

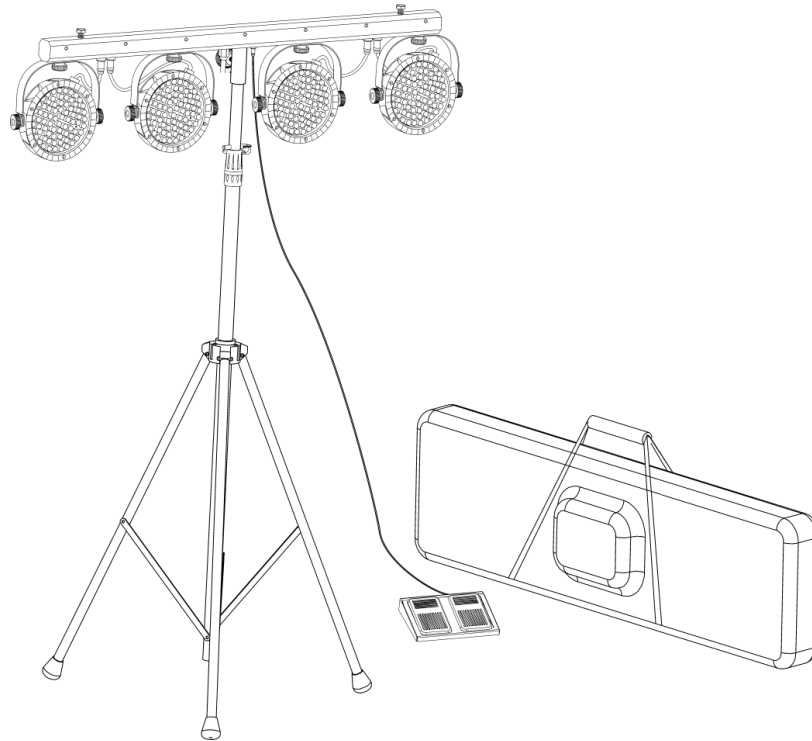
# MINI 4 BAR™

*It's Green Thinking*

## Snapshot

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

## User Manual



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# 1. BEFORE YOU BEGIN

## What is included

- 1 x Mini 4BAR™
- 1 x Mini 4BAR™ Carrying case
- 1 x Tripod Stand
- 1 x Tripod Stand Carrying Case
- 1 x Wired Footswitch (with 16ft cable)
- 1 x Warranty Card
- 1 x User Manual

## Unpacking Instructions

Immediately upon receiving a fixture, 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.




## Manual Conventions

CHAUVET® manuals use the following conventions to differentiate certain types of information from the regular text.

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
<b>Settings</b>	A menu option not to be modified (for example, showing the operating mode/current status)
<b>MENU &gt; Settings</b>	A sequence of menu options to be followed
<b>ON</b>	A value to be entered or selected

## Icons

This manual uses the following icons to indicate information that requires special attention on the part of the user.

ICONS	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.

# Safety Instructions



Please read these instructions carefully. It includes important information about the installation, usage and maintenance of this product.

- Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- 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 the decal or rear panel of the fixture.
- This product is intended for indoor use only! 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.
- The unit must be installed in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Always disconnect from power source before servicing or replacing fuse and be sure to replace with same fuse source.
- Secure fixture to fastening device using a safety chain.
- Maximum ambient temperature (Ta) is 104° F (40° C). Do not operate fixture at temperatures higher than this.
- In the event of a 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.
- Never connect the device to a dimmer pack.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Never carry the fixture directly from the cord. Always use the hanging/mounting bracket.
- Avoid direct eye exposure to the light source while it is on.

