

# Slim**STRIP** UV-18 IRC

## User Manual



  
**CHAUVET®**

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# 1. BEFORE YOU BEGIN

## What Is Included

- SlimSTRIP UV-18 IRC
- 2 L-Brackets
- Power Cord
- Warranty Card
- Quick Reference Guide

## Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

## Claims

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

## Text Conventions

Convention	Meaning
1—512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
Menu > Settings	A sequence of menu options to be followed
<ENTER>	A key to be pressed on the product's control panel
ON	A value to be entered or selected

## Symbols

Symbol	Meaning
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.

## Disclaimer

Chauvet believes that the information contained in this manual is accurate in all respects. However, Chauvet assumes no responsibility and specifically disclaims any and all liability to any party for any loss, damage or disruption caused by any errors or omissions in this document, whether such errors or omissions result from negligence, accident or any other cause. Chauvet reserves the right to revise the content of this document without any obligation to notify any person or company of such revision, however, Chauvet has no obligation to make, and does not commit to make, any such revisions. Download the latest version from [www.chauvetlighting.com](http://www.chauvetlighting.com).

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## Product at a Glance

Use on Dimmer	X	Auto Programs	P
Outdoor Use	X	Auto-ranging Power Supply	P
Sound-Active	P	Replaceable Fuse	P
DMX	P	User-Serviceable	X
Master/Slave	P		

## Safety Notes

Please read the following Safety Notes carefully before working with the product. The Notes include important safety information about installation, usage, and maintenance.



- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Always disconnect the product from the power source before cleaning or replacing the fuse.
- Avoid direct eye exposure to the light source while the product is on.
- Make sure the power cord is not crimped or damaged.
- Never disconnect the product from power cord by pulling or tugging on the cord.
- If mounting the product overhead, always secure to a fastening device using a safety cable.
- Make sure there are no flammable materials close to the product when operating.
- Do not touch the product's housing when operating because it may be very hot.



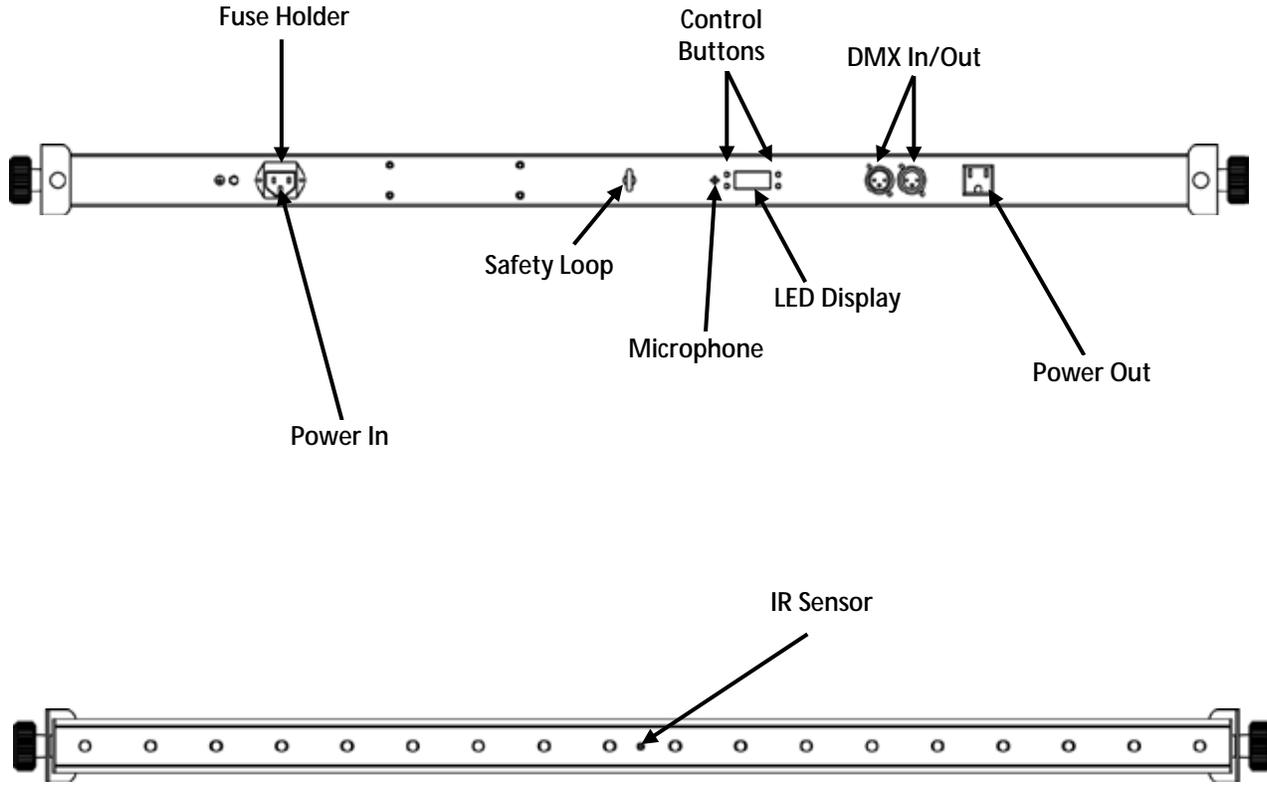
- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.
- The product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose the product to rain or moisture.
- Always install the product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the product's housing are blocked.
- Never connect the product to a dimmer.
- Make sure to replace the fuse with another of the same type and rating.
- Never carry the product from the power cord or any moving part. Always use the hanging/mounting bracket.
- The maximum ambient temperature (Ta) is 104 °F (40 °C). Do not operate the product at higher temperatures.
- In the event of a serious operating problem, stop using the product immediately.
- Never try to repair the product. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.



