

## USER MANUAL



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Information and specifications in this User Manual are subject to change without notice. CHAUVET assumes no responsibility or liability for any errors or inaccuracies that may appear in this manual.

# 1. Before You Begin

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## Unpacking Instructions

Immediately upon receiving a product, carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. **Save the carton and all packing materials.** In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

**Note:** If you should require sending any items back to CHAUVET, call CHAUVET for a (RMA) Return Merchandise Authorization number. The factory will not allow any shipments without an RMA.

### Your shipment includes the following:

- 1 x Mega Strobe™ III
- CH-750B lamp (installed)
- Warranty Card
- Users Manual

## Contact Us

### World Wide

**General Information** Chauvet Lighting  
3000 North 29<sup>th</sup> Court  
Hollywood, FL 33020  
voice: 954.929.1115  
fax: 954.929.5560  
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**Technical Support** Chauvet Lighting  
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**World Wide Web** [www.chauvetlighting.com](http://www.chauvetlighting.com)

## Important Safety Information



This product is designed for professional use. It is not intended for use in a household environment. This product presents risks of lethal or severe injury due to fire and heat, electric shock, ultraviolet radiation, lamp explosion, and injury from falls. **Read this manual** before installing or powering the fixture, follow the safety precautions listed below and observe all warnings in this manual and on the fixture. If you have any questions about how to operate the fixture safely, please contact CHAUVET.

### Protection against Electric Shock

- Always disconnect from AC power source before servicing or replacing lamp or fuse and be sure to replace with same lamp source.
- All Class I fixtures must be connected to circuits with a suitable Earth Ground.
- To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable materials close to the unit while operating.
- Do not operate the fixture if covers are open or if any internal component is missing or damaged: an unshielded discharge lamp emits dangerous UV radiation that can cause burns and eye damage.
- Make sure power cord is never crimped or damaged.
- Never disconnect power cord by pulling or tugging on the cord.

### Protection against Fire & Burns

- This product is designed to be used with very specific lamp(s). Use of any other type of lamp not stated in this manual may create a fire hazard due to possible risk of lamp explosion. Using the wrong type of lamp in this product VOIDS the warranty.
- Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on decal or rear panel of the fixture.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Maintain a minimum distance of 1 meter (3.28 feet) from combustible materials.
- Allow this product to cool for a minimum of 15 minutes before opening, handling or removing the lamp in this product.
- Maximum ambient temperature is Ta: 40°. Do not operate fixture at temperatures higher than this.

### Protection against exposure to (UV) Ultraviolet Radiation

- Avoid direct eye exposure to lamp while it is on.
- Do not operate the fixture if covers are open or if any internal component is missing or damaged.

### Protection against Injury to persons

- Secure fixture to fastening device using a safety chain.
- A hot lamp is an explosion hazard. Do not open fixture for a minimum of 15 minutes after switching off. Wear eye and hand protection when re-lamping.
- Fixture surface may reach temperatures of up to 160° C (320° F). Handle fixture after it cools.
- In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