## 2. INTRODUCTION

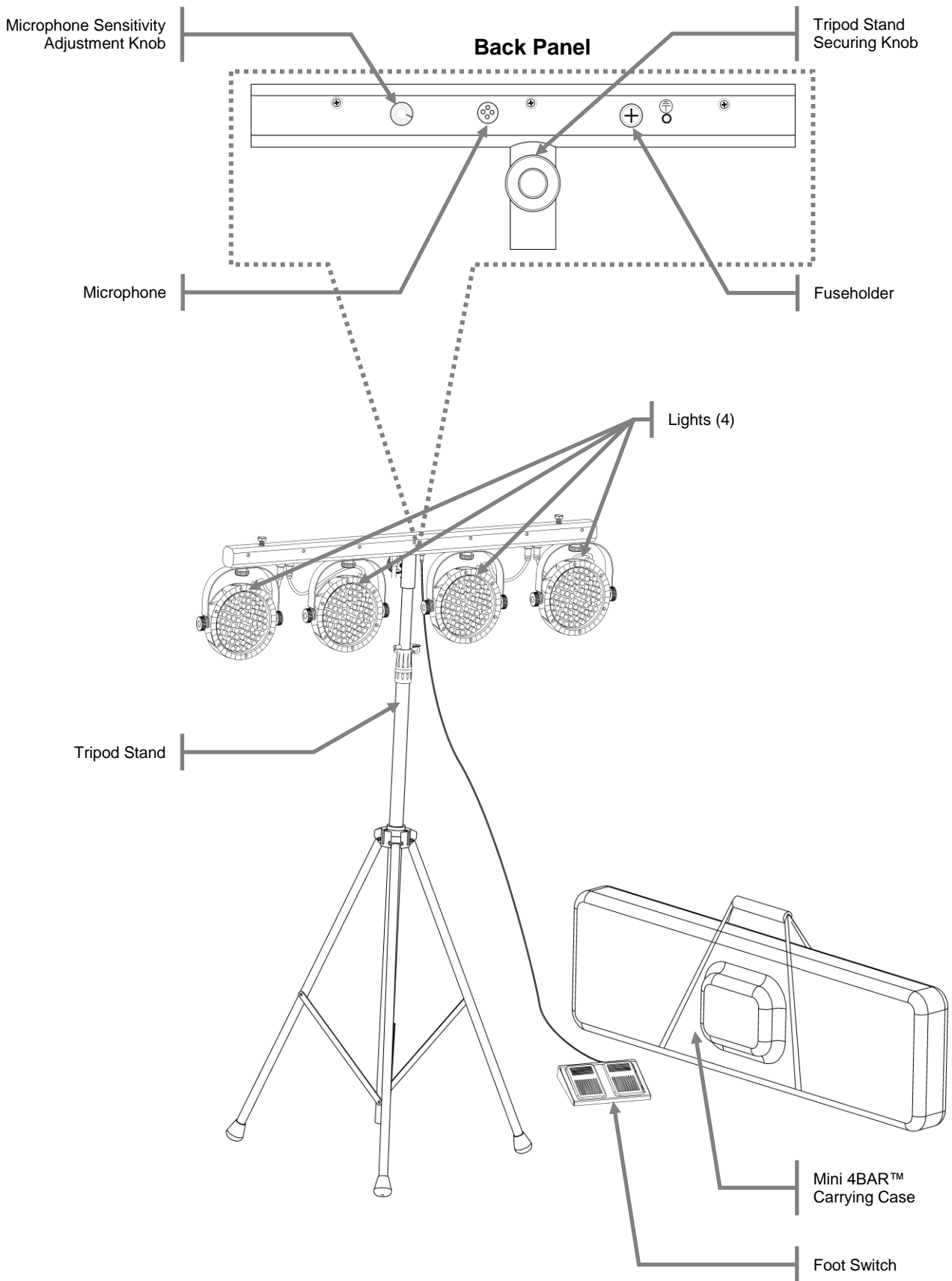
### Features

- Complete LED wash system
- Includes footswitch with 16 ft cable, tripod with bag and transport case for lights
- Safely mounts to truss with clamps
- Independent positioning of each light
- Low-profile lights are 1.2 in deep
- Adjustable stand from 54 in to 85 in
- Built-in automated programs
- Built-in sound activated programs

### Features (footswitch)

- Trigger built-in static or automated programs (includes RGB fades)
- Instantly triggers sound active mode
- Instantly blackout any program

# Product Overview



# 3. SETUP

## AC Power

This fixture runs on 100~240 VAC, 50/60 Hz. Before powering on the unit, make sure the line voltage to which you are connecting it is within the range of accepted voltages.



