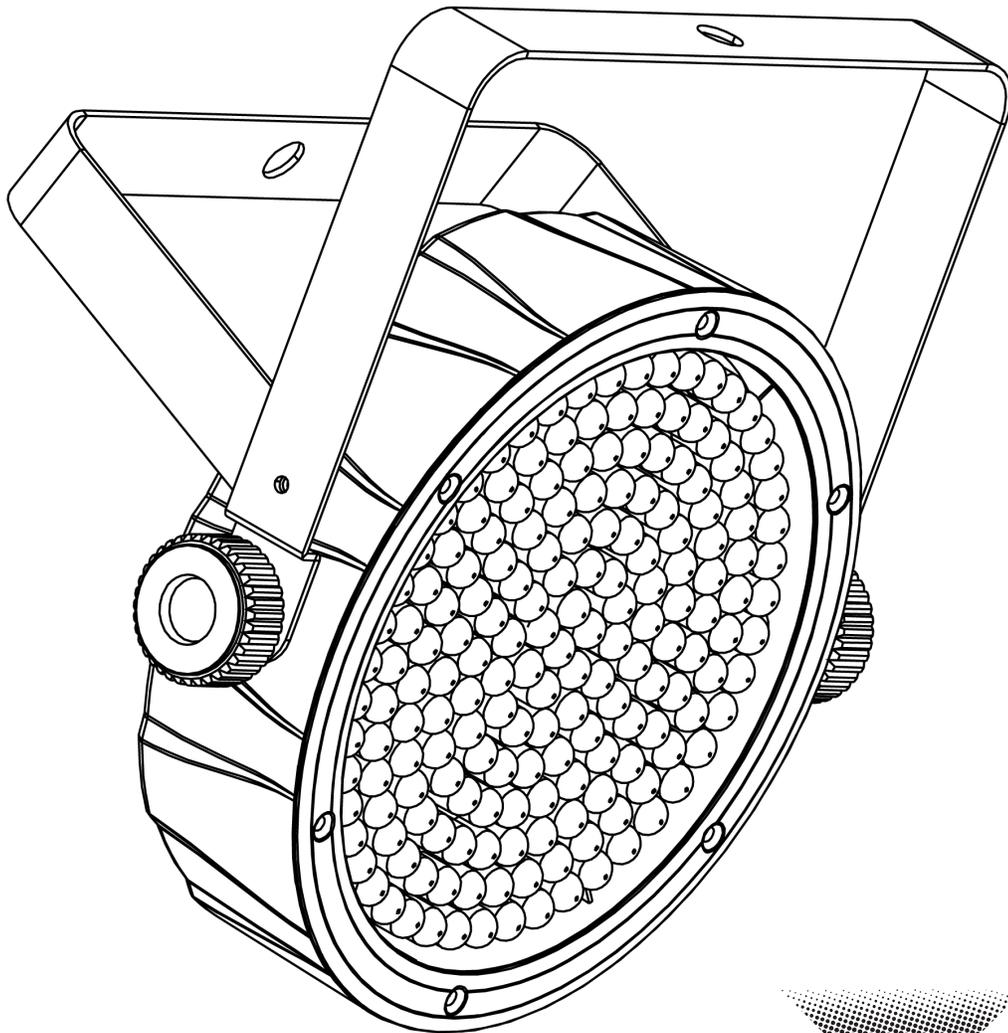


Slim**PAR**[™] 64 **RGBA**

User Manual



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

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1. BEFORE YOU BEGIN

What Is Included

- SlimPAR™ 64 RGBA
- 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

The information and specifications contained in this User Manual are subject to change without notice. CHAUVET® assumes no responsibility or liability for any errors or omissions, and reserves the right to revise or recreate this manual at any time. Download the latest version from www.chauvetlighting.com.

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Author	Date	Editor	Date
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Product at a Glance

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

Safety Notes

These notes include important information about the mounting, usage, and maintenance of this product; read before using the product.



- 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 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.