#### **Caution!**

***There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact CHAUVET.***

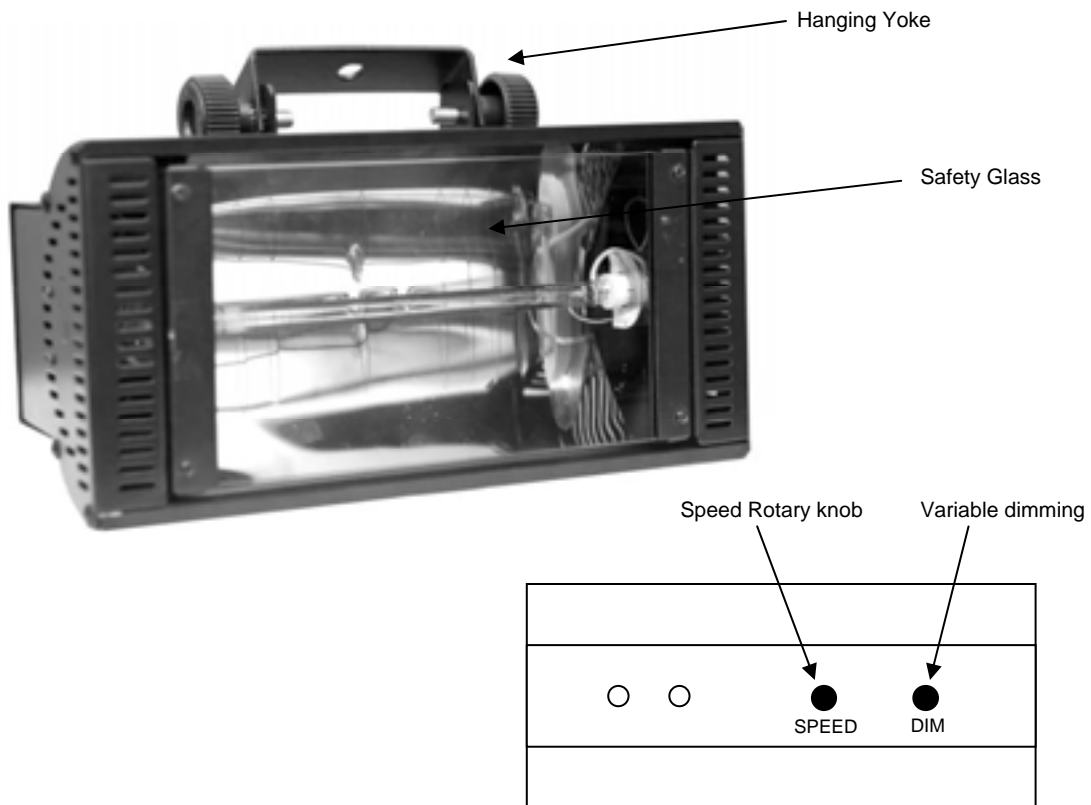
# 2. Introduction

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## Features

- 750 watts
- Variable speed control knob (1 ~ 20 flashes per second/10 million-flash life)
- Variable dimmer control knob
- Linkable via mono cable (EST-10MONO)
- Chase / Sound-activation via optional CH-751 & SC-1000M
- DMX via optional DMX-752 converter
- Bulb: CH-750B

## Product Overview



# 3. Setup

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## AC Power

### **Warning!**

**Verify that the power requirement label on your unit matches the line voltage applied. All fixtures must be connected to circuits with a suitable Earth Ground.**

- To determine the power requirements for a particular fixture, see the label affixed to the back plate of the fixture or refer to the fixture's specifications chart.
- A fixture's listed current rating is its average current draw under normal conditions.
- All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0% to 100% switch.
- Before applying power to a fixture, check that the source voltage matches the fixture's requirement.
- All fixtures must be connected to circuits with a suitable Earth Ground.

### Power Cable Configuration

CABLE	Pin	International	Screw Color
BROWN	Live	L	Yellow or Brass
BLUE	Neutral	N	Silver
YELLOW/GREEN	Earth	EG (Ground)	Green

## Mounting

### Orientation

This fixture can be mounted on a truss using a clamp in any position or against a flat surface using the brackets provided.

### Rigging

The fixture includes a mounting yoke to which 1 rigging clamp can be bolted. You must supply your own clamp and make sure the clamp is capable of supporting the weight of this fixture. You can order C-clamps from any CHAUVET dealer or distributor.