**Always connect the fixture 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.**

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 the fixture to a circuit with a suitable electrical ground.**



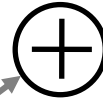
Disconnect the power cord before replacing a fuse and always replace with the same type fuse.



## Fuse Replacement

1. With a Philips #2 screwdriver unscrew the fuse holder out of its housing.
2. Remove the damaged fuse from its holder and replace with exact same type fuse.
3. Insert the fuse holder back in its place and reconnect power.

The fuse is located here



See the "Technical Specifications" section for the fuse size.

## Orientation

This fixture may be mounted on the included tripod stand, in any location, provided there is adequate room for ventilation.

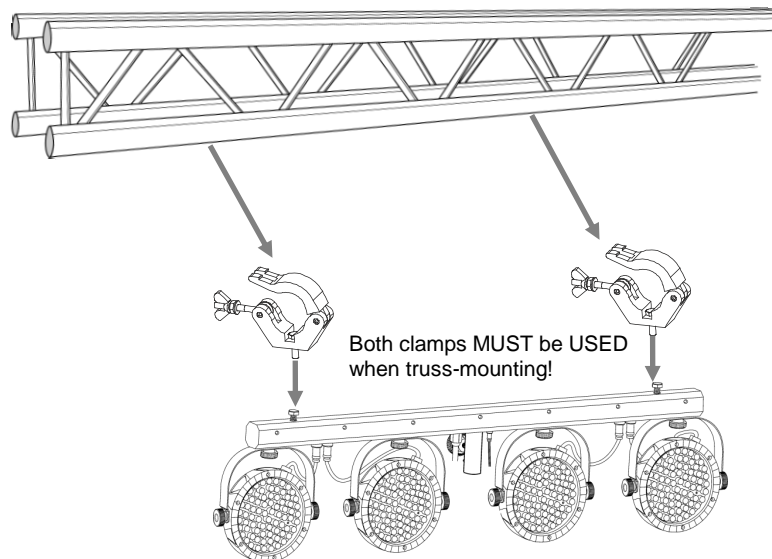
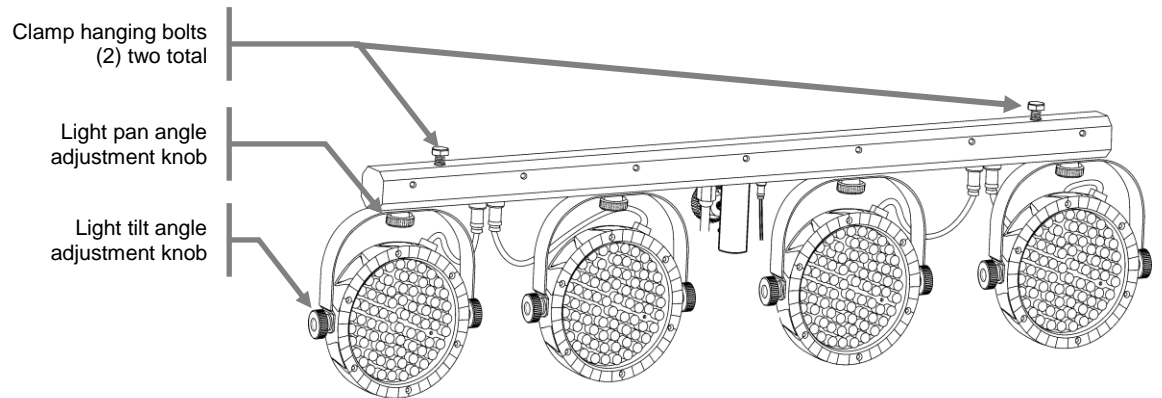
## Rigging

There are two methods of mounting this fixture.