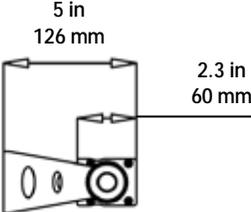
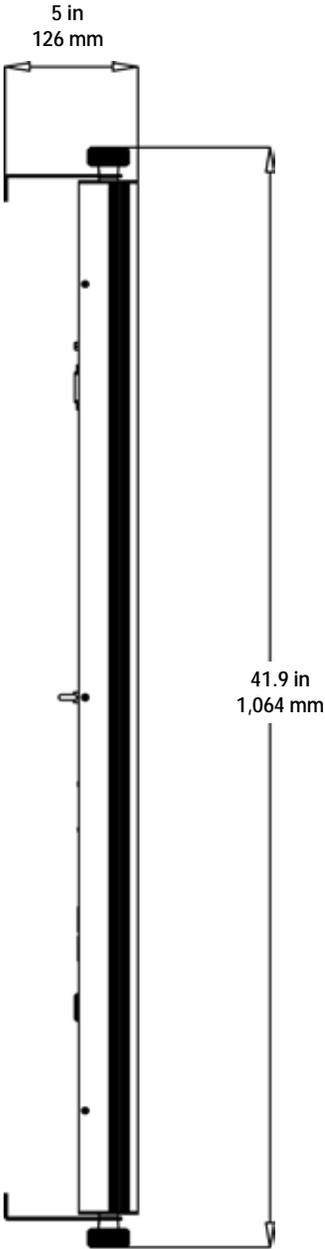
- Keep this User Manual for future use. If you sell the product to someone else, be sure that they also receive this document.

# 2. INTRODUCTION

## Product Overview



# Product Dimensions



### 3. SETUP

#### AC Power

The SlimSTRIP UV-18 IRC has an auto-ranging power supply and it can work with an input voltage range of 100 to 240 VAC, 50/60 Hz. To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.



**Always connect the product to a protected circuit (circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**



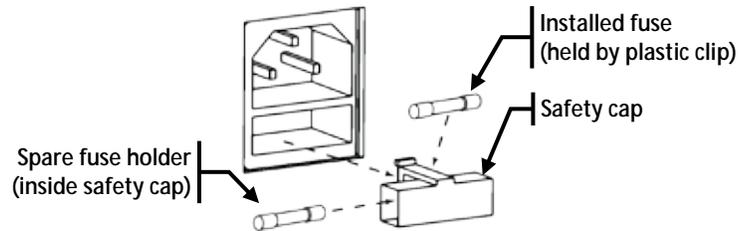
**Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.**



