

# ROGUE



## User Manual



Model ID: ROGUEOUTCAST2HYBRID



## **Edition Notes**

The Rogue Outcast 2 Hybrid User Manual includes a description, safety precautions, installation, programming, operation and maintenance instructions for the Rogue Outcast 2 Hybrid as of the release date of this edition.

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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 Outcast 2 Hybrid User Manual is the 1<sup>st</sup> edition of this document. Go to [www.chauvetprofessional.com](http://www.chauvetprofessional.com) for the latest version.

## TABLE OF CONTENTS

|   |           |
|---|-----------|
| <b>1. Before You Begin .....</b>            | <b>1</b>  |
| What Is Included .....                      | 1         |
| Claims .....                                | 1         |
| Text Conventions .....                      | 1         |
| Symbols .....                               | 1         |
| FCC Compliance.....                         | 1         |
| Safety Notes.....                           | 2         |
| Personal Safety.....                        | 2         |
| Mounting and Rigging .....                  | 2         |
| Power and Wiring.....                       | 2         |
| Operation .....                             | 3         |
| <b>2. Introduction .....</b>                | <b>4</b>  |
| Description .....                           | 4         |
| Features.....                               | 4         |
| Product Overview.....                       | 4         |
| Product Dimensions.....                     | 5         |
| <b>3. Setup .....</b>                       | <b>6</b>  |
| AC Power.....                               | 6         |
| AC Plug.....                                | 6         |
| Fuse Replacement.....                       | 6         |
| DMX Linking.....                            | 6         |
| Remote Device Management (RDM).....         | 6         |
| USB Software Update .....                   | 6         |
| Mounting .....                              | 7         |
| Orientation.....                            | 7         |
| Rigging .....                               | 7         |
| Procedure.....                              | 7         |
| Lamp Replacement.....                       | 8         |
| Procedure.....                              | 8         |
| Increasing Lamp Lifespan .....              | 9         |
| <b>4. Operation .....</b>                   | <b>10</b> |
| Control Panel Description .....             | 10        |
| Menu Map .....                              | 10        |
| Configuration (DMX) .....                   | 12        |
| Control Personalities .....                 | 12        |
| Starting Address.....                       | 12        |
| Control Channel Assignments and Values..... | 13        |
| Gobo Wheels .....                           | 16        |
| Configuration (Settings) .....              | 17        |
| Pan Reverse .....                           | 17        |
| Tilt Reverse .....                          | 17        |
| Screen Reverse .....                        | 17        |
| Pan Angle.....                              | 17        |
| Tilt Angle .....                            | 17        |
| Black Out on Movement.....                  | 17        |
| Lamp Settings .....                         | 17        |

|  |           |
|--|-----------|
| Lamp On/Off .....                        | 17        |
| Lamp State at Power On.....              | 17        |
| Off Via DMX.....                         | 18        |
| On If DMX On .....                       | 18        |
| Off If DMX Off .....                     | 18        |
| Ignition Delay .....                     | 18        |
| Low Power Delay.....                     | 18        |
| Reset Lamp On Time.....                  | 18        |
| Maintenance Timer Interval.....          | 18        |
| Reset Maintenance Timer .....            | 18        |
| Display Backlight Timer.....             | 18        |
| USB Update .....                         | 19        |
| Reset Function .....                     | 19        |
| Factory Reset.....                       | 19        |
| Test Mode .....                          | 19        |
| Auto Test.....                           | 19        |
| Manual Test .....                        | 19        |
| System Information .....                 | 19        |
| Offset Mode (Zero Adjust).....           | 19        |
| Gobo Replacement .....                   | 20        |
| Procedure.....                           | 20        |
| Diagram .....                            | 20        |
| Torque Measurements .....                | 21        |
| Pressure Test Measurements .....         | 21        |
| <b>5. Maintenance.....</b>               | <b>22</b> |
| Product Maintenance .....                | 22        |
| <b>6. Technical Specifications .....</b> | <b>23</b> |
| <b>Returns.....</b>                      | <b>24</b> |
| <b>Contact Us .....</b>                  | <b>25</b> |

## Before You Begin

# 1. Before You Begin

## What Is Included

- Rogue Outcast 2 Hybrid
- 2 Omega brackets with mounting hardware
- Seetronic Powerkon IP65 power cable
- 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.

## 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                   |
| <ENTER>    | A key to be pressed on the product's control panel |

## 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.   |



**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.

## 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

- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 6.56 ft (2 m) is not expected.
- If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or his service agent.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar 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

- Do not submerge this product (IP65). Temporary outdoor operation is fine.
- When using this product in an outdoor environment, use IP65 (or higher) rated power and data cables. Secure unused power and data ports with attached IP65 covers.
- 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.
- Not for permanent outdoor installation in locations with extreme environmental conditions. This includes, but is not limited to:
  - Exposure to a marine/saline environment (within 3 miles of a saltwater body of water).
  - Locations where the normal high or low temperatures exceed the temperature ranges in this manual.
  - Locations that are prone to flooding or being buried in snow.
  - Areas where the product will be subjected to extreme radiation or caustic substances.
- 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 within 20 cm of this product while it is operating.
- When hanging this product, always secure to a fastening device using a safety cable.
- Never carry the product by the power cable.