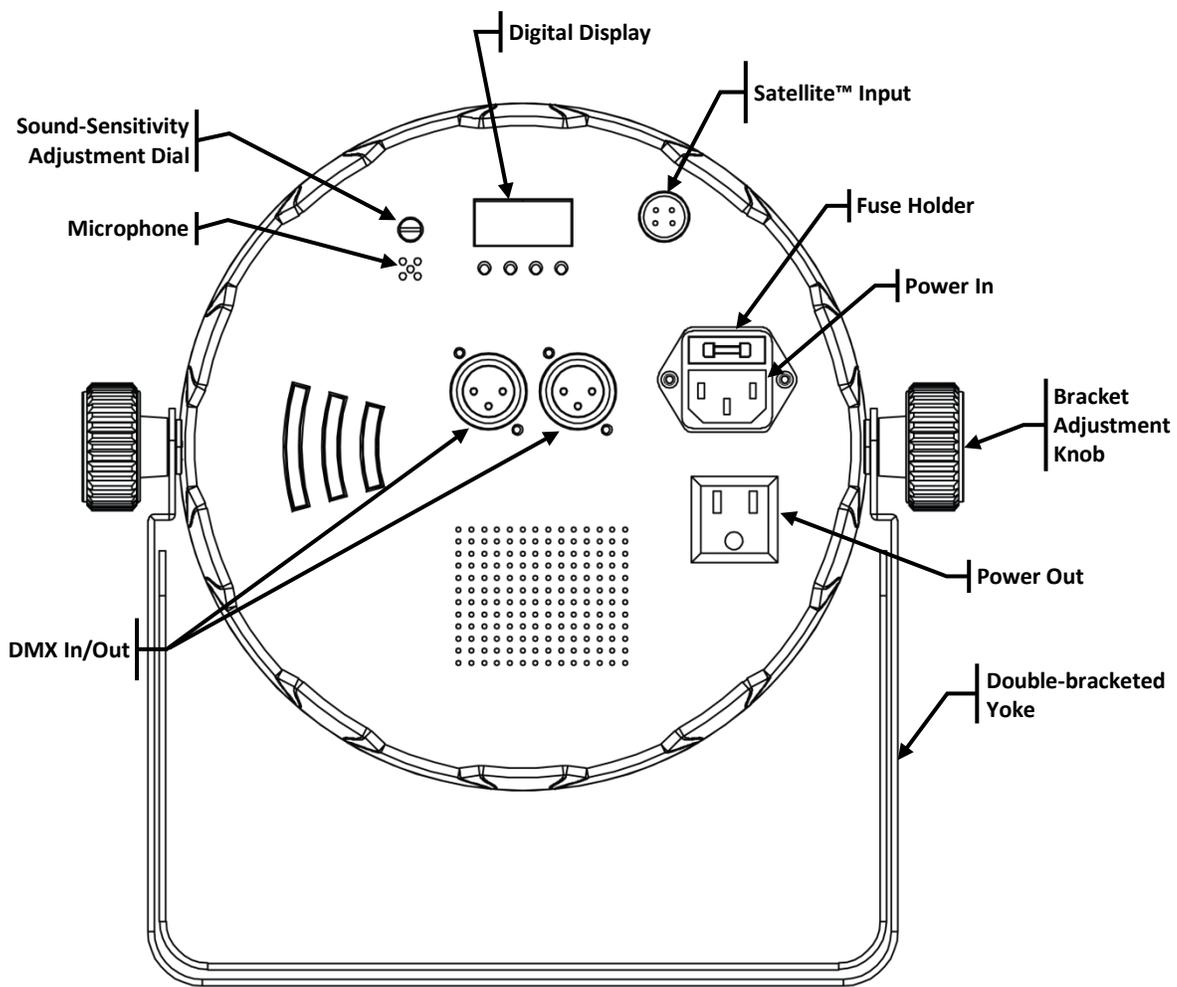
- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.
- The product is for indoor use only! To prevent risk of fire or shock, do not expose the product to rain or moisture.
- Always install the product 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 (T_a) 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. Contact the nearest authorized technical assistance center.
- This product is not intended for permanent installation.