**Disconnect the product from the power outlet before replacing the fuse.**

#### Fuse Replacement

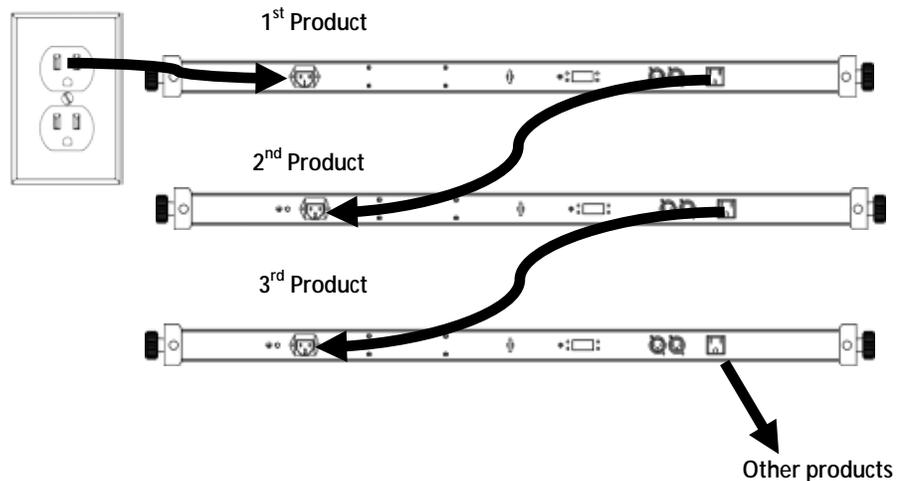
1. Wedge the tip of a flat-head screwdriver into the slot of the fuse holder.
2. Pry the fuse holder out of the housing.
3. Remove the blown fuse from the holder and replace with a fuse of the exact same type and rating.
4. Insert the fuse holder back in place and reconnect power.



#### Power Linking

The product provides power linking via the Edison outlet located in the back of the unit. Please see the diagram below for further explanation.

#### Power Linking Diagram



**You can power link up to 17 SlimSTRIP UV-18 IRC units on 120 VAC or up to 34 SlimSTRIP UV-18 IRC units on 230 VAC.**



**The power linking diagram corresponds to the North American version of the product ONLY! If using the product in other markets, consult with the local Chauvet distributor as power linking connectors and requirements may differ in your country or region.**

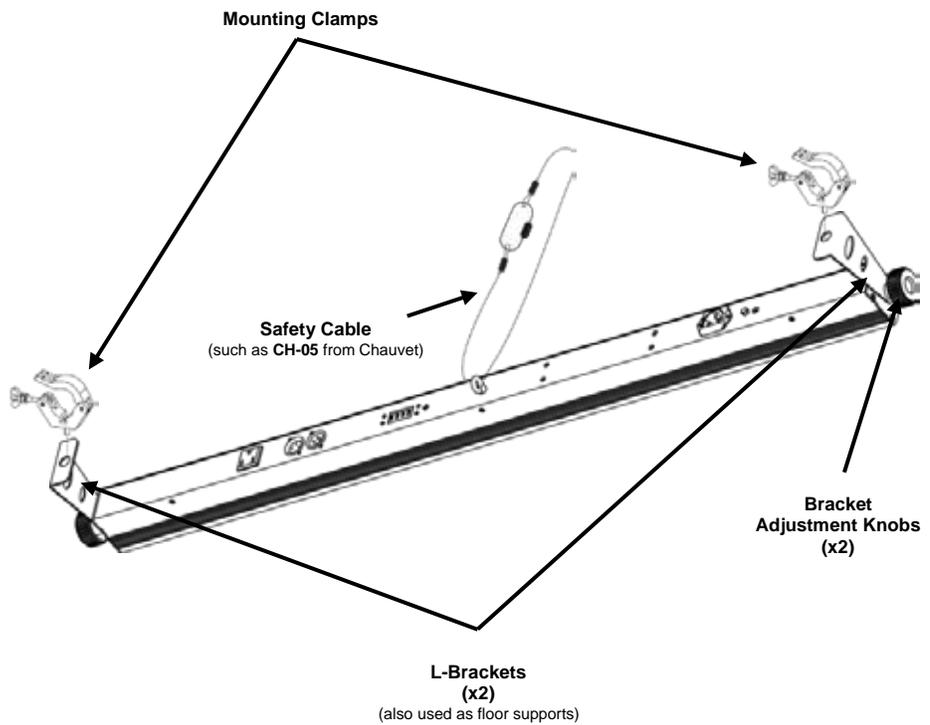
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**Mounting** Before mounting the product, read and follow the safety recommendations indicated in the [Safety Notes](#).

