



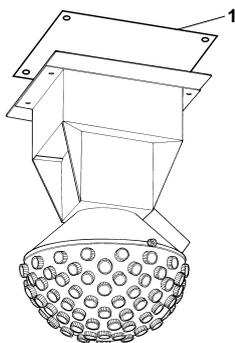
INSTRUCTION MANUAL

IMPORTANT: Read carefully. A thorough knowledge of the information and prescriptions in this manual is essential for the correct and safe use of the equipment.

1 INSTALLING THE PROJECTOR

• Unpacking

Open the box, remove the projector from the packing and place it on a flat, horizontal surface. Unpack the standard accessories supplied with the fixture.



• Fitting the lamp

Refer to directions for replacement of the lamp given under heading 3 MAINTENANCE.

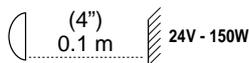
• Installing the projector

The projector can be mounted in any position without its operating characteristics being affected. Fix the drilled plate (1) to the supporting structure and then fix the plate to the projector using four M8 nuts and four lock washers.

Make sure that the anchorage is stable before positioning the projector.

• Minimum distance from target objects

The projector must be positioned in such a way that objects struck by the beam are located at least 0.1 m (4") from the lens.



• Minimum distance of inflammable materials from any part of the fixture:

0.02 m (1").



The fixture may be mounted on surfaces rated normally inflammable.

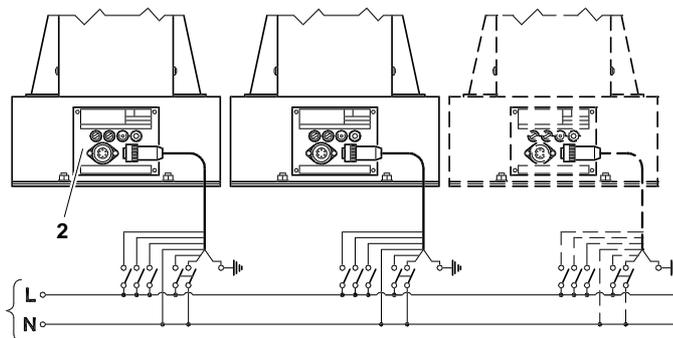
IMPORTANT: For better and more reliable operation of the projector, the ambient temperature must not exceed 35° C (95° F).

Protection factor IP 20: the appliance is protected against penetration of solid bodies more than 12mm (0.5") in diameter (first digit 2), but can be damaged by spray, jet, drip or rain water (second digit 0).

2 POWER SUPPLY AND SETUP

• Connecting to the electrical power supply

The operations described in this heading must be carried out by a licensed electrician. The projector must be wired up to the electrical power supply using the special socket connector provided. It is good policy to connect projectors to the power supply by way of dedicated switches, so that each can be turned on and off individually from a remote station.



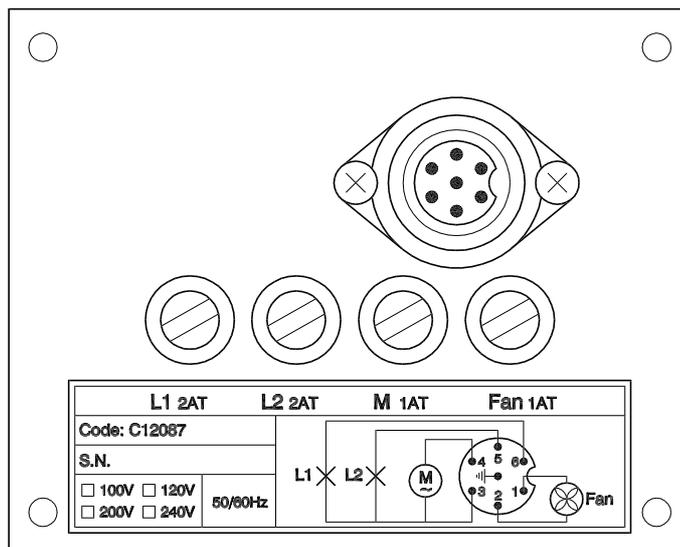
Mains

The projector is designed to operate at the voltage and frequency indicated on the electrical data plate (2) located on the base. Check that these two values correspond to the mains voltage and frequency.

IMPORTANT: the projector must be connected to a power supply circuit having a proper earth system (Class I appliance).

• Electrical connections (supplied socket outlet)

PIN	CONNECTION
1-2	Fan: must be powered up constantly when projector is in use.
3-4	Motor: can be constantly on, constantly off or connected through a manual switch or lighting controller.
3-5 3-6	Lamps: can be off / on or connected through a manual switch or lighting controller.



3

MAINTENANCE

IMPORTANT: isolate the projector from the electrical power supply before commencing maintenance work of any description.

The maximum temperature on the outer surface of the projector under normal operating conditions is 80°C (176° F).

After switching off, do not remove any part of the projector for at least 2 minutes; once this time has elapsed, the risk of a lamp exploding is practically zero.

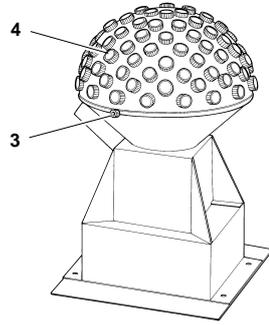
If the lamp needs changing, wait a further 15 minutes to avoid the risk of burns.

