User Manual

ROGUE R3 SPOT

Model ID: ROGUER3SPOT

Edition Notes

The Rogue R3 Spot User Manual includes a description, safety precautions, installation, programming, operation and maintenance instructions for the Rogue R3 Spot as of the release date of this edition.

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Document Printing

For best results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure the printer to scale the content accordingly.

Intended Audience

Any person installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

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Document Revision

This Rogue R3 Spot User Manual is the 8th edition of this document. Go to www.chauvetprofessional.com for the latest version.

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1. Before You Begin

What Is Included

- Rogue R3 Spot
- Neutrik® powerCON® power cord
- 2 Omega brackets
- Quick Reference Guide

Claims

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

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.

Manual Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
<SET>	A button on the product's control panel
Settings	A product function or a menu option

Symbols

Symbol	Meaning
⚡	Electrical warning. Not following these instructions may cause electrical damage to the product, accessories, or the user.
⚠	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.

⚠ **Any reference to data or power connections in this manual assumes the use of Seetronic IP rated cables.**

📝 **The term "DMX" used throughout this manual refers to the USITT DMX512-A digital data transmission protocol.**

FCC Compliance

This device complies with Part 15 Part B of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Expected LED Lifespan

Over time, use and heat will reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product, and limit the overall intensity.

Safety Notes

Read all the following safety notes before working with this product. These notes contain important information about the installation, usage, and maintenance of this product.

⚠ **This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained, certified technicians. Do not open the housing or attempt any repairs.**

ⓘ **All applicable local codes and regulations apply to proper installation of this product.**

Personal Safety

- Avoid direct eye exposure to the light source while the product is on.
- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 22.3 ft (6.8 m) is not expected.
- If the external flexible cable or cord of this luminaire is damaged, it shall be replaced with a special cable or cord exclusively available from the manufacturer or its service agent.
- The light source contained in this luminaire shall only be replaced by the manufacturer, its service agent, or a similarly qualified person.
- The luminaire is intended for professional use only.
- Always disconnect the product from the power source before cleaning or replacing the fuse.
- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Do not touch the product's housing when operating because it may be very hot.

Mounting and Rigging

- The product is intended for professional use only.
- This product is for indoor use only! To prevent risk of fire or shock, do not expose this product to rain or moisture. (IP20).
- CAUTION: When transferring product from extreme temperature environments, (e.g., cold truck to warm, humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow product to fully acclimate to the surrounding environment before connecting it to power.
- Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Make sure there are no flammable materials close to the product when operating.
- Always carry this product by the handles. Do not carry from the head.
- When hanging this product, always secure to a fastening device using a safety cable.
- The product should be positioned so that prolonged staring into it at a distance closer than 7.5 ft (2.3 m) is not expected.

Power and Wiring

- Always make sure you are connecting the product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- Never connect the product to a dimmer pack or rheostat.
- Never disconnect this product by pulling or tugging on the power cable.
- If the external flexible cable or cord of this product is damaged, it shall be replaced with a special cable or cord exclusively available from the manufacturer or its service agent.

Operation

- Do not operate this product if there is damage on the housing, lenses, or cables. Have the damaged parts replaced by an authorized technician at once.
- 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.
- Do not cover the ventilation slots when operating to avoid internal overheating.
- Do not aim this product toward the sun. The lenses could concentrate the solar energy and cause internal overheating.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate the product at higher temperatures.
- In the event of a serious operation problem, stop using this product immediately!

📝 **If your Chauvet product requires service, contact Chauvet Technical Support.**

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2. Introduction

Description

Rogue R3 Spot delivers intense output, crisp optics, and sharp focus, and maintains a value proposition designed to maximize ROI. This moving spot has a bright 300 W LED light engine that produces an even field of light, a rotating and a static gobos, two 8-position and split-color-enabled color wheels, and three-facet prism to create stunning looks. A quick-moving zoom range of 11.9° to 42.5° adds to its flexibility of use by giving the Rogue R3 Spot the ability to cover large areas.

Features

- Intense 300 W LED light engine for bold beams
- Zoom range of 11.9° to 42.5° to cover stages and surfaces from a distance
- Perfect gobo morphing between gobo wheels
- Two color wheels with 7 colors, split-color ability, and continuous variable speed scrolling
- Iris, 3-facet prism, and frost for beam control
- 16-bit LED dimming for fade control
- Neutrik® powerCON® power input/output connections for power linking
- 3- and 5-pin DMX input/output connections
- RDM enabled for remote addressing and trouble shooting
- Selectable PWM settings to maintain flicker-free operation on camera
- Simple and complex DMX channel profiles for programming versatility

