is obtained.

Cleaning.

The Chaos 2 should be cleaned periodically as the colours become less intense as smoke fluid residues build up on the reflector. Disconnect from the mains supply, remove the lid fixing screws and remove the lid, clean the lens and the dichroic reflector dish using a soft lint-free cloth and methylated spirit, isopropyl alcohol or hi-fi cleaning fluid.

Sound/Continuous switches.

The switches on the rear panel should be set as follows:

Beams switch: Sets whether the pattern of beams moves continuously or moves to sound

Colours switch: Sets whether the colours change to sound or change continuously

In: Move to the bass beat of the music

Out: Move continuously.

Technical Specification.

Power Supply: 230V AC 50Hz 1.3A
 Power consumption: 250VA
 Power factor (cos ϕ): 0.95 (inductive load)
 Mains input: Cable to BS6500
 Internal Fuse: T3.15A HBC 5mm x 20mm to
 IEC127

(HBC means High Breaking Capacity, a HBC fuse has a ceramic case)

Lamp: A1/259 (ELC) 24V 250W
 Beam intensity: 30,000 candela (high brightness)
 15,500 candela (extended life)
 Lamp life: 100 hours nominal @ 230V AC
 (high brightness)
 300 hours nominal @ 230V AC
 (extended life)

Note: Although Britain has had a 230V supply since January 1995, the voltage is usually nearer 240V

Lamp Life: 60 hours nominal @ 240V AC
 (high brightness)
 180 hours nominal @ 240V AC
 (extended life)

Beam diameter: 0.03m wide @ 1m

Beam angle: 1.8°

This is the diameter of each individual beam (circular gobo selected)

Pattern diameter: 0.45m @ 1m

Pattern Angle: 26°

This is the overall diameter of all 20 beams

Colours: 15 dichroic plus white

Split colours: 3

Multi colours: 1

Gobos: 18

Safety Standards

The Chaos 2 complies with:

- EN60598 (European Safety Standard for Luminaires)
parts 1, 2.6 and 2.17
- EN55015 (Electromagnetic Compatibility Standard)

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