In the event of a lamp exploding, the fixture is designed to prevent fragments of glass from being scattered.

The lenses must be fitted at all times, and if visibly damaged must be replaced promptly with genuine spares.

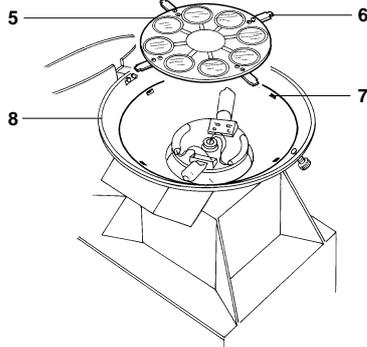
• Opening the projector

Unscrew the knob (3) and open the cover (4) to access the lampholder assembly. Once the necessary work has been completed, close the cover (4) and tighten the knob (3).



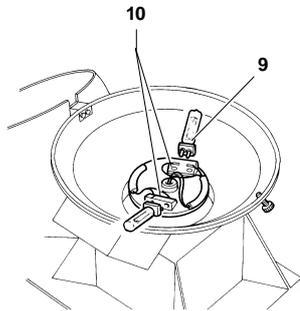
• Installing the colour wheel (optional)

Remove the colour wheel (5) from its packaging and fit it on the projector ensuring that clips (6) are aligned with locations (7) in the protective cone (8) located inside the projector.



• Changing the lamp

Remove the lamp (9) from fitting (10) by gripping it at the base. Remove the new lamp (9) from its box and insert into the fitting (10), ensuring that the pins are positioned correctly.

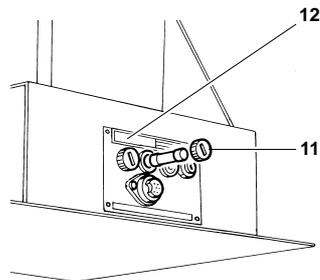


CAUTION:

- When fitting a new lamp, read the manufacturer's instructions carefully.
- The lamp must always be changed without delay if damaged or deformed by heat.

• Replacing the fuse

To replace the fuse unscrew fuseholder cap (11) and fit a new fuse of the same type and rating as indicated on the label (12). Refit the fuseholder cap and tighten fully.



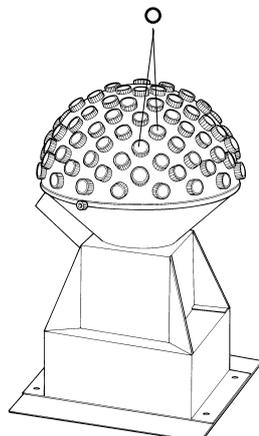
• Routine cleaning

To maintain the light output of the projector undiminished, parts that tend to accumulate dust and grease must be cleaned periodically. The projector will give long and trouble-free service if these simple guidelines are followed. To remove dirt from the lenses and filters, use a soft cloth moistened with any liquid detergent suitable for cleaning glass.

IMPORTANT: do not use solvents or alcohol

- Parts that need cleaning frequently.

Internal parts should be cleaned once a year by dislodging dust and dirt with a brush and removing with a vacuum cleaner.



4 TROUBLESHOOTING

PROJECTOR DOES NOT LIGHT UP		FAULTS
PROJECTION FAULTY		
REDUCED BRIGHTNESS		
	POSSIBLE CAUSES	CHECKS AND REMEDIES
●	No electrical power supply.	Check that power is available at the mains, that the fuses are intact and that the lighting controller (if present) is functioning correctly.
●	Lamp expended or faulty.	Change lamp (see instructions).
●	Deposit of dust or grease.	Change lamp (see instructions).

5 TECHNICAL DATA

ELECTRICAL / MECHANICAL SPECIFICATIONS

Power supplies available

- 200-240V 50/60Hz
- 100-120V 50/60Hz

The projector is designed to operate at the mains frequency and voltage given on the electrical data label on the base of the appliance.

Lamps

N. 2 halogen lamps supplied independently by means of built-in transformers:

- Type 24V 150W
- Cap GY 6.35
- Colour temperature 3300 K
- Luminous flux 6000 lm
- Average life 50 h

Power consumption

350VA a 230V 50Hz

Rotation speed of lamps

50 rpm

CONTROL SYSTEM

Simultaneous or sequential striking of the lamps and motor rotation can be delegated to an external controller.

CONSTRUCTION FEATURES

Cooling

Forced ventilation cooling system using axial flow fans.

Housing

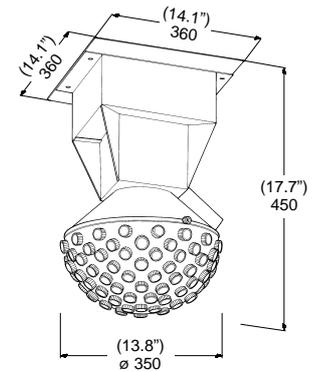
- Steel and extruded aluminium.
- Epoxy powder coated finish.

Operating position

Will function in any position.

Weight and dimensions

Weight: 19 kg (41 lbs 13 ozs)



The specifications published in this manual are not binding, and may be revised or updated at any time by Clay Paky without notice in the interests of improving product quality.



The products referred to in this manual comply with EC Directives on:

- Low Voltage 73/23
- Electromagnetic Compatibility 89/336