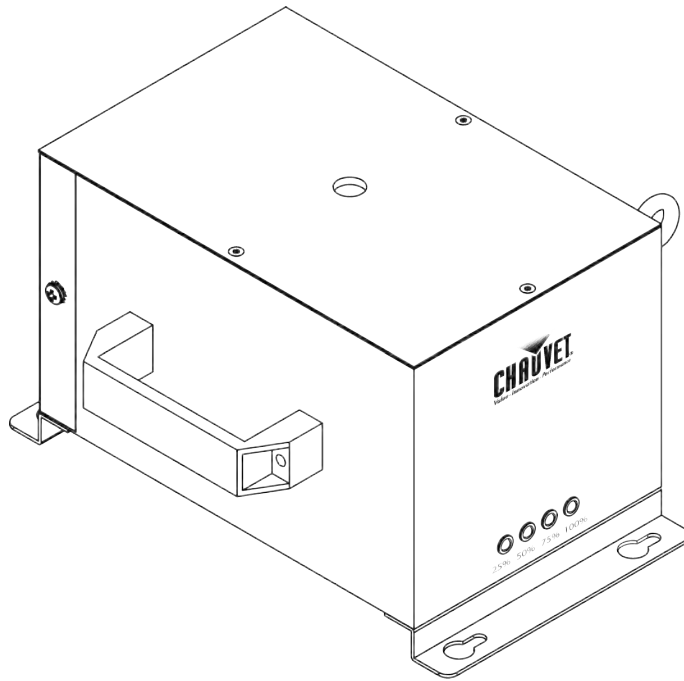


SATELLITE

User Manual



CHAUVET[®]
Value • Innovation • Performance
It's Green Thinking

TABLE OF CONTENTS

1. Before you Begin	3
What is Included.....	3
Unpacking Instructions	3
Text Conventions	3
Icons	3
Safety Notes	4
2. Introduction	5
Product Dimensions	5
Product Overview.....	6
3. Setup	7
AC Power.....	7
Mounting	9
4. Technical Information	10
General Maintenance	10
General Troubleshooting	10
Returns Procedure	11
Claims.....	11
Contact Information.....	11
5. Technical Specifications	12

Document Information

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1. BEFORE YOU BEGIN

What is Included

- 1 x Satellite™
- 1 x battery charger
- 1 x 4-pin DIN cable (1 m length)
- 1 x Warranty Card
- 1 x User Manual

Unpacking Instructions




Immediately upon receiving this product, carefully unpack it and check the container in which you received it. Make sure that you have received all the parts indicated above and that they are all in good condition. If the material inside the container (this product and any other accessory included with it) appears damaged from shipping, or if the container shows signs of mishandling, notify the shipper immediately. In addition, retain the container and all the packing material for inspection.

See the *Claims* section in the “Technical Information” chapter.

Text Conventions

Convention	Meaning
[10]	A DIP switch to be configured
<Menu>	A key to be pressed on the fixture’s control panel
1~512	A range of values
50/60	A set of values of which only one can be chosen
<i>Settings</i>	A menu option not to be modified (for example, showing the operating mode/current status)
<i>Menu > Settings</i>	A sequence of menu options to be followed
ON	A value to be entered or selected

Icons

Icon	Meaning
	This paragraph contains critical installation, configuration, or operation information. Failure to comply with this information may render the fixture partially or completely inoperative, cause damage to the fixture, or cause harm to the user.
	This paragraph contains important installation or configuration information. Failure to comply with this information may prevent the fixture from functioning correctly.
	This paragraph reminds you of useful, although not critical, information.

Product at a Glance

Use on Dimmer	×	Auto Programs	×
Outdoor Use	×	Auto-ranging Power Supply	P
Sound Activated	×	Replaceable Fuse	×
DMX	×	User Serviceable	×
Master/Slave	×	Duty Cycle	×