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Product Overview

Power switch

Fuse

Handles

DMX out/in

Power in/out

Display panel

Menu buttons

Product Dimensions

14.7 in
373mm

23.7
601 mm

14.2 in
360 mm

11 in
282 mm
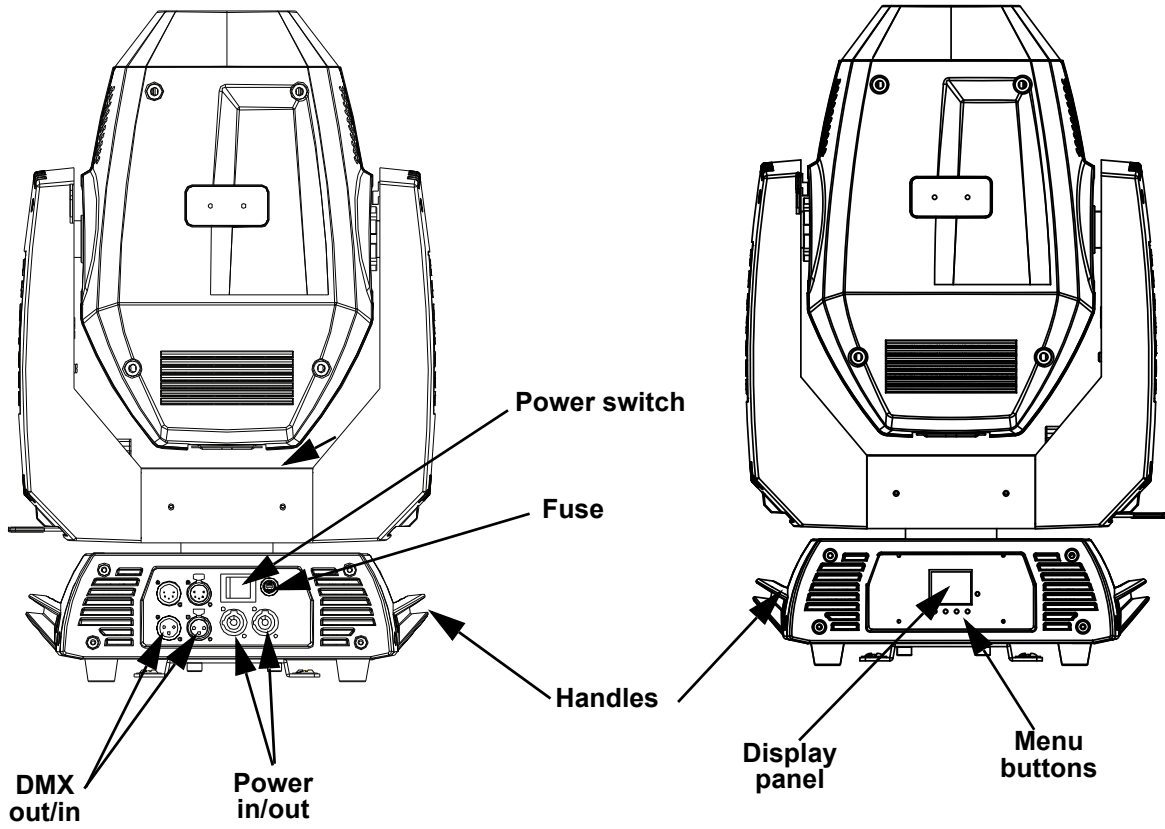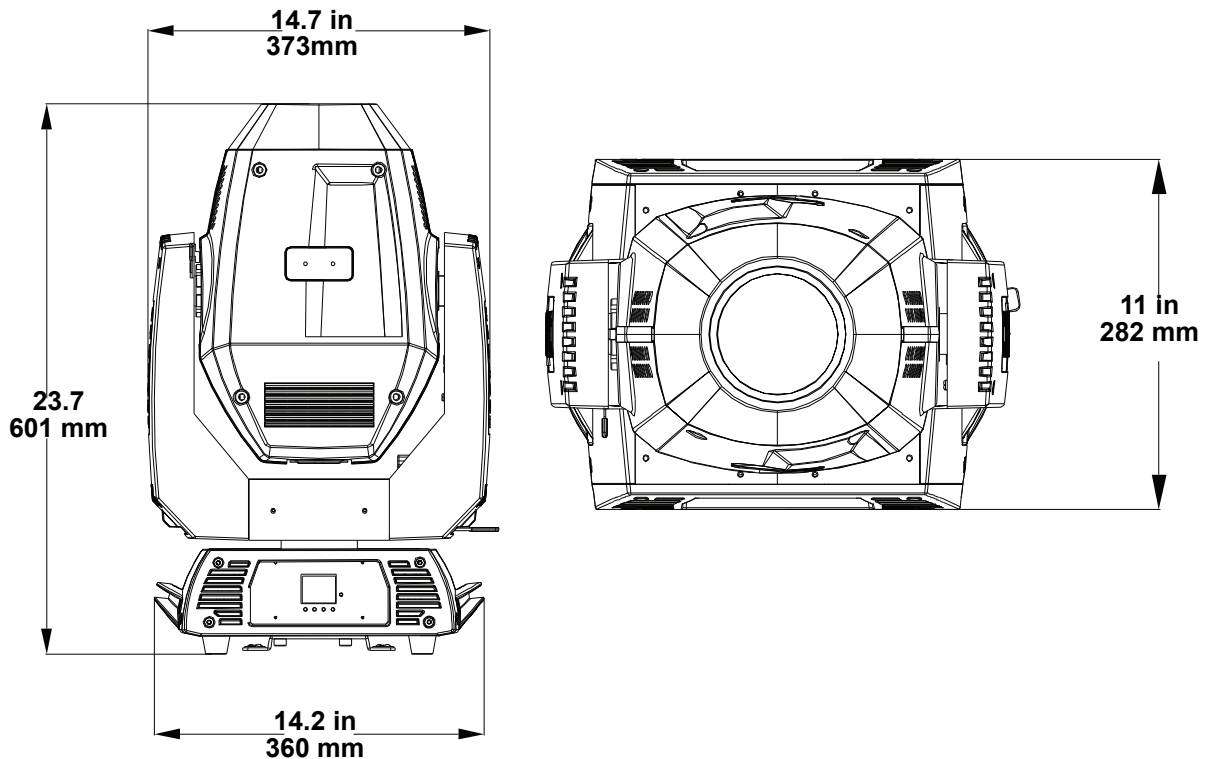
3. Setup

AC Power

Each Rogue R3 Spot has an auto-ranging power supply that works with an input voltage range of 100 to 240 VAC, 50/60 Hz. To determine the power requirements for each Rogue R3 Spot, refer to the label affixed to the product. You can also refer to the Technical Specifications chart in this manual.

The listed current rating indicates the maximum current draw during normal operation. For more information, download Sizing Circuit Breakers from the Chauvet website: www.chauvetprofessional.com.

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

ⓘ **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.**

AC Plug

The Rogue R3 Spot comes with a power input cord terminated with a Neutrik® powerCON® connector on one end and an Edison plug on the other end (U.S. market). If the power input cord that came with the product has no plug, or if the plug needs to be changed, use the table below to wire the new plug.