Hanging Clamp

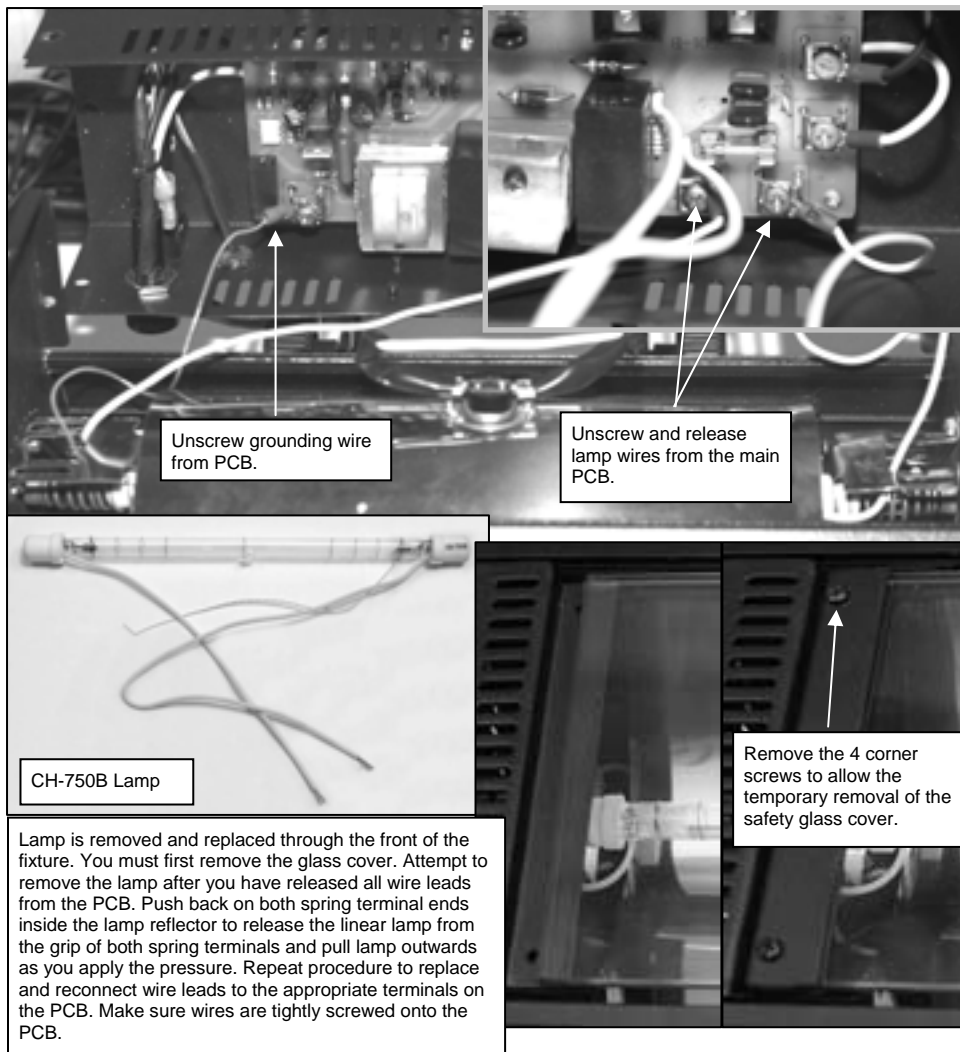


1. Block access below the work area and use suitable and stable platform when installing or servicing fixture.
2. Align the clamp screw with the center hole on the yoke and tighten.
3. Verify the structure can hold 10 times the weight of all to-be installed fixtures.
4. Adjust the angle on the yoke arm as necessary.
5. Always use a safety cable or chain as a secondary source of attachment. The safety cable must hold 10 times the weight of the fixture. If safety cable attachment point is provided that is permanently affixed to the surface or body of the fixture, use that instead of looping through a hanging yoke/arm.

## Lamp Installation

**When replacing the lamp, please wait 15 minutes after powering down to allow the unit to cool down! Always disconnect from main power prior to lamp replacement.**

Do not touch the envelope (glass area) of the bulb with bare hands. If this happens, clean the lamp with alcohol and wipe it with a lint free cloth before installation.



# 4. Operating Instructions

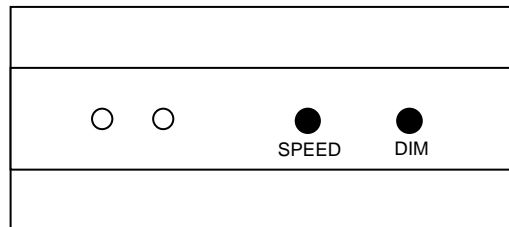
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## Operating Modes

- A stand-alone mode will allow the user to set the desired speed and intensity.
- Master/Slave output provides for unison triggering of chained strobes.