## Power and Wiring

- Make sure the power cable is not crimped or damaged.
- Always make sure you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- 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 this product to a dimmer pack or rheostat.
- Make sure to replace the fuse with another of the same type and rating.
- Never disconnect this product by pulling or tugging on the power cable.

## Before You Begin

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### 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.
- Do not cover the ventilation slots when operating to avoid internal overheating.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate the product at higher temperatures.
- The minimum startup temperature is -4°F (-20°C). Do not start the product at lower temperatures.
- The minimum ambient temperature is -22°F (-30°C). Do not operate the product at lower temperatures.
- In the event of a serious operation problem, stop using this product immediately!



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

## 2. Introduction

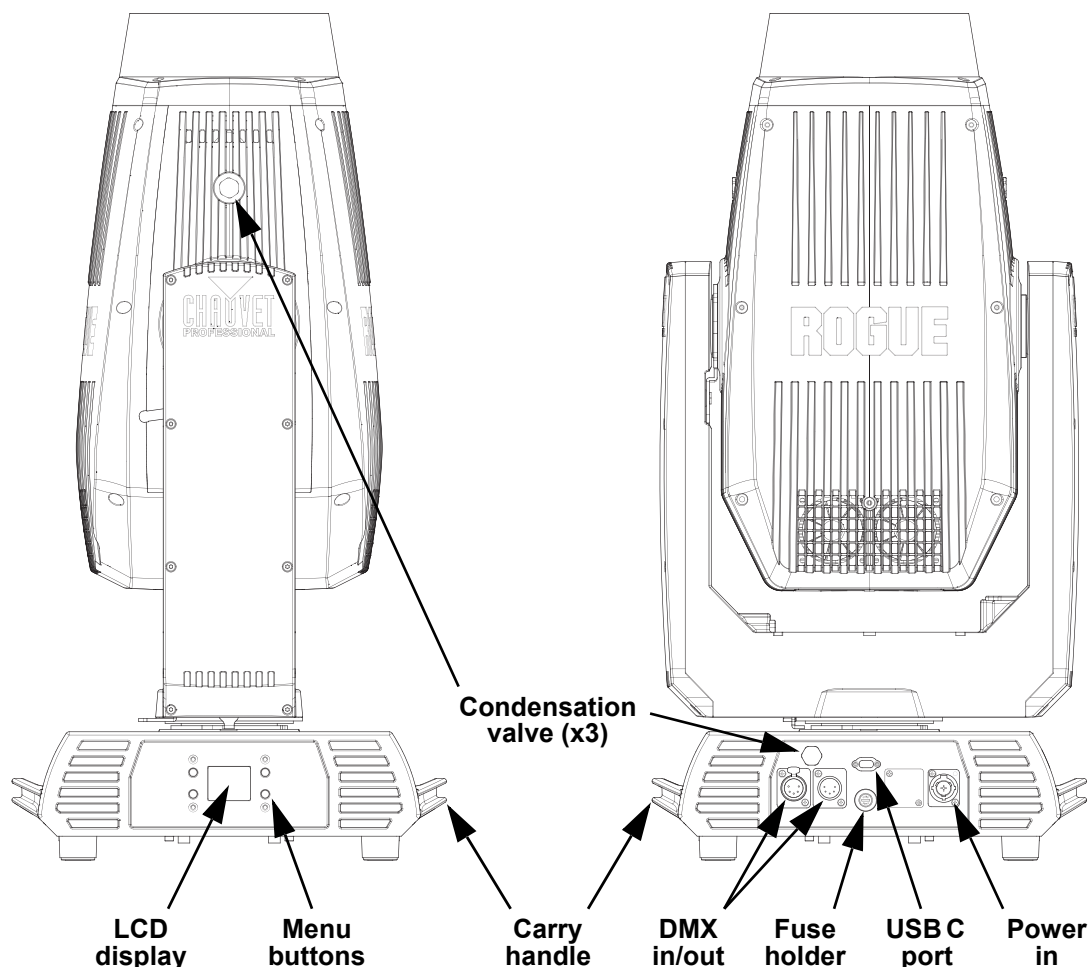
### Description

The Rogue Outcast 2 Hybrid is an outdoor-ready, IP65 spot/beam/wash moving head ideal for small to medium festivals and events. Powered by an intense 400W lamp, Rogue Outcast 2 Hybrid delivers a 6500 K output with tight beam angles of 0.9° to 20.7° in Beam Mode and a zoom range of 1.4° to 37.2° in Spot Mode and 5.4° to 41.7° in Wash Mode for maximum visual impact. This feature-packed unit offers 1 rotating and 1 static gobo wheel, 2 individually controllable 6 and 8-facet layerable prisms, and a 14-hue color wheel for solid and split colors. Control is over DMX and RDM.