Safety Notes

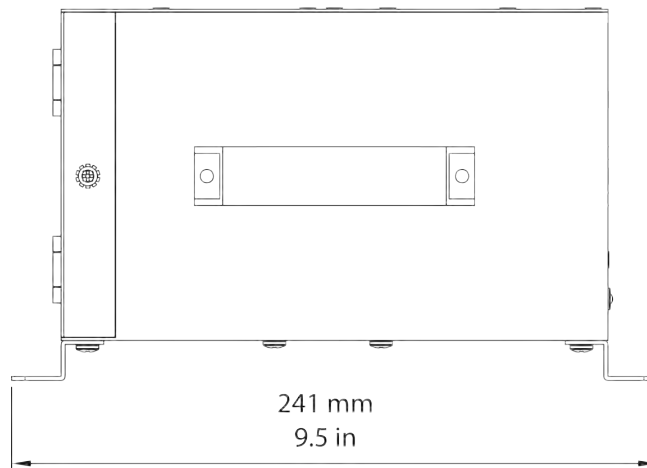
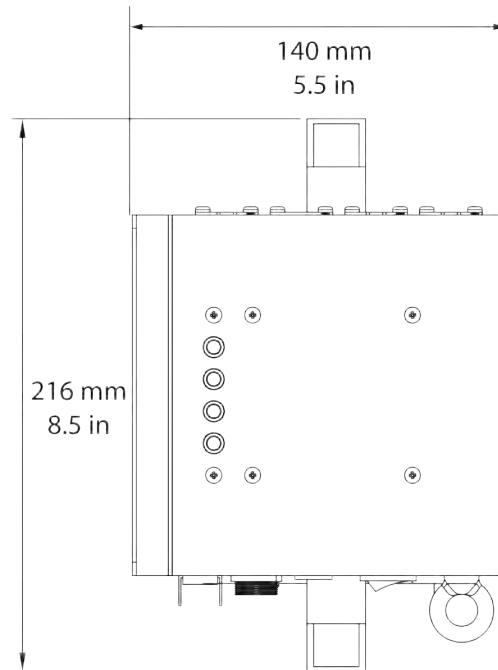


Please read the following notes carefully because they include important safety information about the installation, usage, and maintenance of this product.

