CHAOS

Features of the Chaos

- 100W Halogen lamp.
- 20 beams in 16 colours.
- Dichroic filters
- 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.

Installation.

Fix the Chaos with the hanging bracket provided. To comply with Health and Safety Legislation a safety chain should be employed. An independent fixing point for the safety chain is provided at the rear of the base.

The Chaos may also be used free-standing with its handle used as a base. If this is required, remove the handle, and replace the other way round so that it rotates below the product instead of above.

Connect the Chaos to the mains supply with the built in mains lead, Connect the wires as follows:

- **Brown = live**
- **Blue = neutral**
- **Green/yellow = earth**
- **The Chaos must be earthed**

When connecting via a switching or power pack, the outputs should be de-rated by 50% from its “resistive load” capacity to allow for the large inrush current of the halogen lamp. The Chaos should not be connected to a dimming pack or light dimmer. The Chaos is an inductive load.

Adjust the angle of the hanging bracket to obtain the best effect and tighten the handle fixing screws. The Chaos 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 is allowed to cool for 5 minutes after switching off before moving.

The Chaos should be installed more than 0.4 metres from any object that it is illuminating.

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 A1/231 (EFP). 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.

Longer lamp life can be obtained at the expense of light output by fitting a type A1/232 (EFR) lamp.

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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 1 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 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.

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Technical Specification.

Power Supply:	230V AC 50Hz
Power consumption:	105VA
Power factor (cos φ):	0.95 (inductive load)
Mains input:	Cable to BS6500
Internal Fuse:	T1A HBC 5mm x 20mm to IEC127

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

Lamp:	A1/231 (EFP) 12V 100W
Lamp life:	175 hours (+110% -65%) @ 230V AC (+10% -6%)

Note: Although Britain has a nominal 230V AC supply, the voltage is nearer 240V AC which gives a lamp life of 100 hours.

+10% -6% is the maximum permissible variation of the supply voltage.

Light output:	27000 candela
Colours:	15 dichroic plus white
Gobos:	18
Beams:	20
Beam spread:	26° (0.45m wide @ 1m)

Beam size: 1.8° (0.03m wide @ 1m

Safety Standards

The Chaos complies with EN60598 (European Safety Standard for Luminaires) and EN55015 (Electromagnetic Compatibility Standard)

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