### Features

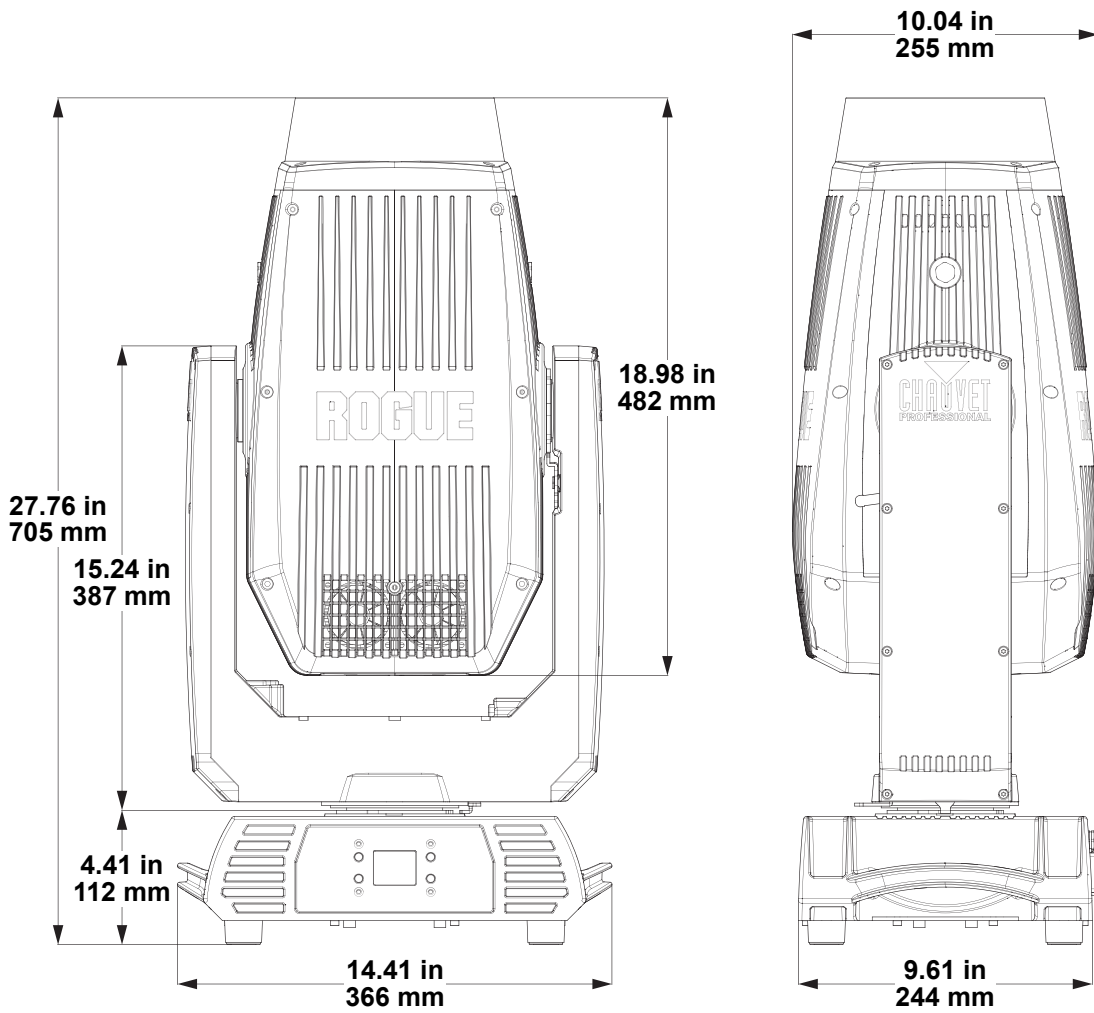
- Fully featured, IP65 rated, high powered Spot/Beam/Wash combination fixture with an Ushio 400 W, 6500 K with 6,000 hour life expectancy lamp, 2 gobo wheels, 2 layerable prisms, large zoom range, and lightweight aluminum/magnesium housing
- Individually controllable and layerable 5 facet linear and 8 facet round prisms for maximizing visual impact
- Frost and beam flattening options for even light distribution
- Tight 0.9° narrow beam angle for focused air effects
- Linear zoom of 0.9° to 20.7° in beam mode, 1.4° to 37.2° in spot mode and 5.4° to 41.7° in wash mode for coverage in any application
- 9 rotating and 13 static gobos for massive visual effect
- DMX and RDM protocol control
- True 1 compatible power input
- Easy to read OLED display with simple, effective menu options
- Simple and complex DMX channel profiles for programming versatility
- USB-C port for uploading software

### Product Overview





Product Dimensions



### 3. Setup

#### AC Power

The Rogue Outcast 2 Hybrid 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 (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 Outcast 2 Hybrid comes with a power input cable terminated with a Seetronic Powerkon A connector on one end and bare wire on the other end (U.S. market). Use the table below to wire a 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 another fuse of the same type and rating (F 8 A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

#### DMX Linking

The Rogue Outcast 2 Hybrid will work with a DMX controller using a 5-pin DMX serial connection. A DMX Primer is available from [www.chauvetprofessional.com](http://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 Outcast 2 Hybrid supports RDM protocol that allows feedback to make changes to menu map options.

#### USB Software Update

The Rogue Outcast 2 Hybrid allows for software update through USB using the built-in USB port. The product's USB port supports up to 32GB capacity and only works with FAT32 file format. To update the software using a USB flash drive, do the following:

1. Power on the product and plug the flash drive into the USB port.
2. Once the flash drive has been detected, the message "Upgrade Firmware" will be displayed. Press <ENTER>. If a different message appears on the display, search for the updated software in the **Menu (Updated Firmware)**. A list of the updated software files will be displayed.
3. Select the file that needs to be uploaded. The message "Are you sure?" will be displayed. Press <ENTER>.
4. If the selected file is correct, the update will be completed. Restart the product. If the selected file is incorrect, the update will fail, and the display will go back to the main interface. Repeat steps 1–3 using the correct file.