**Orientation** The SlimSTRIP UV-18 IRC may be mounted in any position; however, make sure adequate ventilation is provided around the product.

- Rigging**
- Before deciding on a location for the product, always make sure there is easy access to the product for maintenance and programming purposes.
  - Make sure that the structure onto which you are mounting the product can support the product's weight. See the [Technical Specifications](#) for weight information.
  - When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.
  - When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity.
  - When power linking multiple products, mount the products close enough for power linking cables to reach.
  - The bracket adjustment knobs allow for directional adjustment when aiming the product to the desired angle. Only loosen or tighten the bracket knobs manually. Using tools could damage the knobs.

**Mounting Diagram**



## 4. OPERATION

### Control Panel Operation

To access the control panel functions, use the four buttons located underneath the display. Please refer to the [Product Overview](#) to see the button locations on the control panel.

Button	Function
<MENU>	Press to find an operation mode or to back out of the current menu option
<UP>	Press to scroll up the list of options or to find a higher value
<DOWN>	Press to scroll down the list of options or to find a lower value
<ENTER>	Press to activate a menu option or a selected value

### Menu Map

Mode	Programming Steps	Description
DMX Personality and Starting Address	3-CH	d 0-d512
Custom	U--	d 0-d255
		S 0-S255
Sound-Active	Snd	
Sound Sensitivity	SenS	u 0-u100
Infrared	SET	On
		OFF

### DMX Linking

The SlimSTRIP UV-18 IRC works with a DMX controller. Information about DMX is in the CHAUVET® DMX Primer, which is available from the Chauvet website: [http://www.chauvetlighting.com/downloads/DMX\\_Primer\\_rev05\\_WO.pdf](http://www.chauvetlighting.com/downloads/DMX_Primer_rev05_WO.pdf)

### Configuration (DMX)

Set the product in DMX mode to control with a DMX controller.

1. Connect the product to a suitable power outlet.
2. Connect a DMX cable from the DMX output of the DMX controller to the DMX input socket on the product.

### Starting Address

When selecting a starting DMX address, always consider the number of DMX channels the selected DMX mode uses. If you choose a starting address that is too high, you could restrict the access to some of the product's channels.

The SlimSTRIP UV-18 IRC uses up to 3 DMX channels, which defines the highest configurable address to **510**.

If you are not familiar with the DMX protocol, download the DMX Primer from [www.chauvetlighting.com](http://www.chauvetlighting.com).

To select the starting address, do the following:

1. Press <MENU> repeatedly until **3-CH** shows on the display.
2. Press <ENTER> and **d 0-d512** will show on the display.
3. Use <UP> or <DOWN> to select the starting address.
4. Press <ENTER>.

## DMX Channel Assignments and Values

3-CH	Channel	Function	Value	Setting
1	Strobe	000 0 001	Open	
		002 0 255	Strobe, slow to fast	
2	Dimmer	000 0 255	0-100%	
3	Sound-Active	000 0 010	No function	
		011 0 255	Sound-Active	

## Configuration (Standalone)

Set the product in one of the standalone modes to control without a DMX controller.

- Connect the product to a suitable power outlet.



**Never connect a product that is operating in any standalone mode to a DMX string connected to a DMX controller. Products in standalone mode may transmit DMX signals that could interfere with the DMX signals from the controller.**

## Custom Mode

To create your own effect in the custom mode, follow the instructions below:

1. Press **<MENU>** repeatedly until **U--** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select either
  - **d 0-d255** for custom UV output (0–100%), or
  - **S 0-S255** for custom strobe speed (0–33 Hz)
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to increase or decrease.
6. Press **<ENTER>**.