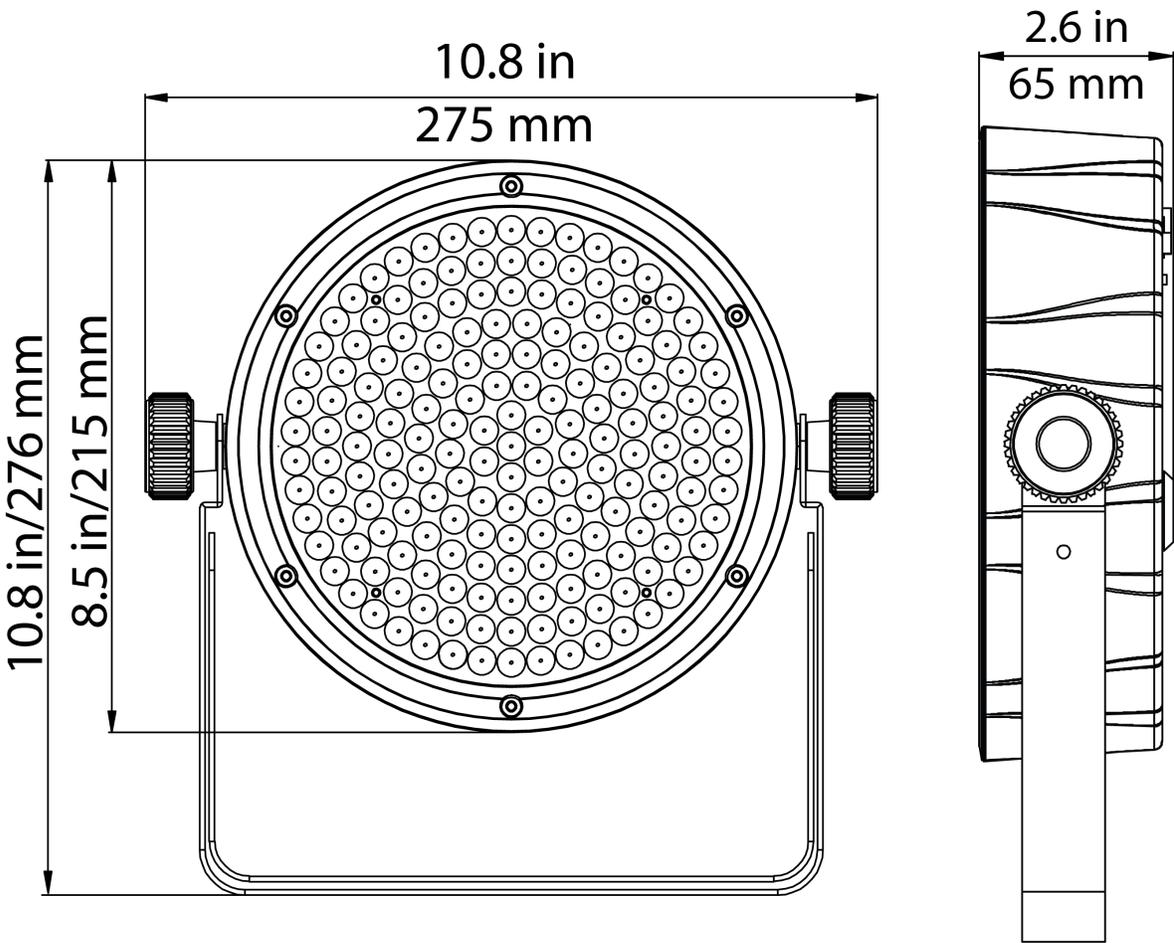
- Keep this User Manual for future use. If you sell the product to another user, be sure to give this document to the next owner.

2. INTRODUCTION

Overview



Dimensions



3. SETUP

AC Power The SlimPAR™ 64 RGBA 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 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.



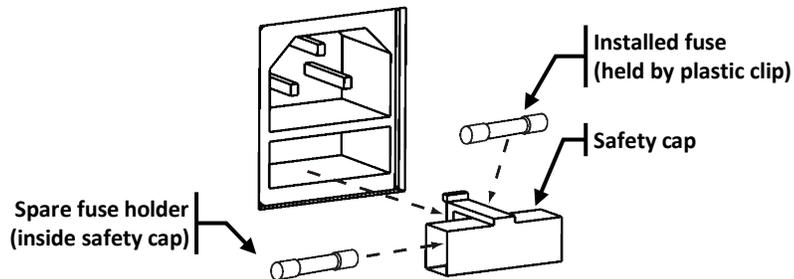
Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0~100% switch.

Fuse Replacement



Disconnect the product from power before replacing the fuse.

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

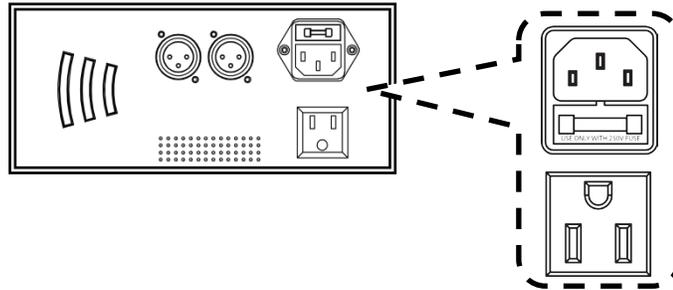


A spare fuse is not included; however, the safety cap has room for a spare.