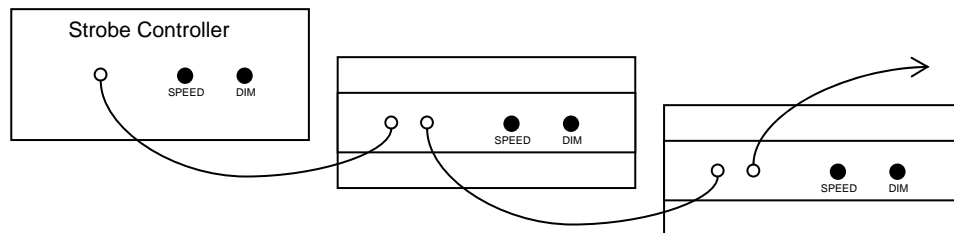
### ***Stand Alone***

The Stand Alone mode is activated automatically when the fixture is absent of a CH-751 or a SC-1000M controller. The strobe speed and strobe intensity can all be adjusted and they are located on the bottom of the fixture.



### ***Unison Strobe (with optional strobe controller)***

The Unison strobe mode will allow you to link additional units in a daisy chain fashion. Simply connect the first fixture to the strobe controller, and connect each fixture in a daisy-chain fashion using a ¼" MONO phone cable.





# 5. Appendix

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## Returns Procedure

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Merchandise Authorization Number (RA #). Products returned without an RA # will be refused. Call CHAUVET and request RA # prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. CHAUVET reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

## Claims

Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise. It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Any other claim for items such as missing component/part, damage not related to shipping, and concealed damage, must be made within seven (7) days of receiving merchandise.

## Maintenance

To maintain optimum performance and minimize wear, fixtures should be cleaned frequently. Usage and environment are contributing factors in determining frequency. As a general rule, fixtures should be cleaned at least twice a month. Dust build up reduces light output performance and can cause overheating. This can lead to reduced lamp life and increased mechanical wear. Be sure to power off fixture before conducting maintenance.

Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean all glass when the fixture is cold with a mild solution of glass cleaner or Isopropyl Alcohol and a soft lint free cotton cloth or lens tissue. Apply solution to the cloth or tissue and drag dirt and grime to the outside of the lens. Gently polish optical surfaces until they are free of haze and lint. Do not touch the lamp glass when cleaning fixture. Oil and dirt can cause damage and premature aging of the lamp. In the event that the lamp is touched or becomes dirty, clean the lamps with an alcohol wipe.

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics. Clean with soft cloth using normal glass cleaning fluid. - Always dry the parts carefully. - Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

# Technical Specifications

## WEIGHT & DIMENSIONS

Length.....	304.8 mm (12.0 in)
Width .....	127.0 mm (5.0 in)
Height .....	196.8 mm (7.75 in)
Weight .....	2.27 Kgs (5.0 lbs)
Master Pack.....	(4 pcs) 9.07 Kgs (20.0 lbs)

## POWER

Operating Voltage .....	90V ~ 240V 50/60 Hz
AC input.....	IEC 60320 C14

## THERMAL

Auto-reset thermal switch - maximum ambient temperature.....	40° (104° F)
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## FUSE

Main.....	20mm Glass 20A Fast Blow
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## CONTROL & PROGRAMMING

Remote Controller Input .....	¼" MONO phone plug
Output.....	¼" MONO phone plug

## ORDERING INFORMATION

Mega Strobe III™ .....	ST-750
Replacement bulb .....	CH-750B
1 channel strobe controller .....	CH-751
4 channel strobe controller .....	SC-1000MONO

# Technical Support

Address: Service Dept.  
 3000 N 29th Ct, Hollywood, FL 33020 (U.S.A.)  
 Support (Email): [tech@chauvetlighting.com](mailto:tech@chauvetlighting.com)  
 Telephone: (954) 929-1115 - (Press 4)  
 Fax: (954) 929-5560 - (Attention: Service)  
 Website: <http://www.chauvetlighting.com>