**The upload may take up to 15 minutes to complete.**



**DO NOT power off the product during the upload process.**

## Setup

### 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

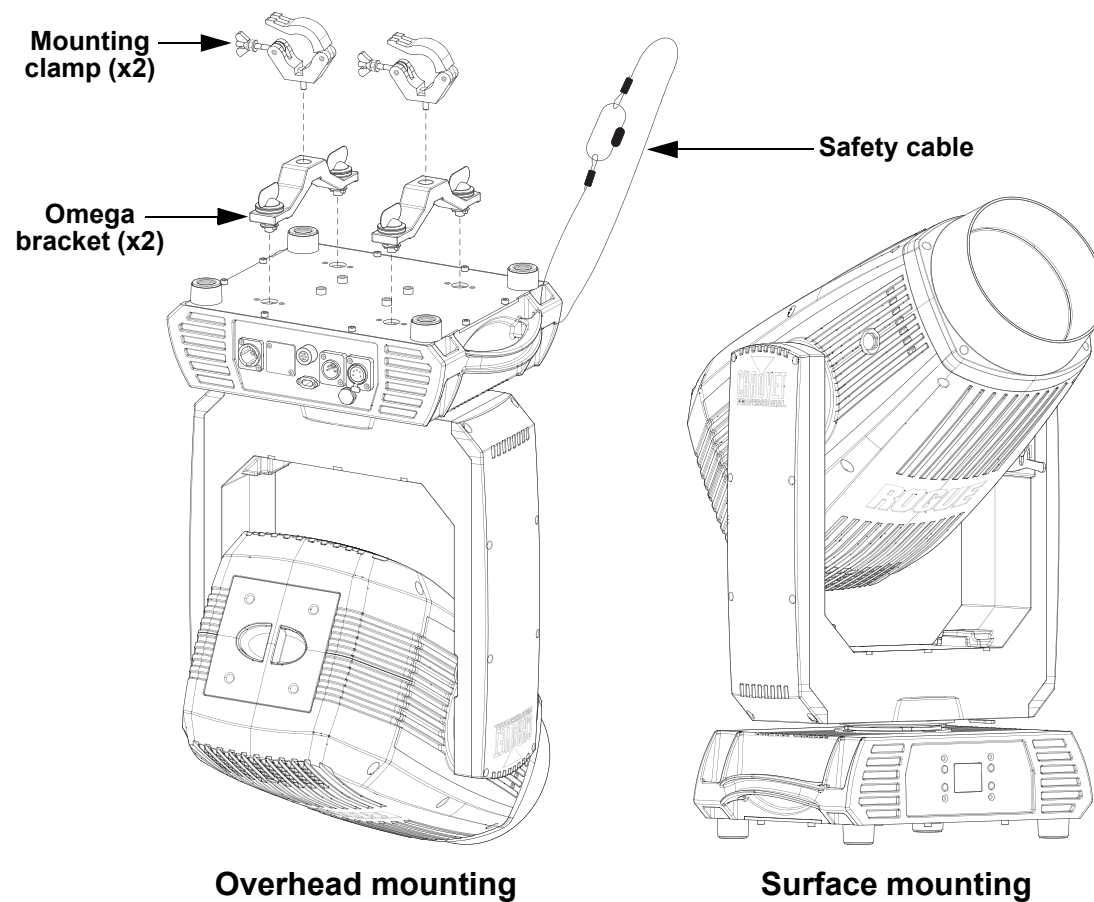
Chauvet recommends using the following general guidelines when mounting this product.

- 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.

### Procedure

The Rogue Outcast 2 Hybrid comes with 2 omega brackets to which mounting clamps (sold separately) can be directly attached. Make sure the clamps are capable of supporting the weight of this product. Use at least two mounting points per product. For the Chauvet Professional line of mounting clamps, go to <http://www.trusst.com/products>.

### Mounting Diagram



## Lamp Replacement

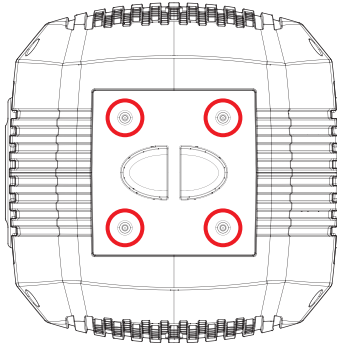
The Rogue Outcast 2 Hybrid is equipped with an USHIO NSL 400-W lamp. Follow the procedure below to safely change the lamp.