## Sound-Active Mode

To enable the Sound-Active mode, do the following:

1. Press **<MENU>** repeatedly until **Snd** shows on the display.
2. Press **<ENTER>**.

## Adjusting Sound Sensitivity

To adjust the sensitivity of the Sound-Active mode, do the following:

1. Press **<MENU>** repeatedly until **Sens** shows on the display.
2. Press **<ENTER>** and **u 0-u100** will show on the display.
3. Turn the music on and adjust the sound sensitivity using the **<UP>** and **<DOWN>** buttons until the product starts responding to the beat of the music.
4. Press **<ENTER>**.

## Turning Infrared On/Off

To enable the Infrared option, do the following:

1. Press **<MENU>** repeatedly until **SET** shows on the display.
2. Press **<ENTER>**.
3. Use the **<UP>** and **<DOWN>** to choose **On** or **OFF**.
4. Press **<ENTER>**.

## IRC-6 Operation



Be sure the IRC-6 remote is pointing directly at the product and there is nothing in between the remote and the product.

The following buttons function with this product:

- **<UV>** - adjusts the UV color of the LEDs
- **<SOUND>** - activated Sound-Active mode
- **<SENSITIVITY>** - adjusts sound sensitivity
- **<STROBE>** - controls strobing
- **<+>** - increases values for controls as described above
- **<->** - decreases values for controls as described above
- **<BLACKOUT>** - turns LEDs on/off
- All other buttons on the remote have no function with this product.

**The IRC-6 will not respond to any inputs when Black Out is activated. If the remote does not respond when a button is pressed, try pressing <BLACK OUT>. You may have inadvertently activated Black Out.**

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## Master/Slave Mode

The Master/Slave mode allows a single SlimSTRIP UV-18 IRC unit (the master) to control the actions of one or more SlimSTRIP UV-18 IRC units (the slaves) without the need of a DMX controller. The master unit will be set to operate in either Custom or Sound-Active mode, while the slave units will be set to operate in Slave mode. Once set and connected, the slave units will operate in unison with the master unit.

Configure the units as indicated below.

### Slave units:

1. Press **<MENU>** repeatedly until **3-CH** shows on the display.
2. Press **<ENTER>** and **d 0-d512** will show on the display.
3. Use **<UP>** or **<DOWN>** to select the starting address.
4. Set the DMX address to **001**.
5. Connect the DMX input of the first slave unit to the DMX output of the master unit.
6. Connect the DMX input of the subsequent slave units to the DMX output of the previous slave unit.
7. Finish setting and connecting all the slave units.

### Master unit:

8. Set the master unit to operate in either Custom or Sound-Active mode.
9. Make the master unit the first unit in the daisy chain.



- **Configure all the slave units before connecting the master to the daisy chain.**
- **Never connect a DMX controller to a DMX string configured for Master/Slave operation because the controller may interfere with the signals from the master.**
- **Do not connect more than 31 slaves to the master.**

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## 5. MAINTENANCE

### **Product Maintenance**

Dust build-up reduces light output performance and can cause overheating. This can lead to reduction of the light source's life and/or mechanical wear. To maintain optimum performance and minimize wear, clean your lighting products at least twice a month. However, be aware that usage and environmental conditions could be contributing factors to increase the cleaning frequency.

To clean the product, follow the instructions below:

1. Unplug the product from power.
2. Wait until the product is at room temperature.
3. Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external surface/vents.
4. Clean all transparent surfaces with a mild soap solution, ammonia-free glass cleaner, or isopropyl alcohol.
5. Apply the solution directly to a soft, lint free cotton cloth or a lens cleaning tissue.
6. Softly drag any dirt or grime to the outside of the transparent surface.
7. Gently polish the transparent surfaces until they are free of haze and lint.