Connection	Wire (U.S.)	Wire (Europe)	Screw Color
AC Live	Black	Brown	Yellow or Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green

Fuse Replacement

1. Disconnect this product from the power outlet.
2. Using a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse and replace with a another fuse of the same type and rating.
4. Screw the fuse holder cap back in place and reconnect power.

Power Linking

The product supports power linking. It is possible to power link up to 2 products at 100 V and 120 V, up to 4 products at 208 V, or up to 5 products at 230 V and 240 V. This product comes with a power input cord. Power-linking cables are available from Chauvet for purchase.

DMX Linking

The Rogue R3 Spot can be linked to a DMX controller using a 3- or 5-pin DMX connection. If using other DMX-compatible products with this product, each can be individually controlled with a single DMX controller.

DMX Personalities

The Rogue R3 Spot uses a 3- or 5-pin DMX data connection for its 19-channel or 25-channel DMX personalities.

• Refer to the Introduction for a brief description of each DMX personality.
• Refer to the Operation chapter to learn how to configure the Rogue R3 Spot to work in these personalities.
• The DMX Values section provides detailed information regarding the DMX personalities.

📝 **If you are not familiar with, or need more information about, DMX standards, Master/Slave connectivity, or the DMX cables needed to link this product to a DMX controller, download the DMX Primer from the Chauvet website: www.chauvetprofessional.com.**

Remote Device Management (RDM)

Remote Device Management, or RDM, is a standard for allowing DMX-enabled devices to communicate bi-directionally along existing DMX cabling. Check the DMX controller's User Manual or with the manufacturer as not all DMX controllers have this capability. The Rogue R3 Spot supports RDM protocol that allows feedback to make changes to menu map options.

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes. For our CHAUVET Professional line of mounting clamps, go to http://trusst.com/products/.

Orientation

Always mount this product in a safe position, making sure there is adequate room for ventilation, configuration, and maintenance.

Rigging

Chauvet recommends using the following general guidelines when mounting this product.

- Before deciding on a location for the product, 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.

Procedure

The Rogue R3 Spot comes with a preinstalled mounting surface to which you will be able to attach the included omega bracket. Make sure the clamps are capable of supporting the weight of this product. Use at least 2 mounting points per product. In addition, use a safety cable to link the product to the structure. For the CHAUVET Professional line of mounting clamps, go to http://www.trusst.com/products.

Mounting Diagram

Mounting clamp

Omega bracket

y cable

Overhead Mounting　　　　　　　　　　**Surface Mounting**
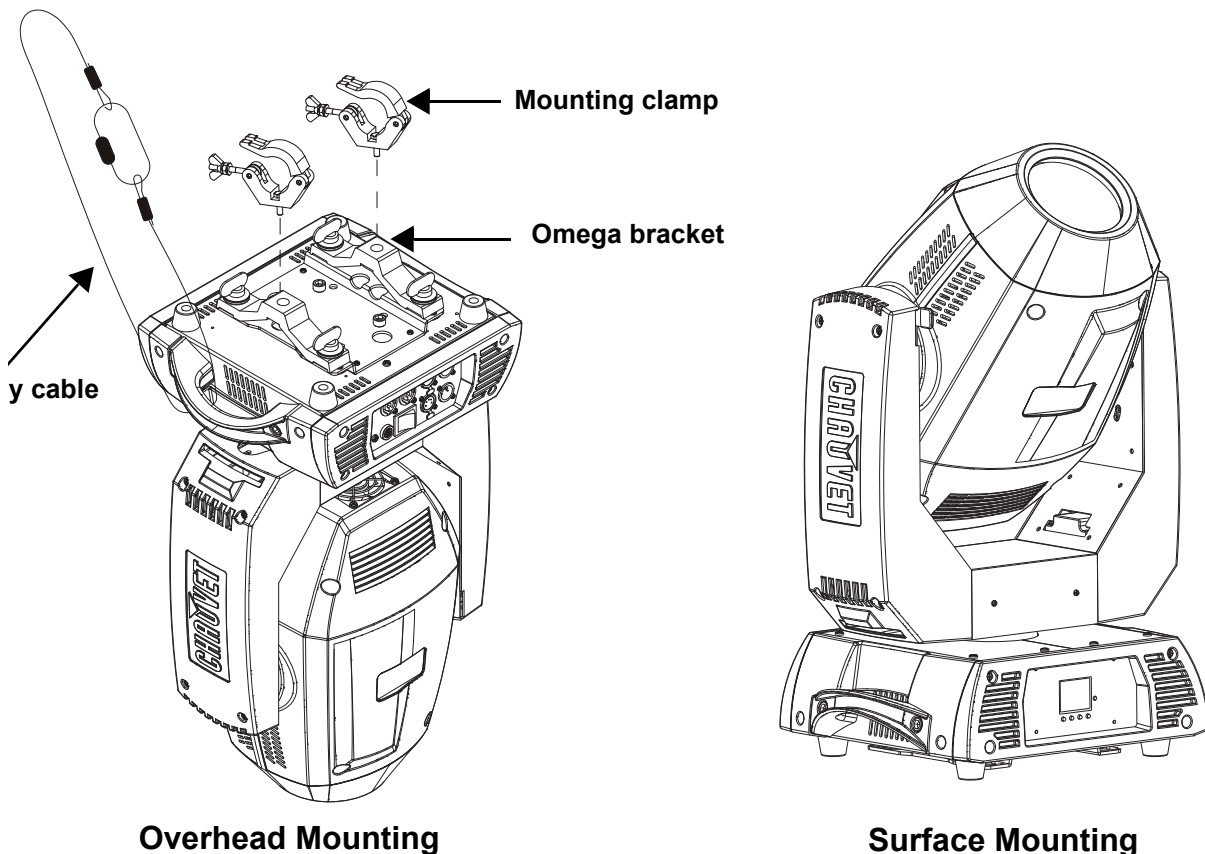
Gobo Wheels
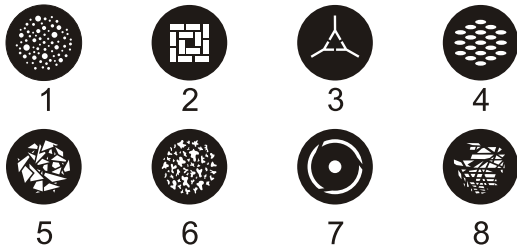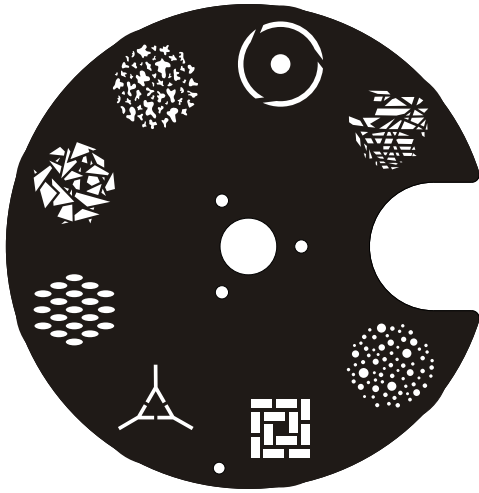
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<tr><th>Static Gobo Wheel</th><th>Rotating Gobo Wheel</th></tr>
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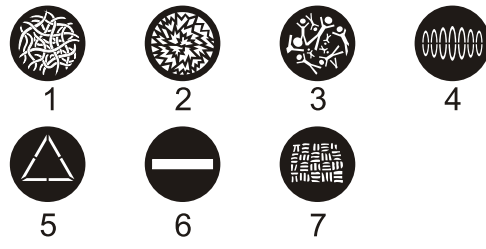
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</thead>
<tbody>
<tr><td rowspan="8">Static
gobo wheel</td><td>1</td><td>Dots breakup</td><td rowspan="7">Rotating
gobo wheel</td><td>1</td><td>Tribal breakup</td></tr>
<tr><td>2</td><td>Bricks</td><td>2</td><td>Shattered</td></tr>
<tr><td>3</td><td>Triangle rays</td><td>3</td><td>Stickmen</td></tr>
<tr><td>4</td><td>Grouped ovals</td><td>4</td><td>Linear ovals</td></tr>
<tr><td>5</td><td>Triangle breakup</td><td>5</td><td>Laser triangle</td></tr>
<tr><td>6</td><td>Foliage breakup</td><td>6</td><td>Line</td></tr>
<tr><td>7</td><td>Circle dot</td><td>7</td><td>Thatched breakup</td></tr>
<tr><td>8</td><td>Mosaic breakup</td><td></td><td></td></tr>
</tbody>
</table>