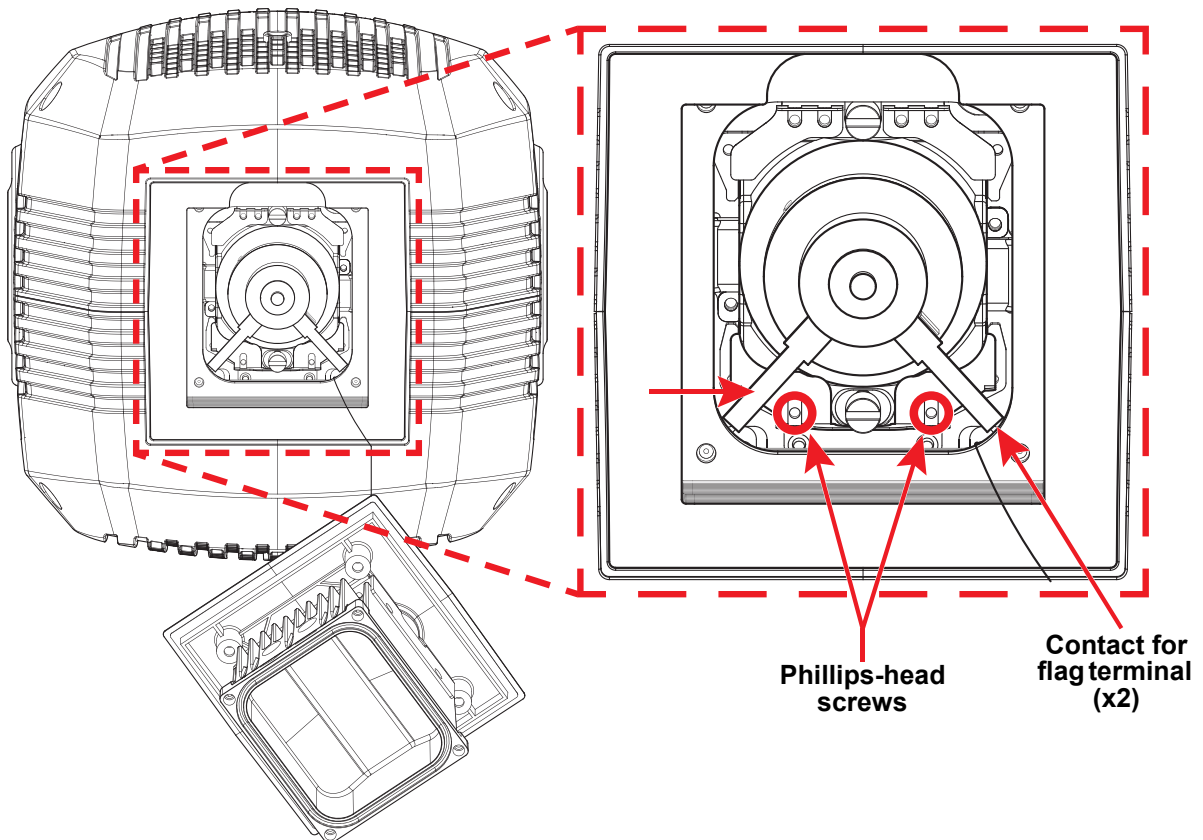
**Disconnect the product from power before performing this procedure.**

### Procedure

1. Turn the product off and disconnect it from power. Wait at least 15 minutes for the lamp to cool down.
2. Loosen the 4 indicated screws with a 4 mm hex key until the bottom plate can be removed.