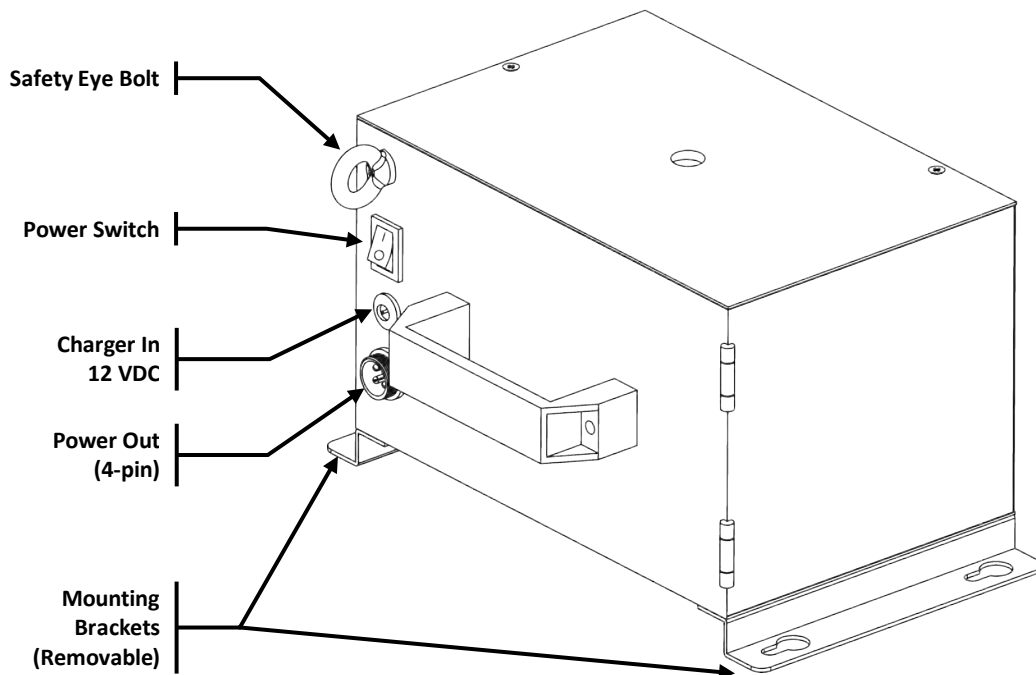
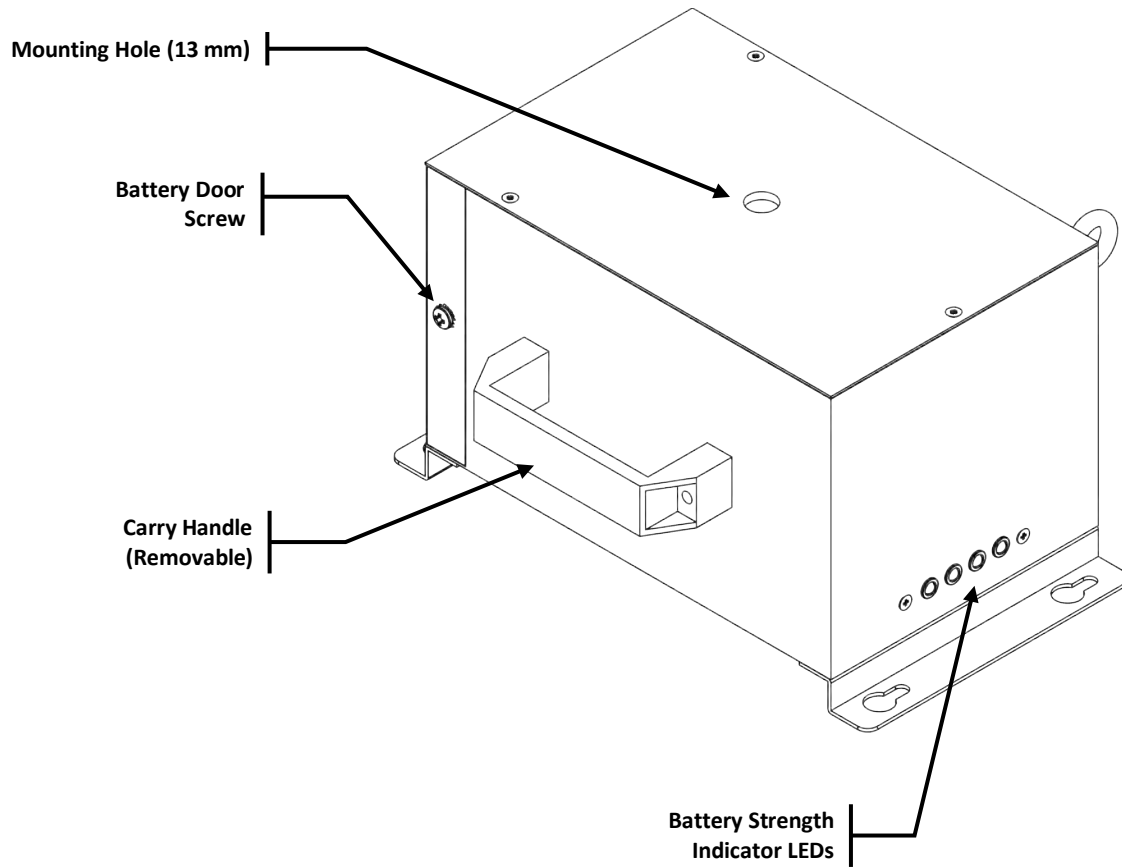
- Keep this User Manual for future consultation. If you sell this product to another user, be sure that they also receive this document.
- Always make sure that the voltage of the outlet to which you are connecting this product is within the range stated on the decal or rear panel of the fixture.
- This product is for indoor use only! To prevent risk of fire or shock, do not expose this fixture to rain or moisture.
- This product is for indoor use.
- Make sure there are no flammable materials close to the unit while operating.
- Always install this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the unit's housing are blocked.
- Always disconnect this product from the power source before cleaning it.
- If mounting this product overhead, always secure it to a fastening device using a safety cable.
- The maximum ambient temperature (Ta) is 104° F (40° C). Do not operate this product at higher temperatures.
- In the event of a serious operating problem, stop using the unit immediately.
- Never try to repair this product. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.
- Never connect this product to a dimmer pack.
- Make sure the power cord is not crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Never carry this fixture from the power cord. Always use the handles.

2. INTRODUCTION

Product Dimensions



Product Overview



3. SETUP

AC Power

This product has an auto-ranging power supply and it can work with an input voltage range of 100~240 VAC, 50/60 Hz.

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 indicates its average current draw under normal conditions.



Always connect this product to a protected circuit (circuit breaker or fuse), making sure that it has an appropriate electrical ground to avoid the risk of electrocution or fire.



Never connect this product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

Battery Charging



In order to get an even charge and ensure a long battery life, disconnect the light from the battery before connecting the battery charger. Then, allow the battery to fully charge before using it.

The Satellite™ is supplied with a battery charger. The LED on the charger will be green if the battery is fully charged. It will be red if the battery needs to be charged.

To charge the battery:

- 1) Disconnect the power cable between the Satellite™ and the light.
- 2) Turn the Satellite's power switch off.
- 3) Plug in the supplied battery charger.
- 4) Allow the unit to charge until the charger's LED indicator turns green. This indicates a full charge.
- 5) For best results, charge for 8~10 hours.



The LED on the supplied charger will also light green if it is NOT connected to the Satellite™.



Always connect the charger to a switched circuit. Never connect the fixture to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used only as a 0 to 100% switch.