- Using the included tripod stand
- Using a clamp on the two clamp hanging bolts

Adjust the angle of each of the four lights on the fixture by loosening both knobs and tilting the fixture. After finding the desired position, retighten both knobs.

- When selecting installation location, take into consideration access and routine maintenance.
- Never mount in places where the fixture will be exposed to rain, high humidity, extreme temperature changes or restricted ventilation.
- The clamps for hanging are sold separately.
- When using the clamp hanging bolts, **BOTH** of the two hanging positions **MUST** be used.

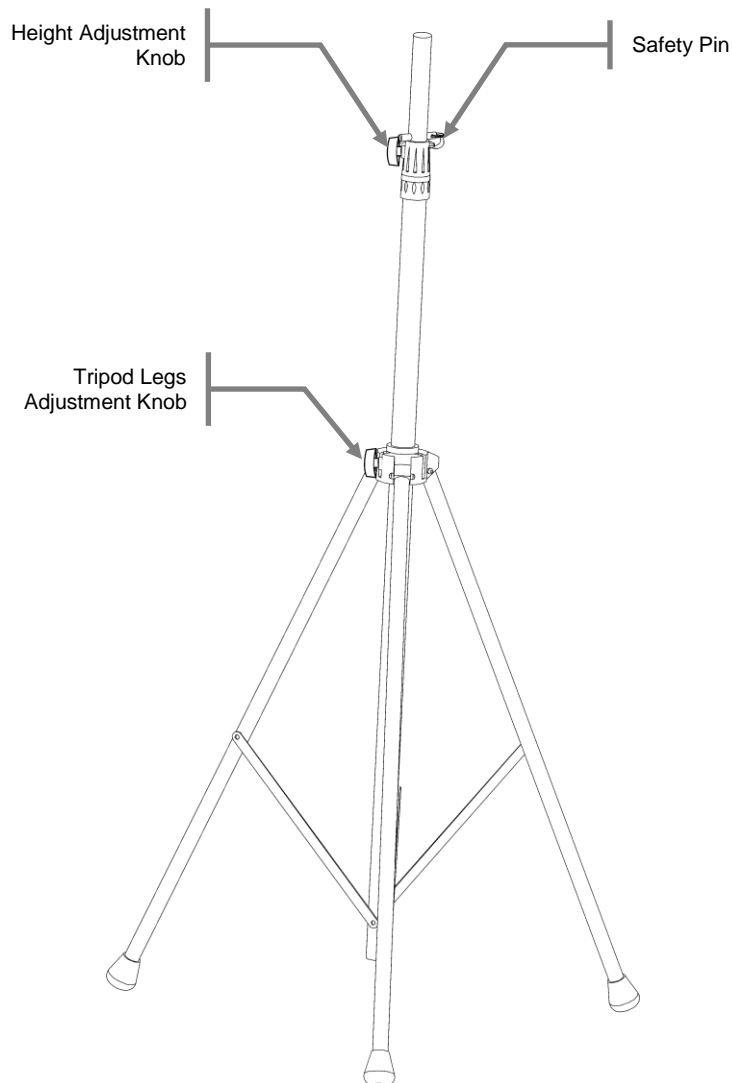




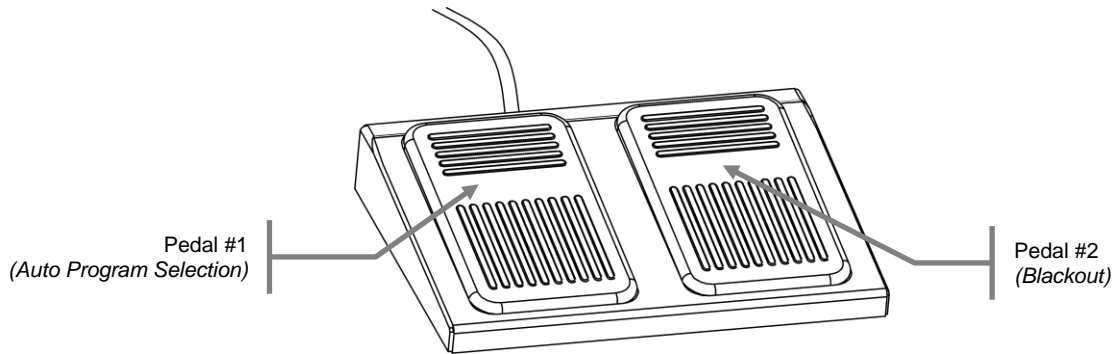
## Tripod Stand

This fixture may be mounted on the included tripod stand.

1. Setup the Tripod stand on a sturdy platform that is capable of holding at least 10 times the weight of the stand with Mini 4BAR™.
  2. Use the Tripod Legs Adjustment Knob to slide open the legs and set the tripod to a safe operating level.
  3. Adjust the stand height to the minimum operating height level using the Height Adjustment Knob and the safety pin. **The Safety Pin must be used.**
  4. Attach the Mini 4BAR™ to the tripod stand.
  5. Using the Tripod Stand Securing Knob, hand-tighten the Mini 4BAR to the stand.
  6. After confirming that the Safety Pin is removed, carefully and slowly loosen the Height Adjustment Knob to allow the height of the stand to be increased. The top of the stand may drop quickly, so be careful to control this and be aware of personal safety!
  7. Raise the stand to the desired height and hand-tighten the Height Adjustment Knob. Then, insert the Safety Pin to secure the height of the stand.
  8. Plug the fixture into power.
  9. Plug the 3-pin footswitch into the fixture for control.