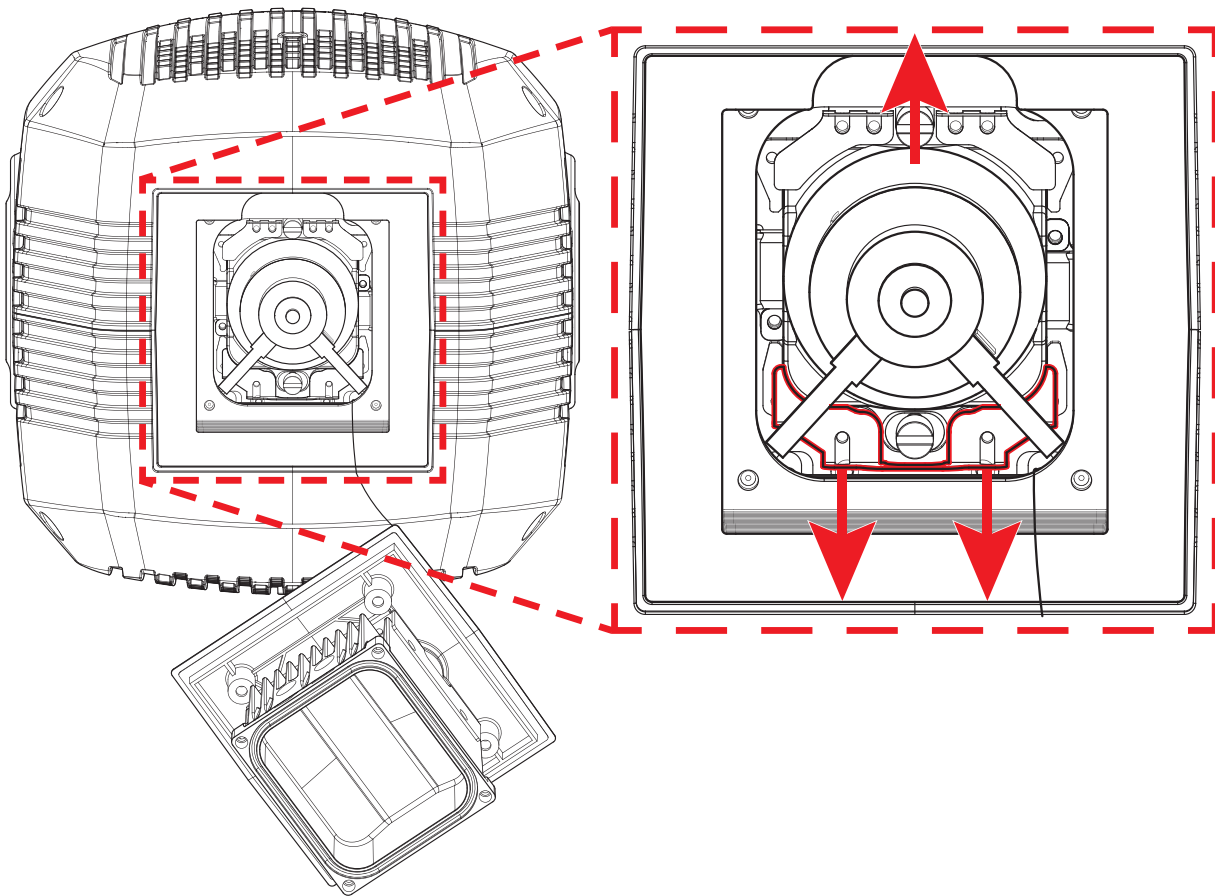


3. Carefully remove the bottom plate and heat sink and allow it to hang by the safety cord.
4. Remove the 2 wires connected to the lamp by the flag terminals.



5. Loosen the 2 indicated screws with a Phillips-head screwdriver.

- Using the lamp base, push the lamp away from the loosened plate.



- Slide the loosened plate away from the lamp.
- Roll the lamp out and pull it away.
- Reverse the steps above to install the new lamp. **DO NOT** touch the glass with bare hands!



**DO NOT turn the product on without a lamp!**

### Increasing Lamp Lifespan

- ALWAYS turn the lamp off by using the DMX controller or the product's control panel, then wait at least 5 minutes before switching off the product. This will keep the fans running to extract any remaining heat from the product's head.
- DO NOT power cycle the product unless it is necessary.
- DO NOT re-strike the lamp immediately after turning it off. It is recommended to wait 5 minutes before trying to re-strike the lamp.
- DO NOT touch the lamp without wearing gloves to avoid leaving grease on the bulb or on the contacts that could reduce the lamp's life.
- ALWAYS change the lamp when it has reached its recommended lifespan to avoid the risk of lamp explosion.

## 4. Operation

### Control Panel Description

| Button  | Function   |
|---------|--|
| <MENU>  | Exits from the current menu or function  |
| <ENTER> | Enables the currently displayed menu or sets the selected value into the selected function |
| <UP>    | Navigates upwards through the menu list or increases the value when in a function          |
| <DOWN>  | Navigates downwards through the menu list or decreases the value when in a function        |

### Menu Map

Refer to the Rogue Outcast 2 Hybrid product page on [www.chauvetprofessional.com](http://www.chauvetprofessional.com) for the latest menu map.

| Main Level              | Programming Levels    |                    | Description                 |  |
|-------------------------|-----------------------|--------------------|-----------------------------|--|
| <b>Address</b>          | <b>001–512</b>        |                    | Sets the starting address   |  |
| <b>Run Mode</b>         | <b>DMX</b>            | <b>20CH</b>        | Selects the DMX personality |  |
|                         |                       | <b>25CH</b>        |                             |  |
|                         | <b>Auto Test</b>      |                    | Auto test all functions     |  |
|                         | <b>Manual Test</b>    | <b>Pan</b>         | <b>0–255</b>                | Manually control and test all settings through the control panel |
|                         |                       | <b>Pan Fine</b>    |                             |  |
|                         |                       | <b>Tilt</b>        |                             |  |
|                         |                       | <b>Tilt Fine</b>   |                             |  |
|                         |                       | <b>P/T Speed</b>   |                             |  |
|                         |                       | <b>Dimmer</b>      |                             |  |
|                         |                       | <b>Dimmer Fine</b> |                             |  |
|                         |                       | <b>Shutter</b>     |                             |  |
|                         |                       | <b>Color</b>       |                             |  |
|                         |                       | <b>Gobo2</b>       |                             |  |
|                         |                       | <b>Gobo</b>        |                             |  |
|                         |                       | <b>Gobo Rot</b>    |                             |  |
|                         |                       | <b>Prism1</b>      |                             |  |
|                         |                       | <b>Prism1 Rot</b>  |                             |  |
|                         |                       | <b>Prism2</b>      |                             |  |
|                         |                       | <b>Prism2 Rot</b>  |                             |  |
|                         |                       | <b>Frost1</b>      |                             |  |
| <b>Beam Diffraction</b> |                       |                    |                             |  |
| <b>Focus</b>            |                       |                    |                             |  |
| <b>Focus Fine</b>       |                       |                    |                             |  |
| <b>Focus Auto</b>       |                       |                    |                             |  |
| <b>Zoom</b>             |                       |                    |                             |  |
| <b>Zoom Fine</b>        |                       |                    |                             |  |
| <b>Special Function</b> |                       |                    |                             |  |
| <b>Setup</b>            | <b>Pan Reverse</b>    | <b>NO</b>          | Normal pan                  |  |
|                         |                       | <b>YES</b>         | Reversed pan                |  |
|                         | <b>Tilt Reverse</b>   | <b>NO</b>          | Normal tilt                 |  |
|                         |                       | <b>YES</b>         | Reversed tilt               |  |
|                         | <b>Screen Reverse</b> | <b>NO</b>          | Normal screen display       |  |
|                         |                       | <b>YES</b>         | Inverted screen display     |  |