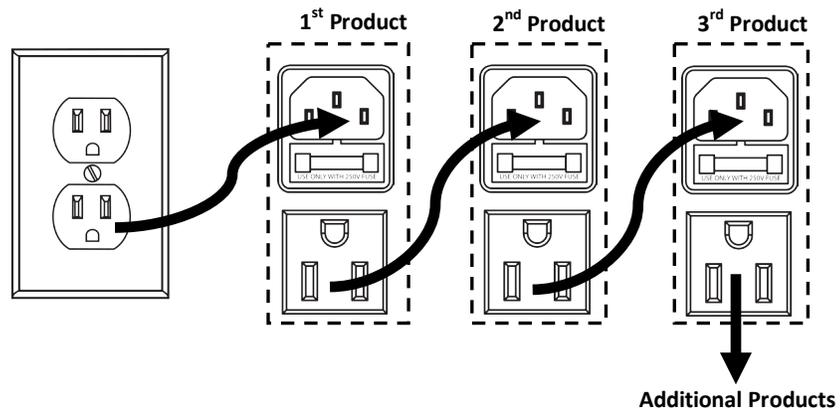


Always replace a blown fuse with the same type and rating.

Power Linking The product provides power linking via the Edison outlet located in the back of the unit.



Power Linking Diagram



You can power link up to 40 SlimPAR™ 64 RGBA units on 120 VAC or up to 60 SlimPAR™ 64 RGBA units on 230 VAC.