**Always dry the transparent surfaces carefully after cleaning them.**

## 6. TECHNICAL SPECIFICATIONS

<b>Dimensions and Weight</b>	<b>Length</b>	<b>Height</b>	<b>Height w/ Bracket</b>	<b>Weight</b>
	41.9 in (1,065 mm)	2.3 in (60 mm)	5 in (126 mm)	5.2 lb (2.4 kg)
<b>Note:</b> Dimensions in inches rounded to the nearest decimal digit.				
<b>Power</b>	<b>Power Supply Type</b>	<b>Range</b>	<b>Voltage Selection</b>	
	Switching (internal)	100 to 240 V, 50/60 Hz	Auto-ranging	
	<b>Parameter</b>	<b>120 V, 60 Hz</b>	<b>230 V, 50 Hz</b>	
	Consumption	51 W	50 W	
	Operating Current	0.4 A	0.2 A	
<b>Power I/O</b>	<b>Power I/O</b>	<b>U.S./Worldwide</b>	<b>UK/Europe</b>	
	Power input connector	IEC	IEC	
	Power output connector	Edison	IEC	
	Power Cord plug	Edison (U.S.)	Local plug	
<b>Light Source</b>	<b>Type</b>	<b>Power</b>	<b>Lifespan</b>	
	LED	3 W	50,000 hours	
<b>Photometrics</b>	<b>Color</b>	<b>Quantity</b>	<b>Current</b>	
	UV	18	700 mA	
	<b>Parameter</b>			
<b>Thermal</b>	<b>Maximum External Temp.</b>	<b>Cooling System</b>		
	104 °F (40 °C)	Convection		
<b>DMX</b>	<b>I/O Connectors</b>	<b>Channel Range</b>		
	3-pin XLR	3		
<b>Ordering</b>	<b>Product Name</b>	<b>Item Code</b>	<b>UPC Number</b>	
	SlimSTRIP UV-18 IRC	03030811	781462211592	



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To return a product or request support:

- In the U.S., contact Chauvet World Headquarters (See [Contact Us](#)).
- In the UK or Ireland, contact Chauvet Europe Ltd. (See [Contact Us](#)).
- In Mexico, contact Chauvet Mexico. (See [Contact Us](#)).
- In any other country, DO NOT contact Chauvet. Instead, contact your lighting distributor. See [www.chauvetlighting.com](http://www.chauvetlighting.com) for distributors outside the U.S., UK, Mexico, or Ireland.



**Outside the U.S., UK, Mexico, or Ireland, contact your distributor and follow their instructions on how to return Chauvet products to them. Visit our website for contact details.**

## Returns

Call the corresponding Chauvet Technical Support office and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause for the return.

You must send the merchandise prepaid, in its original box, and with its original packing and accessories. Chauvet will not issue call tags.

Clearly label the package with the RMA number. Chauvet will refuse any product returned without an RMA number.



**Write the RMA number on a properly affixed label. DO NOT write the RMA number directly on the box.**

Before sending the product, clearly write the following information on a piece of paper and place it inside the box:

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

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be your responsibility. FedEx packing or double-boxing are recommended.



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

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# CONTACT Us

## **WORLD HEADQUARTERS**

### **General Information**

Address: 5200 NW 108th Avenue  
Sunrise, FL 33351  
Voice: (954) 577-4455  
Fax: (954) 929-5560  
Toll free: (800) 762-1084

### **Technical Support**

Voice: (844) 393-7575  
Fax: (954) 756-8015  
Email: [Chauvetcs@chauvetlighting.com](mailto:Chauvetcs@chauvetlighting.com)

**World Wide Web** [www.chauvetlighting.com](http://www.chauvetlighting.com)

## **EUROPE**

### **General Information**

Address: Stokstraat 18  
9770 Kruishoutem  
Belgium  
Voice: +32 9 388 93 97

### **Technical Support**

Email: [Eutech@chauvetlighting.eu](mailto:Eutech@chauvetlighting.eu)

**World Wide Web** [www.chauvetlighting.eu](http://www.chauvetlighting.eu)

### **General Information**

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

### **Technical Support**

Email: [uktech@chauvetlighting.com](mailto:uktech@chauvetlighting.com)

**World Wide Web** [www.chauvetlighting.co.uk](http://www.chauvetlighting.co.uk)

## **MEXICO**

### **General Information**

Address: Av. de las Partidas 34-3B  
Zona Industrial Lerma  
Lerma, Mexico C.P. 52000  
Voice: +52 (728) 285-5000

### **Technical Support**

Email: [servicio@chauvet.com.mx](mailto:servicio@chauvet.com.mx)

**World Wide Web** [www.chauvet.com.mx](http://www.chauvet.com.mx)

Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., United Kingdom, Ireland, Mexico, or Benelux contact the dealer of record.