| Main Level          | Programming Levels    |                                   | Description  |   |
|---------------------|-----------------------|-----------------------------------|--|---|
| Setup<br>(cont.)    | Pan Angle             | 540                               | 540° pan range   |   |
|                     |                       | 360                               | 360° pan range   |   |
|                     |                       | 180                               | 180° pan range   |   |
|                     | Tilt Angle            | 260                               | 260° tilt range  |   |
|                     |                       | 180                               | 180° tilt range  |   |
|                     |                       | 090                               | 90° tilt range   |   |
|                     | BL.O.P/T Move         | NO                                | Enable/disable blackout while panning/<br>tilting                                      |   |
|                     |                       | YES                               |  |   |
|                     | BL.O.<br>ColorMove    | NO                                | Enable/disable blackout while color<br>wheel is moving                                 |   |
|                     |                       | YES                               |  |   |
|                     | BL.O.<br>GoboMove     | NO                                | Enable/disable blackout while gobo<br>wheels are moving                                |   |
|                     |                       | YES                               |  |   |
|                     | Lamp Settings         | On/Off                            | ON   | Turns lamp on/off   |
|                     |                       |                                   | OFF  |   |
|                     |                       | State/Power on                    | ON   | Defines the status of lamp when<br>powering up product    |
|                     |                       |                                   | OFF  |   |
|                     |                       | Off Via DMX                       | NO   | Turns off the unit via DMX controller                     |
|                     |                       |                                   | YES  |   |
|                     |                       | On If DMX On                      | NO   | Turns lamp on when DMX signal is<br>detected              |
|                     |                       |                                   | YES  |   |
|                     |                       | Off If DMX Off                    | NO   | Turns lamp off when DMX signal is lost                    |
|                     |                       |                                   | YES  |   |
|                     | Ignition Delay        | 000–255                           | Sets the delay duration between<br>product power on and lamp power on                  |   |
|                     | Low Power<br>Delay    | 000–255                           | Sets the delay duration when shutter is<br>closed and lamp enters lower power<br>state |   |
|                     | Reset Lamp<br>Time    | NO                                | Leaves lamp time unchanged   |   |
|                     |                       | YES                               | Resets lamp timer to 0   |   |
|                     | Maintenance<br>Timer  | Interval                          | 010–250  | Defines amount of hours between<br>maintenance            |
|                     |                       | Remain Time                       | RESET  | Shows maintenance timer. Select<br><b>RESET</b> to reset. |
|                     | NO                    |                                   |  |   |
|                     | Backlight<br>Timer    | 30S                               | Display turns off after 30 seconds   |   |
| 1M                  |                       | Display turns off after 1 minute  |  |   |
| 5M                  |                       | Display turns off after 5 minutes |  |   |
| ON                  |                       | Display stays on                  |  |   |
| USB Update          | NO                    | Update firmware via USB C         |  |   |
|                     | YES                   |                                   |  |   |
| Reset<br>Function   | Pan/Tilt              | NO<br>YES                         | Reset individual functions or all<br>functions from start-up                           |   |
|                     | Shutter/Prism         |                                   |  |   |
|                     | Color                 |                                   |  |   |
|                     | Gobo                  |                                   |  |   |
|                     | Zoom/ Frost/<br>Focus |                                   |  |   |
| All                 |                       |                                   |  |   |
| Factory<br>Settings | NO                    | Reset to factory default settings |  |   |
|                     | YES                   |                                   |  |   |

| Main Level | Programming Levels |       | Description                         |
|------------|--------------------|-------|-------------------------------------|
| Sys Info   | Ver                | V_    | Shows firmware version              |
|            | Running Mode       | ---   | Shows current running mode          |
|            | DMX Address        | ---   | Shows current DMX address           |
|            | Temperature        | ---   | Shows the product temperature in °C |
|            | Lamp On Time       | ----- | Shows lamp on time                  |
|            | Remaining Time     | ----- | Shows lamp maintenance time         |
|            | Fan1-4             | ----- | Shows speed of fans 1-4             |
|            | Power              | ---W  | Shows power consumption in watts    |
|            | Orientation        | ---   | Shows current orientation           |
|            | Fan5-10            | ----- | Shows speed of fans 5-10            |
|            | Base Fan1-2        | ----- | Shows speed of base fans 1-2        |
|            | BFAN1-5            | ----- | Shows speed of BFAN 1-5             |
|            | F-SP1              | ----- | Shows F-SP1                         |

## Configuration (DMX)

Use control configurations to operate the product with a DMX controller.

### Control Personalities

To set the control personality:

1. Go to the **Run Mode** main level.
2. Select the **DMX** option.
3. Select the desired personality from **20CH** or **25CH**.



- See the [Starting Address](#) section for the highest starting address you can select for each personality.
- Make sure that the starting addresses on the various products do not overlap due to the new personality setting.

### Starting Address

Each product will respond to a unique starting address from the controller. All products with the same starting address will respond in unison. To set the starting address:

1. Go to the **Address** main level.
2. Select the starting address (**001-512**).
  - The highest recommended starting address for **20CH** is **493**.
  - The highest recommended starting address for **25CH** is **48**.