- There is a safety pin included, which MUST be used. There are 6 positions that this stand may be set to, and 6 holes to attach the safety pin. After the 6<sup>th</sup> position, there will be a warning sign that says "STOP!" Do not move the stand height past this point!



# 4. OPERATING INSTRUCTIONS



## Footswitch operation

The included footswitch provides quick access to preset colors, color change programs, and sound triggering via the onboard microphone on the Mini 4BAR™. Please see the chart, along with the set of instructions, below for further explanation.

1. Power on the fixture.
2. Connect the footswitch to the Mini 4BAR™ via the 3-pin connection cable with plug.

### Auto

- Press pedal #1 to scroll through the auto programs and the static colors.

### Blackout

- Press pedal #2 to activate the Blackout function.

### Sound

- Press pedals #1 & #2 simultaneously to activate sound operation.

PEDAL	SUB-OPTION	FUNCTION
1 (PRESET)	1 x press	Auto program-color change
	2 x press	Auto program-color fade
	3 x press	Red
	4 x press	Green
	5 x press	Blue
	6 x press	Cyan
	7 x press	Magenta
	8 x press	Yellow
	9 x press	White
2 (BLACKOUT)	-	Blackout



*The fixture will start up in sound mode when first powered ON.*



*The fixture will cycle through the auto programs and static colors very rapidly if pedal #1 is held down. This will seem like a very fast auto program. When releasing the pedal, the fixture will stop on the program in the cycle.*



*After activating Blackout, pedal #2 will NOT release the blackout. Press pedal #1 to activate Auto mode, or press pedals #1 & 2 simultaneously to activate Sound mode.*

# 5. APPENDIX

## General 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.
- 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.

The cleaning of 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 surroundings can cause greater accumulation of dirt on the unit's optics. Clean with soft cloth using normal glass cleaning fluid. Clean the external optics at least every 20 days. Clean the fixture at least every 30/60 days.