Color Wheel 1

light blue

green

yellow

3   2   1

red   4

5   7

6

magenta

orange

dark blue

Color Wheel 2

CTO 5600K

green

CTO 3200K

3   2   1

UV   4

5   7

6

orange

light blue

pink

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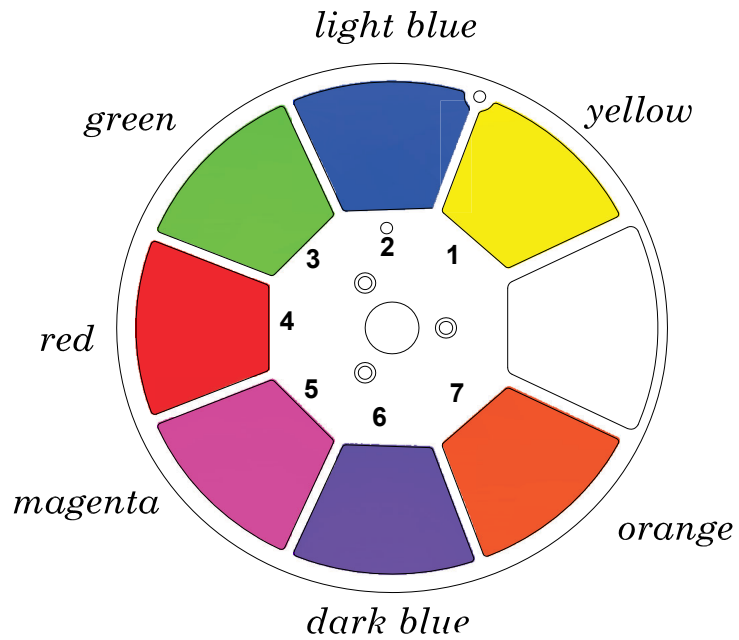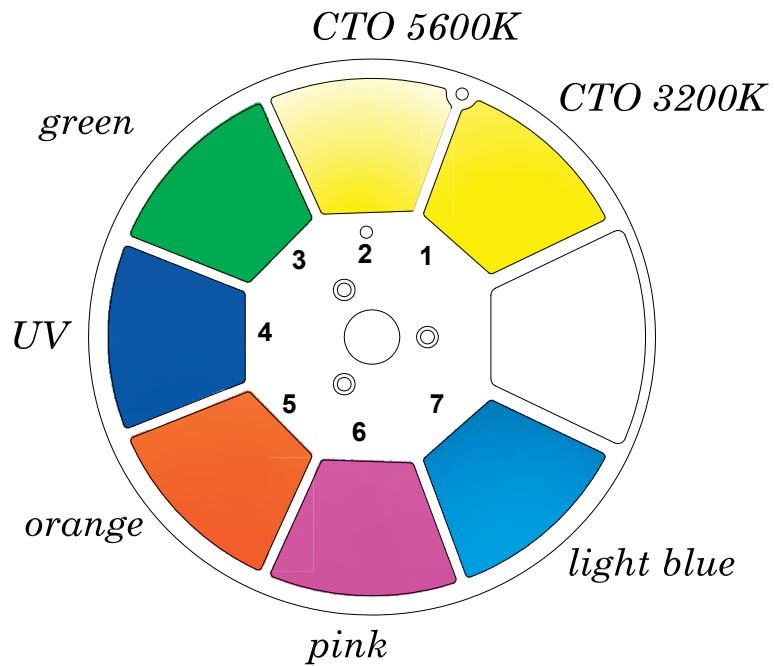
4. Operation

Control Panel Operation

Button	Function
<MENU>	Exits from the current menu or function
<ENTER>	Enables the currently displayed menu or sets the currently selected value in to the current function
<UP>	Navigates upward through the menu list or increases the numeric value when in a function
<DOWN>	Navigates downward through the menu list or decreases the numeric value when in a function

Control Options

Set the Rogue R3 Spot starting address in the 001-512 DMX range. This enables control of up to 6 products in the 25-channel personality.

Programming

Refer to the Menu Map to understand the menu options. The menu map shows the main level and a variable number of programming levels for each option.

- To go to the desired main level, press **<MENU>** repeatedly until the option shows on the display. Press **<ENTER>** to select. This will take you to the first programming level for that option.
- To select an option or value within the current programming level, press **<UP>** or **<DOWN>** until the option shows on the display. Press **<ENTER>** to select. In this case, if there is another programming level, you will see that first option, or you will see the selected value.
- Press **<MENU>** repeatedly to exit to the previous main level.

Menu Map

Refer to the Rogue R3 Spot product page on www.chauvetprofessional.com for the latest menu map.

Main Level	Programming Levels			Description
Address	**001-512**			Sets the DMX starting address
Running Mode	**DMX**		**25CH**	Selects the DMX mode
			19CH	
	Auto Test			Runs the product's test sequence
	Manual Test	**Pan**	**000–255**	Allows manual control of all settings from the control panel
		Pan Fine		
		Tilt		
		Tilt Fine		
		P/T Speed		
		Dimmer		
		Dimmer Fine		
		Shutter		
		Color 1		
		Color 2		
		Gobo		
		Gobo Rot		
		Gobo 2		
		Focus		
		Zoom		
		Prism		
		Prism Rotate		
		Iris		
		Frost		
		P/T Macro		
		P/T Macro Speed		
		Special Function		

Main Level	Programming Levels		Description
Setup	**Pan Reverse**	YES	Reverse pan operation
		NO	Normal pan operation
	Tilt Reverse	YES	Reverse tilt operation
		NO	Normal tilt operation
	Screen Reverse	YES	Rotates control screen view 180°
		NO	Normal control screen view
	Pan Angle	540	Selects the 540° pan angle range
		360	Selects the 360° pan angle range
		180	Selects the 180° pan angle range
	Tilt Angle	250	Selects the 250° tilt angle range
		180	Selects the 180° tilt angle range
		90	Selects the 90° tilt angle range
	BL.O.P/T Move	YES	Defines the pan/tilt move-in-black delay
		NO	
	BL.O.Color Move	YES	Defines the color change move-in-black delay
		NO	
	BL.O.Gobo Move	YES	Defines the gobo change move-in-black delay
		NO	
	PWM Option	600Hz	Selects the PWM output frequency
		1200Hz	
		2000Hz	
		4000Hz	
		6000Hz	
		15KHz	
	Reset Function	**Pan/Tilt** YES	Resets pan/tilt functions to the home position
		Pan/Tilt NO	
		Iris/Prism YES	Resets iris and prism functions to the home position
		Iris/Prism NO	
		Color YES	Resets all color function to the home position
		Color NO	
		Gobo/ Gobo Rot. YES	Resets all gobo and gobo rotate functions to the home position
		Gobo/ Gobo Rot. NO	
		Frost YES	Resets the frost functions to the home position
		Frost NO	
		All YES	Resets all functions to the home position
		All NO	
	Factory Settings	YES	Reverts the product back to the original factory settings
		NO	
Sys Info	**Ver**		Displays the software version
	Running Mode		Displays the current running mode
	DMX Address		Displays the current DMX address
	Temperature		Displays the product's temperature in Celsius
	UID		Shows product UID

DMX Values

19CH	25CH	Function	Value	Percent/Setting
1	1	Pan	000 ⇔ 255	0-100%
2	2	Fine pan	000 ⇔ 255	Fine control (16-bit)
3	3	Tilt	000 ⇔ 255	0-100%
4	4	Fine tilt	000 ⇔ 255	Fine control (16-bit)
5	5	Pan/tilt speed	000 ⇔ 255	0-100%
6	6	Dimmer	000 ⇔ 255	0-100%
–	7	Fine dimmer	000 ⇔ 255	Fine control (16-bit)
7	8	Strobe	000 ⇔ 003	Off
			004 ⇔ 007	On
			008 ⇔ 076	Synchronizing strobe, slow to fast
			077 ⇔ 145	Pulse strobe, slow to fast
			146 ⇔ 215	Random strobe, slow to fast
			216 ⇔ 255	On
8	9	Color wheel 1	000 ⇔ 007	White
			008 ⇔ 015	Yellow
			016 ⇔ 023	Light blue
			024 ⇔ 031	Green
			032 ⇔ 039	Red
			040 ⇔ 047	Magenta
			048 ⇔ 055	Dark blue
			056 ⇔ 063	Orange
			064 ⇔ 071	White + Yellow
			072 ⇔ 079	Yellow + Light blue
			080 ⇔ 087	Light blue + Green
			088 ⇔ 095	Green + Red
			096 ⇔ 103	Red + Magenta
			104 ⇔ 111	Magenta + Dark blue
			112 ⇔ 119	Dark blue + Orange
			120 ⇔ 127	Orange + White
			128 ⇔ 191	Clockwise color scroll, slow to fast
			192 ⇔ 255	Counterclockwise color scroll, slow to fast
9	10	Color wheel 2	000 ⇔ 007	White
			008 ⇔ 015	CTO 3200K
			016 ⇔ 023	CTO 5600K
			024 ⇔ 031	Green
			032 ⇔ 039	UV
			040 ⇔ 047	Orange
			048 ⇔ 055	Pink
			056 ⇔ 063	Light blue
			064 ⇔ 071	White + CTO 3200K
			072 ⇔ 079	CTO 3200K + CTO 5600K
			080 ⇔ 087	CTO 5600K + Green
			088 ⇔ 095	Green + UV
			096 ⇔ 103	UV + Orange
			104 ⇔ 111	Orange + Pink
			112 ⇔ 119	Pink + Light blue
			120 ⇔ 127	Light blue + White
			128 ⇔ 191	Clockwise color scroll, slow to fast
			192 ⇔ 255	Counterclockwise color scroll, slow to fast

19CH	25CH	Function	Value	Percent/Setting
10	11	**Rotating gobo wheel** (see Gobo Wheels)	000 ⇔ 007	Open
			008 ⇔ 015	Gobo 1 (tribal breakup)
			016 ⇔ 023	Gobo 2 (shattered)
			024 ⇔ 031	Gobo 3 (stickmen)
			032 ⇔ 039	Gobo 4 (linear ovals)
			040 ⇔ 047	Gobo 5 (laser triangle)
			048 ⇔ 055	Gobo 6 (line)
			056 ⇔ 063	Gobo 7 (thatched breakup)
			064 ⇔ 071	Gobo 1 shaking, slow to fast
			072 ⇔ 079	Gobo 2 shaking, slow to fast
			080 ⇔ 087	Gobo 3 shaking, slow to fast
			088 ⇔ 095	Gobo 4 shaking, slow to fast
			096 ⇔ 103	Gobo 5 shaking, slow to fast
			104 ⇔ 111	Gobo 6 shaking, slow to fast
			112 ⇔ 119	Gobo 7 shaking, slow to fast
			120 ⇔ 127	Open
			128 ⇔ 191	Clockwise scroll, slow to fast
			192 ⇔ 255	Counterclockwise scroll, slow to fast
11	12	**Gobo rotation**	000 ⇔ 063	Rotating gobo index
			064 ⇔ 147	Clockwise rotation, slow to fast
			148 ⇔ 191	Counterclockwise rotation, slow to fast
			192 ⇔ 255	Bounce effect
12	13	**Static gobo wheel** (see Gobo Wheels)	000 ⇔ 006	Open
			007 ⇔ 013	Gobo 1
			014 ⇔ 020	Gobo 2
			021 ⇔ 027	Gobo 3
			028 ⇔ 034	Gobo 4
			035 ⇔ 041	Gobo 5
			042 ⇔ 048	Gobo 6
			049 ⇔ 055	Gobo 7
			056 ⇔ 063	Gobo 8
			064 ⇔ 071	Gobo 8 shaking, slow to fast
			072 ⇔ 078	Gobo 7 shaking, slow to fast
			079 ⇔ 085	Gobo 6 shaking, slow to fast
			086 ⇔ 092	Gobo 5 shaking, slow to fast
			093 ⇔ 099	Gobo 4 shaking, slow to fast
			100 ⇔ 106	Gobo 3 shaking, slow to fast
			107 ⇔ 113	Gobo 2 shaking, slow to fast
			114 ⇔ 120	Gobo 1 shaking, slow to fast
			121 ⇔ 127	Open
			128 ⇔ 191	Gobo scroll, slow to fast
			192 ⇔ 255	Reverse gobo scroll, slow to fast
13	14	**Focus**	000 ⇔ 255	0-100%
–	15	**Fine focus**	000 ⇔ 255	Fine control (16-bit)

19CH	25CH	Function	Value	Percent/Setting
–	16	Auto focus	000 ⇔ 000	No function
			001 ⇔ 012	5 meters (static gobo wheel)
			013 ⇔ 024	6 meters (static gobo wheel)
			025 ⇔ 036	7 meters (static gobo wheel)
			037 ⇔ 048	8 meters (static gobo wheel)
			049 ⇔ 060	9 meters (static gobo wheel)
			061 ⇔ 072	10 meters (static gobo wheel)
			073 ⇔ 084	15 meters (static gobo wheel)
			085 ⇔ 100	20 meters (static gobo wheel)
			101 ⇔ 127	Auto focus (static gobo wheel)
			128 ⇔ 139	5 meters (rotating gobo wheel)
			140 ⇔ 151	6 meters (rotating gobo wheel)
			152 ⇔ 163	7 meters (rotating gobo wheel)
			164 ⇔ 175	8 meters (rotating gobo wheel)
			176 ⇔ 187	9 meters (rotating gobo wheel)
			188 ⇔ 199	10 meters (rotating gobo wheel)
			200 ⇔ 211	15 meters (rotating gobo wheel)
			212 ⇔ 227	20 meters (rotating gobo wheel)
			228 ⇔ 255	Auto focus (rotating gobo wheel)
14	17	Zoom	000 ⇔ 255	Zoom out to zoom in
–	18	Fine zoom	000 ⇔ 255	Fine Control (16-bit)
15	19	Prism	000 ⇔ 004	No function
			005 ⇔ 255	Prism effect
16	20	Rotating prism	000 ⇔ 127	Prism index
			128 ⇔ 189	Clockwise rotation, fast to slow
			190 ⇔ 193	Hold
			194 ⇔ 255	Counterclockwise rotation, slow to fast
17	21	Iris	000 ⇔ 063	Large to small
			064 ⇔ 127	Auto change, slow to fast
			128 ⇔ 191	Slow zoom out, fast zoom in (slow to fast)
			192 ⇔ 255	Slow zoom in, fast zoom out (slow to fast)
18	22	Frost	000 ⇔ 004	No function
			005 ⇔ 255	Frost effect
–	23	Auto program	000 ⇔ 007	Auto program 1
			008 ⇔ 015	Auto program 2
			016 ⇔ 023	Auto program 3
			024 ⇔ 031	Auto program 4
			032 ⇔ 039	Auto program 5
			040 ⇔ 047	Auto program 6
			048 ⇔ 055	Auto program 7
			056 ⇔ 063	Auto program 8
			064 ⇔ 071	Auto program 9
			072 ⇔ 079	Auto program 10
			080 ⇔ 087	Auto program 11
			088 ⇔ 095	Auto program 12
			096 ⇔ 103	Auto program 13
			104 ⇔ 111	Auto program 14
			112 ⇔ 119	Auto program 15
			120 ⇔ 127	Auto program 16
			128 ⇔ 135	Auto program 17
			136 ⇔ 143	Auto program 18

19CH	25CH	Function	Value	Percent/Setting
–	23	**Auto program**	144 ⇔ 151	Auto program 19
			152 ⇔ 159	Auto program 20
			160 ⇔ 167	Auto program 21
			168 ⇔ 175	Auto program 22
			176 ⇔ 183	Auto program 23
			184 ⇔ 191	Auto program 24
			192 ⇔ 199	Auto program 25
			200 ⇔ 207	Auto program 26
			208 ⇔ 215	Auto program 27
			216 ⇔ 223	Auto program 28
			224 ⇔ 231	Auto program 29
			232 ⇔ 239	Auto program 30
			240 ⇔ 255	Auto program 31
–	24	**Auto speed**	000 ⇔ 255	Slow to fast
19	25	**Control**	000 ⇔ 007	No function
			008 ⇔ 015	Blackout during pan/tilt
			016 ⇔ 023	Blackout while color wheel is moving
			024 ⇔ 031	Blackout while gobo wheel is moving
			032 ⇔ 039	Blackout while pan/tilt/moving color wheel
			040 ⇔ 047	Blackout while pan/tilt/moving gobo wheel
			048 ⇔ 055	Blackout while pan/tilt/moving color wheel/moving gobo wheel
			056 ⇔ 095	No function
			096 ⇔ 103	Pan reset
			104 ⇔ 111	Tilt reset
			112 ⇔ 119	Color reset
			120 ⇔ 127	Gobo reset
			128 ⇔ 135	No function
			136 ⇔ 143	Prism reset
			144 ⇔ 151	No function
			152 ⇔ 159	All reset
			160 ⇔ 167	Iris reset
			168 ⇔ 175	Frost reset
			176 ⇔ 183	Zoom reset
			184 ⇔ 255	No function

Address

This programming level sets the DMX starting address. In this mode, each product will respond to a unique starting address from the DMX controller. All products with the same starting address will respond in unison. This option sets the products DMX address.

1. Starting from the Main Level screen, select **Address,** press **<ENTER>.**
2. Select the starting address **(001–512)**, press **<ENTER>.**

Run Mode

This programming level sets the DMX personality and controls the different test modes.

*   Starting from the Main Level screen, select **Running Mode,** press **<ENTER>**.

DMX Personality

This setting allows you to choose a particular DMX personality.

1. Highlight **DMX**, press **<ENTER>**.
2. Select the DMX personality **19CH** or **25CH.**
3. Press **<ENTER>**.

> **Make sure that the starting addresses on the various products do not overlap due to the new personality setting.**

Auto Test

This option runs every attribute individually through 1 cycle.

*   Highlight **Auto Test**, press **<ENTER>**.

> **The Auto Test will end after one full cycle. You can stop the test by pressing <MENU> at any time.**

Manual Test

This option allows you to run each attribute individually or as a group.

1. Highlight **Manual Test**, press **<ENTER>**.
2. Highlight the desired attribute listed on the control panel screen, press **<ENTER>**.
3. Set the attribute value (**000–255**), press **<ENTER>**.
4. Repeat step 2 for the other attributes.

> **When exiting the Manual Test level, the values of all tested channels will revert to zero.**

Setup

This programming level controls the product's head movement, display, dimming, and fan adjustments.
- Starting from the Main Level screen, select **Setup,** press **<ENTER>**.

Pan Reverse

Reverses the operation of the pan attribute.
1. Highlight **Pan Reverse**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**

Tilt Reverse

Reverses the operation of the tilt attribute.
1. Highlight **Tilt Reverse**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**

Screen Reverse

Reverses the operation of the tilt attribute.
1. Highlight **Screen Reverse**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**

Pan Angle

This option assigns pan range.
1. Highlight **Pan Angle**, press **<ENTER>**.
2. Select **540**, **360**, or **180**, press **<ENTER>**.

Tilt Angle

This option assigns tilt range.
1. Highlight **Tilt Angle**, press **<ENTER>**.
2. Select **250**, **180**, or **90**, press **<ENTER>**.

Pan and Tilt Blackout

This option assigns engages the shutter to block all light output whenever the product's head is in movement.
1. Highlight **BL.O.P/T Move,** press **<ENTER>**.
2. Select **Yes** or **No**, press **<ENTER>**.

Color Movement Blackout

This option engages the shutter to block all light output whenever the product's color wheel is in motion.
1. Highlight **BL.O.ColorMove**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

Gobo Movement Blackout

This option engages the shutter to block all light output whenever the product's gobo wheel is in motion.
1. Highlight **BL.O.GoboMove**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

Pulse Width Modulation

To set the PWM frequency, follow the instructions below:
1. Navigate to the **Setup** menu.
2. Use **<UP>** or **<DOWN>** to select **PWM Option**, or touch the display where it says **PWM Option**.
3. If using the buttons instead of the touchscreen, press **<ENTER>**.
4. Use **<UP>**, **<DOWN>**, **<LEFT>**, or **<RIGHT>** to select the PWM frequency, from **600Hz**, **1200Hz**, **2000Hz**, **4000Hz**, **6000Hz**, or **15000Hz**, or touch the display where it says the desired option.
5. Press **<ENTER>**.