## Control Channel Assignments and Values

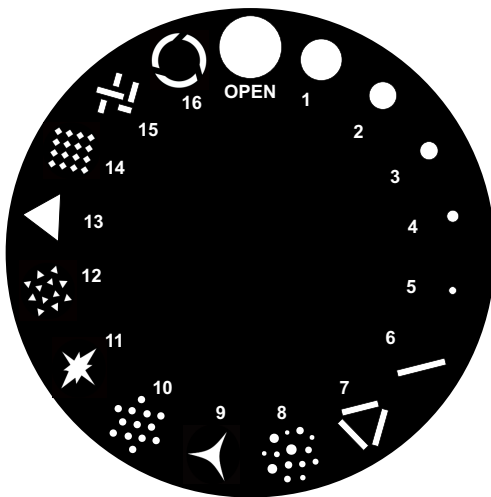
| 20CH      | 25CH                               | Function       | Value     | Percent/Setting                     |
|-----------|------------------------------------|----------------|-----------|-------------------------------------|
| 1         | 1                                  | Pan            | 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 | Fast to slow                        |
| 6         | 6                                  | Dimmer         | 000 ⇔ 255 | 0–100%                              |
| –         | 7                                  | Fine dimmer    | 000 ⇔ 255 | Fine control (16-bit)               |
| 7         | 8                                  | Shutter        | 000 ⇔ 007 | No function                         |
|           |                                    |                | 008 ⇔ 015 | Open                                |
|           |                                    |                | 016 ⇔ 131 | Synchronized strobe, slow to fast   |
|           |                                    |                | 132 ⇔ 167 | Fast close, slow open, slow to fast |
|           |                                    |                | 168 ⇔ 203 | Slow close, fast open, slow to fast |
|           |                                    |                | 204 ⇔ 239 | Pulse strobe, slow to fast          |
|           |                                    |                | 240 ⇔ 250 | Random strobe, slow to fast         |
| 251 ⇔ 255 | Open                               |                |           |                                     |
| 8         | 9                                  | Color wheel    | 000 ⇔ 001 | Open                                |
|           |                                    |                | 002 ⇔ 005 | Red                                 |
|           |                                    |                | 006 ⇔ 009 | Orange                              |
|           |                                    |                | 010 ⇔ 013 | Cyan                                |
|           |                                    |                | 014 ⇔ 017 | Light green                         |
|           |                                    |                | 018 ⇔ 021 | Light yellow                        |
|           |                                    |                | 022 ⇔ 025 | Green                               |
|           |                                    |                | 026 ⇔ 029 | Magenta                             |
|           |                                    |                | 030 ⇔ 033 | Dark blue                           |
|           |                                    |                | 034 ⇔ 037 | Dark yellow                         |
|           |                                    |                | 038 ⇔ 041 | Blue                                |
|           |                                    |                | 042 ⇔ 045 | CTO 5600K                           |
|           |                                    |                | 046 ⇔ 049 | CTO 6500K                           |
|           |                                    |                | 050 ⇔ 059 | UV                                  |
|           |                                    |                | 060 ⇔ 187 | Color wheel indexing                |
| 188 ⇔ 219 | Color scroll, fast to slow         |                |           |                                     |
| 220 ⇔ 223 | Stop                               |                |           |                                     |
| 224 ⇔ 255 | Reverse color scroll, slow to fast |                |           |                                     |

| 20CH      | 25CH                              | Function   | Value     | Percent/Setting               |
|-----------|-----------------------------------|--|-----------|-------------------------------|
| 9         | 10                                | Gobo wheel 1<br>(see <a href="#">Gobo Wheels</a> ) | 001 ⇔ 003 | Open                          |
|           |                                   |  | 004 ⇔ 006 | Gobo 1                        |
|           |                                   |  | 007 ⇔ 009 | Gobo 2                        |
|           |                                   |  | 010 ⇔ 012 | Gobo 3                        |
|           |                                   |  | 013 ⇔ 015 | Gobo 4                        |
|           |                                   |  | 016 ⇔ 018 | Gobo 5                        |
|           |                                   |  | 019 ⇔ 021 | Gobo 6                        |
|           |                                   |  | 022 ⇔ 024 | Gobo 7                        |
|           |                                   |  | 025 ⇔ 027 | Gobo 8                        |
|           |                                   |  | 028 ⇔ 030 | Gobo 9                        |
|           |                                   |  | 031 ⇔ 033 | Gobo 10                       |
|           |                                   |  | 034 ⇔ 036 | Gobo 11                       |
|           |                                   |  | 037 ⇔ 039 | Gobo 12                       |
|           |                                   |  | 040 ⇔ 042 | Gobo 13                       |
|           |                                   |  | 043 ⇔ 045 | Gobo 14                       |
|           |                                   |  | 046 ⇔ 048 | Gobo 15                       |
|           |                                   |  | 049 ⇔ 055 | Gobo 16                       |
|           |                                   |  | 056 ⇔ 059 | Open                          |
|           |                                   |  | 060 ⇔ 063 | Gobo 1 shaking, slow to fast  |
|           |                                   |  | 064 ⇔ 067 | Gobo 2 shaking, slow to fast  |
|           |                                   |  | 068 ⇔ 071 | Gobo 3 shaking, slow to fast  |
|           |                                   |  | 072 ⇔ 075 | Gobo 4 shaking, slow to fast  |
|           |                                   |  | 076 ⇔ 079 | Gobo 5 shaking, slow to fast  |
|           |                                   |  | 080 ⇔ 083 | