

Caution

Do not obstruct the air vents or the fan.
Do not touch unit or lamps while hot.
No user serviceable parts inside, please refer to CHAUVET for service.

Power Connections

The unit is supplied with a power plug appropriate to its voltage and destination. Should any other connections be required they must be carried out with the following configuration.

Earth = Green/Yellow cable
Neutral = Blue cable
Live = Brown cable

In the USA & Europe, it is required that all plugs are 3-pin type i.e. with Earth/Ground connection.
In the UK, it is required that all mains plugs are fitted with 5A fuses.

Technical Specifications

Power	120V~60Hz AC	230V~50Hz AC
Fuse	20mm Glass 7A Fast Blow	20mm Glass 3.15A Fast Blow
Lamps	2 x 120V 300W Part No 64514	2 x 120V 300W (wired in series) Part No 64514
Dimensions	380 x 368 x 280mm / 15in x 14.5in x 11in	
Weight	11.5kg / 25lbs	

User Information (Please complete for your records)

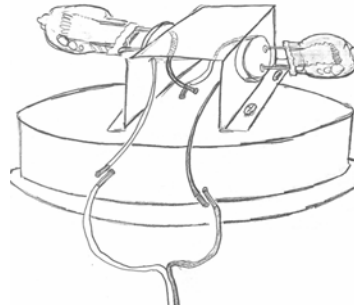
Date Purchased: / / Serial No: _____

Dealer Stamp: Model: CH-310 DOUBLE
DERBY

Lamp (in-series) Wiring Drawing for 230V Operation

In prior tests of the 230V version of the 64514 known as the 64516 or 64515, failure of the lamp was common place due to rapid fixture movement during normal operations and penetrating sound waves produced in low frequency based music.

Many customers around the world in places where power is served at 230V or 240V have noticed that connecting the 64514 (120V) lamps in series is the most effective and economical method. Tests have shown that the lamp will hold much longer than their 230V counter parts.



Double Derby™

CH-310



Users Guide

Please read these instructions carefully before use

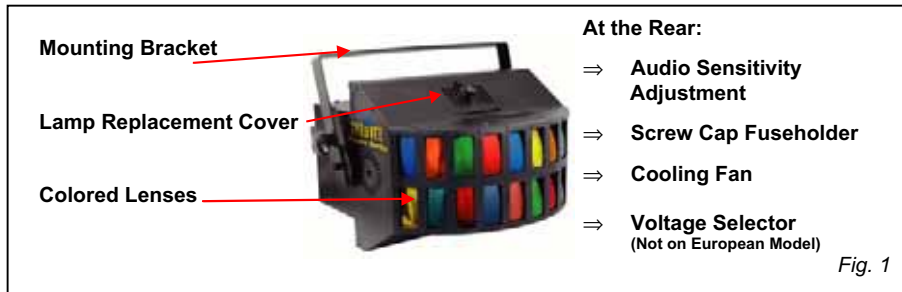
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Introduction

Congratulations on the purchase of your new CHAUVET lighting effect. We are confident you will enjoy many trouble free hours with this unit. To assist with the care and use of the product we have prepared this short guide.

Operation

Before connecting this unit to the mains power supply for the first time you must first install the lamps. (See 'Replacing Lamps' for details).

This lighting effect has been designed to function on a mains power supply of either 120V~60Hz or 230V~50Hz and has been fitted with a suitable power plug for use with your local voltage. Check the label and voltage selector switch (if fitted) on the unit and the power plug for the correct voltage.

When connected to the mains power supply the unit should illuminate and the fan should rotate. As the effect is sound activated it may be necessary to adjust the audio sensitivity control.

Due to the high operating temperature of halogen lamps it is advisable that the effect be used in well ventilated areas taking care not to obstruct the air vents or the fan. After use allow time to 'cool' for safety and to ensure lamp life before moving or touching.

The duty cycle for this effect should be no more than 15 minutes on then 15 minutes off.

Installation / Mounting

This unit has been designed to be hung. It is recommended that, for safety purposes, your lighting effect be properly mounted using a suitable hanging clamp and safety cable. CHAUVET offers a range of items, which are ideal for safe mounting.

Use in a well-ventilated area without obstruction to the fan.

Replacing Lamps

1. Disconnect from main power supply before attempting to replace either lamps or fuse.
2. Ensure that the unit is sufficiently cool, before removing blown lamps.
3. Never touch new lamps with your fingers; use a tissue or a cloth.

In order to replace the lamps, disconnect from main power supply first, and unscrew the lamp replacement cover, which is highlighted on the diagram (fig.1). Only use the appropriately rated lamps as use of any other lamp type may cause the unit to be non-operational.

Due to the nature of halogen lamps it is vitally important that you do not touch the new replacement lamp with your fingers, as this will reduce lamp life considerably. Once again a tissue or cloth can be used for fitting the replacement lamp. In situations where only one lamp has blown, it is advisable that you replace both lamps together for efficiency and ease.

Finally before using, check that the lamps are housed correctly in the lamp holder and that the lamp replacement cover has been screwed back into place.

If after replacement of the lamps, the unit is still not working then please contact CHAUVET for servicing.

Replacing Fuses

If the unit does not function at all when connected to the main power supply i.e. the fan does not rotate or the mechanism does not spin. Then it is highly likely that the fuse has blown.

Disconnect from main power supply before attempting to replace either lamps or fuse.

In order to replace the fuse, disconnect from the main power supply first, and then unscrew the fuseholder cover to reveal the fuse. The unit has a label attached which indicates the correct fuse rating and you will also find this listed as part of the specifications for the unit later in this guide. It is most important that replacement fuses are of the correct rating. Failure to use the correct fuse could damage the lighting effect beyond economic repair.

The fuse should simply be placed inside the holder and the screw cap replaced, when this is done connect to the main power supply to check. If the unit is still not working then please contact CHAUVET for servicing.

Cleaning

The most important part of your lighting effect to keep clean are the lenses as they allow the light output to transmit. These should be cleaned with a soft damp cloth. The body of the unit may also be cleaned in the same way. We recommend internal cleaning be carried out by a fully qualified technician.

Maintenance & Servicing

Work on internal parts should be carried out by a qualified technician. Removal of any covers other than the lamp replacement access or the fuseholder is considered a breach of warranty and will not be covered under any such agreement unless authorized first by CHAUVET.

Troubleshooting

- If the unit is not functional – check main power supply is 'on' and check fuses.
- If the unit is functional but lamps do not light - lamps may require replacing.
- If the unit lights but will not move - adjust sensitivity control.

If after trying this solution you still have a problem contact CHAUVET.