Reset Function

This programming level allows the user to reset individual functions to the home position.
- Starting from the **Setup** screen level, select **Reset Function,** press **<ENTER>**.

Pan/Tilt Reset

This option resets the Pan/Tilt functions to the home position.
1. Highlight **Pan/Tilt**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

Iris/Prism Reset

This option resets the Prism functions to the home position.
1. Highlight **Iris/Prism**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

Color Reset

This option resets the Color/Frost functions to the home position.
1. Highlight **Color**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

Gobo/ Gobo Rotate Reset

This option resets the Color/Frost functions to the home position.
1. Highlight **Gobo/Gobo Rot.**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

Frost Reset

This option resets the Zoom function to the home position.
1. Highlight **Frost**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

All Reset

This option resets the all the functions to the home position.
1. Highlight **All**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

Factory Reset Function

This reverts the product back to its original factory settings.
- Starting from the **Setup** screen level, select **Factory Settings,** select **<YES/NO>** and press **<ENTER>**.

System Information

This programming level shows standard information regarding the product's operating status. Starting from the Main Level screen, select **Sys Info,** press **<ENTER>**.
- **Ver:** The current software version is displayed on the screen.
- **Running Mode:** The current Running mode is displayed on the screen.
- **DMX Address:** The current DMX address is displayed on the screen.
- **Temperature:** The current product temperature is displayed on the screen.
- **Fixture Time:** The product's total running time.
- **UID:** Shows the product's UID

Offset Mode

The Offset mode provides fine adjustments for the home position of all the moving parts in the optical path as well as the pan and tilt movements. This way, when in their home position, the moving parts do not show any border or reduce the light output.

1. Starting from the Main Level screen, Press and hold **<MENU>** until the passcode screen appears.
2. Using **<UP>** to increase the number value and **<DOWN>** to move to the next column, enter **2323**, press **<ENTER>**. This brings you into the Zero Adjust menu screen.

Pan
1. Highlight **PAN**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Tilt
1. Highlight **TILT**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Gobo
1. Highlight **GOBO**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Gobo Rotate
1. Highlight **GOBO ROT**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Gobo 2
1. Highlight **GOBO2**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Color 1
1. Highlight **COLOR1**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Color 2
1. Highlight **COLOR2**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Prism
1. Highlight **PRISM**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Focus
1. Highlight **FOCUS**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Focus Gobo 2
1. Highlight **FOCUS**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Zoom
1. Highlight **ZOOM**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Iris
1. Highlight **IRIS**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Frost
1. Highlight **FROST**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

Dimmer
1. Highlight **DIMMER**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

MAC Address
To adjust the fourth, fifth, or sixth MAC address, do the following:
1. Use **<UP>** or **<DOWN>** to select MAC4, MAC5, or MAC6.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to increase or decrease the value, from **000–255**.

5. Technical Information

Product Maintenance

To maintain optimum performance and minimize wear, clean this product frequently. Usage and environment are contributing factors in determining the cleaning frequency.

Clean this product at least twice a month. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced light source life and increased mechanical wear.

To clean the product:

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 vents.
4. Clean all transparent surfaces with a mild soap solution or ammonia-free glass cleaner.
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

Dimensions and Weight

Length	Width	Height	Weight
14.68 in (373 mm)	11.1 in (282 mm)	23.66 in (601 mm)	50 lb (22.7 kg)

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

Power

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

Parameter	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 60 Hz
Consumption	520 W	529 W	520 W	521 W	519 W
Operating Current	5.2 A	4.48 A	2.45 A	2.22 a	2.10 A
Power-linking current	13.6 A (2 products)	13.6 A (2 products)	13.6 A (4 products)	13.6 A (5 products)	13.6 A (5 products)
Fuse	F 7 A, 250 V	F 7 A, 250 V	F 7 A, 250 V	F 7 A, 250 V	F 7 A, 250 V

Power I/O	U.S./Worldwide	UK/Europe
Power input connector	Neutrik® powerCON®	Neutrik® powerCON®
Power output connector	Neutrik® powerCON®	Neutrik® powerCON®
Power Cord plug	Edison (U.S.)	Local plug

Light Source

Type	Quantity	Color	Current	Power	Lifespan
LED	1	Cool white	8.8 A	300 W	50,000 hours

Photometrics

Parameter	Value
Strobe rate	0 to 22 Hz
Beam angle	11.9° to 36.1°
Field angle	14.9° to 39.5°
Zoom range	11.9° to 42.5°
Cutoff angle	15.5° to 42.5°
Illuminance (14.9°) @ 5 m	12,997 lux
Illuminance (39.5°) @ 5 m	1,803 lux

Thermal

Maximum External Temperature	Cooling System
113 °F (45 °C)	Fan cooled

DMX

I/O Connector	Channel Range
3- and 5-pin XLR	19 or 25 channels

Ordering

Product Name	Item Code	UPC Number
Rogue R3 Spot	08111414	781462217624

DMX RDM

MET® c US UL 1573 CSA C22.2 No. 166 E113093

FC UK CA CE RoHS

Returns

Send the product prepaid, in the original box, and with the original packing and accessories. Chauvet will not issue call tags.

Call Chauvet 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(s) for the return.

Clearly label the package with an 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.**

Once you have the RMA number, provide 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).**

Contact Us

General Information	Technical Support
Chauvet World Headquarters	
Address: 5200 NW 108th Ave.	Voice: (844) 393-7575
Sunrise, FL 33351	Fax: (954) 756-8015
Voice: (954) 577-4455	Email: chauvetcs@chauvetlighting.com
Fax: (954) 929-5560	
Toll Free: (800) 762-1084	Website: www.chauvetprofessional.com
Chauvet U.K.	
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Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., U.K., Ireland, Mexico, France, Germany, or Benelux, contact the dealer of record.