***Always dry the parts carefully after cleaning them.***



***Never spin a fan using compressed air.***

# General Troubleshooting

SYMPTOM	POSSIBLE CAUSE(S)	POSSIBLE ACTION(S)
Blown Fuse/ Tripped Breaker	<ul style="list-style-type: none"> <li>• Short circuit along the power wires</li> <li>• Excessive circuit load</li> </ul>	<ul style="list-style-type: none"> <li>• Replace Fuse</li> <li>• Reset Breaker</li> </ul>
Device does not power up	<ul style="list-style-type: none"> <li>• No power</li> <li>• Loose power cord</li> <li>• Blown Fuse</li> <li>• Reset Breaker</li> </ul>	<ul style="list-style-type: none"> <li>• Check for power on power outlet</li> <li>• Check power cord</li> <li>• Replace Fuse</li> <li>• Reset Breaker</li> </ul>
Fixture is not responding to DMX	<ul style="list-style-type: none"> <li>• Wrong DMX addressing</li> <li>• Damaged DMX cables</li> <li>• Wrong polarity settings on the controller</li> <li>• Loose DMX cables</li> <li>• Faulty DMX interface</li> <li>• Faulty Main PCB</li> </ul>	<ul style="list-style-type: none"> <li>• Check Control Panel and unit addressing</li> <li>• Check DMX cables</li> <li>• Check polarity switch settings on the controller</li> <li>• Check cable connections</li> <li>• Replace DMX input</li> <li>• Replace Main PCB</li> </ul>
Loss of signal	<ul style="list-style-type: none"> <li>• Bouncing signals</li> <li>• Long cable / Low level signal</li> <li>• Interference from AC wires</li> </ul>	<ul style="list-style-type: none"> <li>• Install terminator as suggested</li> <li>• Install amplifier right after fixture with strong signal</li> <li>• Keep DMX cables separated from power cables or black lights</li> </ul>



*If you still have a problem after trying the above solutions, please contact CHAUVET® Technical Support.*

## Contact Us

### World Wide

**General Information** CHAUVET®  
3000 North 29<sup>th</sup> Court  
Hollywood, FL 33020  
voice: 954.929.1115  
fax: 954.929.5560  
toll free: 800.762.1084

**Technical Support** CHAUVET®  
3000 North 29<sup>th</sup> Court  
Hollywood, FL 33020  
voice: 954.929.1115 (**Press 4**)  
fax: 954.929.5560 (**Attention: Service**)

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

## 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 Merchandize Authorization Number (RMA #). Products returned without the RMA # will be refused. Call CHAUVET® and request an RMA # 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 pack fixture properly; any shipping damage resulting from inadequate packaging is 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 product(s).



***If you are given an RMA #, please include the following information on a piece of paper inside the box:***

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) The RMA #
- 5) A brief description of the symptoms

## 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.

# Technical Specifications

## WEIGHT & DIMENSIONS

Length.....3 in (76 mm)  
Width.....38 in (965 mm)  
Height (light fixture only, NOT mounted on the included stand) .....9 in (229 mm)  
Height (using the stand) ..... 54~85 in (1,372~2,159 mm)  
Weight (includes the light fixture, footswitch, and tripod stand)..... 16.9 lbs (7.7 kg)

## POWER

Auto-ranging power supply.....100~240 VAC, 50/60 Hz  
Power consumption @ 120 VAC, 60 Hz.....34 W (0.5 A) max, 0.2 A inrush  
Power consumption @ 230 VAC, 50 Hz.....34 W (0.3 A) max, 0.2 A inrush  
Fuse..... F 1 A, 250 V

## LIGHT SOURCE

LED..... 300 (75 per light) (100 red, 100 green, 100 blue) 100,000 hrs

## PHOTO OPTIC

Beam Angle ..... 16°  
Field Angle..... 26°  
Intensity ..... 1,160 lux

## THERMAL

Maximum ambient temperature..... 104° F (40° C)

## ORDERING INFORMATION

Mini 4BAR™ ..... MINI4BAR

## WARRANTY INFORMATION

Warranty ..... 1-year limited warranty