Storage

To ensure a long battery life, following the procedure below when storing this product:

- 1) Recharge the battery **every** 30 days.
- 2) Never leave the battery charging for longer than 12 hours.
- 3) If planning on storing the unit for longer than 30 days, store it in a location below 80° F

Battery Replacement

With proper maintenance, your battery should operate for years. However, eventually it will need replacement.

To remove the old battery:

- 1) Disconnect the battery charger.
- 2) Turn the power switch OFF.
- 3) Remove the external battery door screw with a #2 screwdriver
- 4) Remove the internal battery latch screw with a #2 screwdriver.
- 5) Slide the old battery out halfway.
- 6) Remove the positive (+) and negative (-) wires from the old battery.
- 7) Fully remove the old battery.

To install the new battery:

- 1) Insert the new battery halfway, with the two terminals facing towards the battery door.
- 2) Attach the positive (+) and negative (-) wires to the new battery.
- 3) Fully insert the new battery.
- 4) Replace the internal battery latch screw with a #2 screwdriver
- 5) Replace the external battery door screw with a #2 screwdriver.
- 6) You may now use the product for normal operation.



If you feel any resistance when re-installing the new battery, STOP. Do not force the new battery into position. You may damage the battery, which may cause a hazardous condition.

Mounting

Orientation

The Satellite™ must be mounted in an upright position with adequate room for ventilation around it.

Rigging

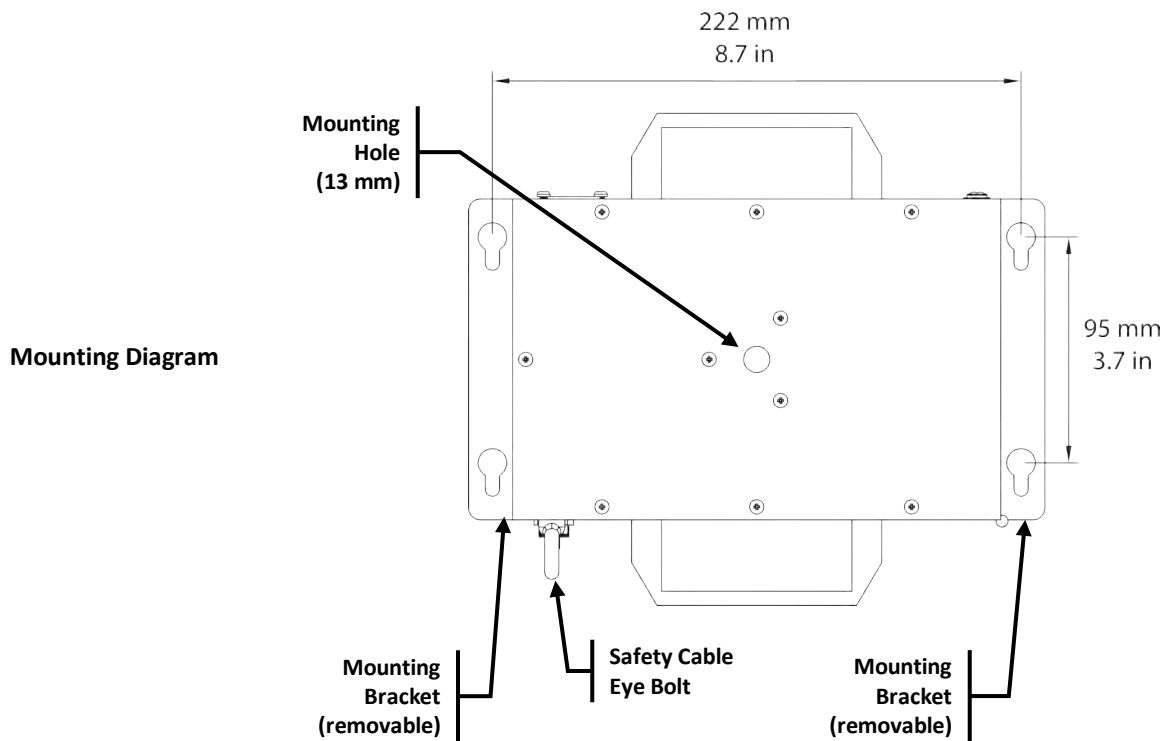
Be sure that the structure or surface onto which you are mounting this product can support its weight. Please see the “Technical Specifications” section of this manual for weight information.

Make sure to mount the fixture securely to a rigging point, whether an elevated platform or a truss.

When rigging this product onto a truss, you should use a mounting clamp of appropriate weight capacity. The unit has a 13 mm hole for this purpose.