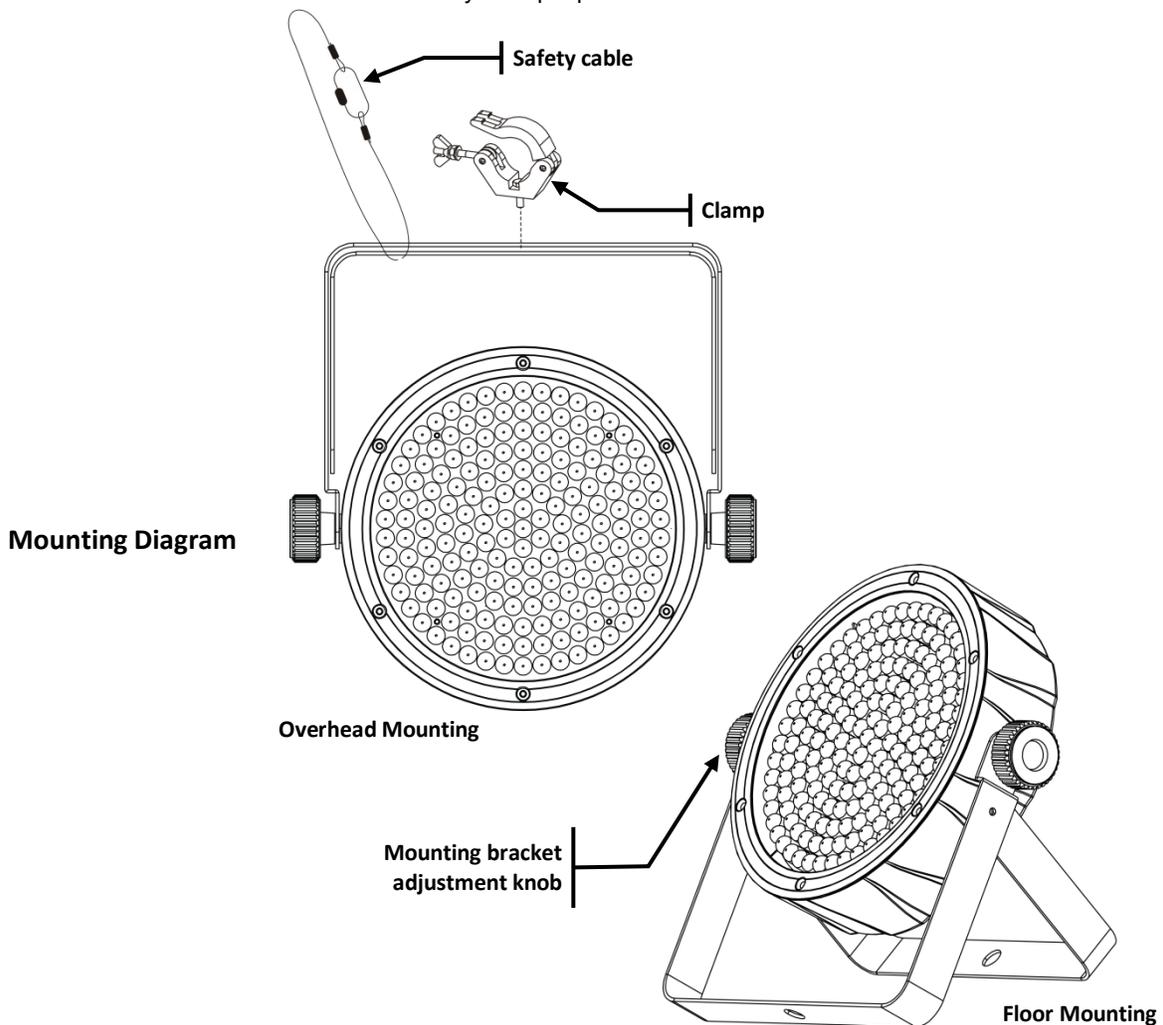


The power linking diagram shown above corresponds to the North American version of the product **ONLY!** If using the product in other markets, you must consult with the local CHAUVET® distributor as power linking connectors and requirements may differ in your country or region.

Mounting Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes.

Orientation The SlimPAR™ 64 RGBA may be mounted in any position; however, make sure adequate ventilation is provided around the product.

- Rigging**
- Before deciding on a location, always make sure there is easy access to the product for maintenance and programming.
 - Make sure that the structure or surface onto which you are mounting the product can support the product's weight (see the [Technical Specifications](#)).
 - When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, such as an elevated platform or a truss.
 - When rigging the product onto a truss, you should use a mounting clamp of appropriate weight capacity.
 - When power linking multiple products, consider the length of the power linking cable and mount the products close enough for the cable 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.
 - The double-bracketed yoke also serves as a floor supports or allow for surface mounting. When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.



4. OPERATION

Control Panel Operation To access the control panel functions, use the four buttons located underneath the display.

Button	Function
<MENU>	Selects an operation mode or to backs out of the current menu option
<UP>	Scrolls up the list of options or selects a higher value
<DOWN>	Scrolls down the list of options or selects a lower value
<ENTER>	Activates a menu option or a selected value

Menu Map

Mode	Programming Steps		Description
P--	P1		4-Color Automatic Program (switching)
	P2		4-Color Automatic Program (fading)
	P3		15-Color Automatic Program (switching)
	P4		15-Color Automatic Program (fading)
	P5		4-Color Sound-Activated Program
	P6		15-Color Sound-Activated Program
4-CH	d 1~d505		4-Channel DMX mode (RGBA)
8-CH			8-Channel DMX mode
C--	C1	Red	Static Color
	C2	Green	
	C3	Blue	
	C4	Amber	
	C5	Cyan	
	C6	Purple	
	C7	Light Green	
	C8	Light Blue	
	C9	Orange	
	C10	Light Green	
	C11	Violet	
	C12	Yellow	
	C13	Pink	
	C14	Light Blue	
	C15	White	
S--	S001~S100		Program speed for P1~P4
U--	r--	Red (r001~100)	Custom static colors Combines red, green, blue, and amber
	g--	Green (g001~100)	
	B--	Blue (b001~100)	
	A--	Amber (a001~100)	

Configuration (DMX)

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

1. Connect the product to a suitable power outlet.
2. Turn the product on.
3. 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 SlimPAR™ 64 RGBA uses up to 8 DMX channels in its 8-channel DMX mode, which defines the highest configurable address to **505**.

If unfamiliar with DMX or DIP switches, download the DMX Primer from www.chauvetlighting.com.

To select the starting address, do the following:

1. Press **<MENU>** repeatedly until **4-CH** or **8-CH** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the starting address (**d 1~d505**).
4. Press **<ENTER>**.

DMX Channel Modes, Assignments, and Values

8-CH	Channel	Function	Value	Percent/Setting
	1	Red	000 ⇔ 255	0~100%
	2	Green	000 ⇔ 255	0~100%
	3	Blue	000 ⇔ 255	0~100%
	4	Amber	000 ⇔ 255	0~100%
	5	Color Macros (Overrides Chs. 1~4)	000 ⇔ 015 016 ⇔ 255	No function Color Macros
	6	Speed (When Ch. 7 is 032~223)	000 ⇔ 255	Slow~fast
		Strobe	001 ⇔ 015 016 ⇔ 255	No function Slow~fast
	7	Mode	000 ⇔ 031	RGBA mode
			032 ⇔ 063	Pulse effect 0~100%
			064 ⇔ 095	Pulse effect 100%~0
			096 ⇔ 127	Pulse effect 100%~0~100%
			128 ⇔ 159	Auto fade transition
			160 ⇔ 191	Auto snap transition (4 colors)
			192 ⇔ 223	Auto snap transition (15 colors)
	224 ⇔ 255	Sound-active mode		
	8	Dimmer	000 ⇔ 255	0~100%
4-CH	Channel	Function	Value	Percent/Setting
	1	Red	000 ⇔ 255	0~100%
	2	Green	000 ⇔ 255	0~100%
	3	Blue	000 ⇔ 255	0~100%
	4	Amber	000 ⇔ 255	0~100%

Configuration (Standalone)

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

1. Connect the product to a suitable power outlet.
2. Turn the product on.



Never connect a product that is operating in any standalone mode (either Static, Automatic, or Sound) 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.

Sound-Active Mode

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

1. Press **<MENU>** repeatedly until **P--** shows on the display.
2. Use **<UP>** and **<DOWN>** to select **P 5** or **P 6**.
3. Press **<ENTER>**.
4. Turn the music on and adjust the microphone sensitivity knob until the product starts responding to the beat of the music.



The product will only respond to low frequencies of music (bass and drums).

Automatic Mode

To enable the Automatic mode, follow the instructions below:

1. Press **<MENU>** repeatedly until **P--** shows on the display.
2. Use **<UP>** and **<DOWN>** to select **P 1~P 4**.
3. Press **<ENTER>**.

Master/Slave Mode

The Master/Slave mode allows a single SlimPAR™ 64 RGBA (the “master”) to control the actions of one or more SlimPAR™ 64 RGBA (the “slaves”) without the need of a DMX controller. The master unit will be set to operate in either Automatic 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 products:

1. Press **<MENU>** repeatedly until **4-CH** or **8-CH** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select starting address **d 1**.
4. Press **<ENTER>**.
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 products:

1. Set the master unit to operate in either Automatic or Sound-Active mode.
2. Make the master unit the first unit in the DMX daisy chain.

- **Configure all the slave units before connecting the master unit to the DMX 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 unit.**
- **Do not connect more than 31 slave units to the master unit.**

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. To maintain optimum performance and minimize wear, clean the product at least twice a month. However, usage and environmental conditions contribute to increased cleaning frequency.

To clean the product, follow the instructions below:

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



Always dry transparent surfaces carefully after cleaning them.

6. TECHNICAL SPECIFICATIONS

Dimensions and Weight	Length	Width	Height	Weight
	10.8 in (276 mm)	2.6 in (66 mm)	10.8 in (275 mm)	2.8 lbs (1.3 kg)

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

Power	Power Supply Type	Range	Voltage Selection
	Switching (internal)	100~240 V, 50/60 Hz	Auto-ranging

Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	30 W	33 W
Current	0.3 A	0.2 A
Power linking current (units)	13.6 A (40 units)	13.6 A (60 units)
Fuse	1 A, 250 V	1 A, 250 V

Power I/O	U.S.
Power input/output connectors	IEC/Edison
Power Cord plug	Edison (U.S.)

Light Source	Type	Color	Quantity
	LED	Red	39
	LED	Green	39
	LED	Blue	51
	LED	Amber	51

Photo Optic	Parameter	
	Illuminance @ 2 m	1,325 lux
	Beam angle	14°
	Field angle	23°

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

DMX	I/O Connectors	Connector Type	Channel Range
	3-pin XLR	Sockets	4, 8

Ordering	Product Name	Item Code	UPC Number
	SlimPAR™ 64 RGBA	03030599	781462209476



UL 1573
CSA C22.2 No. 166
E113093



To return a product or request support:

- In the U.S., contact CHAUVET® World Headquarters (see below).
- In the UK or Ireland, contact CHAUVET® Europe Ltd. (see below).
- In any other country, DO NOT contact CHAUVET®. Contact your distributor. See www.chauvetlighting.com for distributors outside the U.S., United Kingdom, or Ireland.



If you live outside the U.S., United Kingdom, or Ireland, contact your distributor of record 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
- The 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).

Contact Us

World Headquarters

CHAUVET®

General Information

Address: 5200 NW 108th Avenue
Sunrise, FL 33351
Voice: (954) 577-4455
Fax: (954) 929-5560
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World Wide Web

www.chauvetlighting.com

United Kingdom & Ireland

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