When mounting this product overhead, always use a safety cable.

Before deciding on a location for this product, always make sure that it will be easy to access the unit for maintenance.



4. TECHNICAL INFORMATION

General Maintenance

Dust build up reduces performance and can cause overheating. To maintain optimum performance, you should clean your fixtures at least twice a month. However, be aware that usage and environmental conditions could be contributing factors to increase the cleaning frequency.

To clean this fixture, follow the instructions below:

- Unplug the fixture from power.
- Wait until the fixture is cold.
- Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external surface.
- Use a mild cleaner (soapy water solution or glass cleaner) to remove any deposited grease or grime.
- Apply the solution directly to a soft, lint free cotton cloth or a lens cleaning tissue.
- Softly drag any dirt or grime to the edges of the surface and remove.



Always dry the surfaces carefully after cleaning them.

General Troubleshooting

Symptom	Possible Cause	Possible Action
Circuit breaker or fuse keeps blowing	• Excessive load on the circuit	• Make sure that the total load does not exceed 80% of the breaker or fuse nominal current
	• Short circuit along the power lines	• Check the power lines and power cords
Battery chargers does not power up	• No energy on power outlet	• Check power outlet • Change to another outlet
	• Loose or damaged power cord	• Check the power cord
	• Blown fuse	• Replace blown fuse with a good one of the same type and rating
	• Internal problem	• Send product for repair
Battery does not receive or retain charge	• Battery charger not working	• Check battery charger
	• Damaged battery	• Replace battery
	• Not enough time for the battery to recharge	• Allow enough time for the battery to recharge



If you still experience problems after trying the above solutions, contact CHAUVET® Technical Support.

Returns Procedure

The user must send the merchandise prepaid, in the original box, and with its original packing and accessories. CHAUVET® will not issue call tags.

Call CHAUVET® and request a Return Merchandise Authorization Number (RMA #) before shipping the fixture. Be prepared to provide the model number, serial number, and a brief description of the cause for the return.

The user must clearly label the package with a Return Merchandise Authorization Number (RMA #). CHAUVET® will refuse any product returned without an RMA #.



DO NOT write the RMA # directly on the box. Instead, write it on a properly affixed label.

Once you have received the RMA #, please include the following information on a piece of paper inside the box:

- Your name
- Your address
- Your phone number
- The RMA #
- A brief description of the problem

Be sure to pack the fixture properly. Any shipping damage resulting from inadequate packaging will be the customer's responsibility. As a suggestion, proper UPS packing or double-boxing is always a safe method to use.



CHAUVET® reserves the right to use its own discretion to repair or replace returned product(s).

Claims

The carrier is responsible for any damage incurred during shipping to this product or any part that shipped with it. Therefore, if the received merchandise appears to have damages caused during shipping, the customer must submit the damage report and any related claims with the carrier, not CHAUVET®. The customer must submit the report upon reception of the damaged merchandise. Failure to do so in a timely manner may invalidate the customer's claim with the carrier.

For other issues such as missing components or parts, damage not related to shipping, or concealed damage, the customer must make claims to CHAUVET® within seven (7) days of receiving the merchandise.

Contact Information

World Headquarters

CHAUVET®

General Information

Address: 5200 NW 108th Avenue
Sunrise, FL 33351
Voice: (954) 929-1115
Fax: (954) 929-5560
Toll free: (800) 762-1084

Technical Support

Voice: (954) 929-1115 (Press 4)
Fax: (954) 756-8015

World Wide Web

www.chauvetlighting.com

United Kingdom & Ireland

CHAUVET® Europe Ltd.

General Information

Address: Unit 1C
Brookhill Road Industrial Estate
Pinxton, Nottingham, UK
NG16 6NT
Voice: +44 (0)1773 511115
Fax: +44 (0)1773 511110
Email: uktech@chauvetlighting.com

World Wide Web

www.chauvetlighting.co.uk

5. TECHNICAL SPECIFICATIONS

Dimensions and Weight

Length	Width	Height	Weight
9.5 in (241 mm)	8.5 in (216 mm)	5.5 in (140 mm)	10.1 lbs (4.6 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

Power

Power Supply Type	Input Voltage Range	Voltage Selection
Supplied Battery Charger	100~240 V, 50/60 Hz	Auto-ranging

Charger Output Voltage	Charger Output Current
12 VDC	2,000 mA

Battery Type	Rating
Sealed Lead Acid (SLA)	12 V/ 7 Ah

Thermal

Maximum External Temp.	Cooling
104° F (40° C)	Convection

Ordering

Satellite	Warranty
SATELLITE	1 year limited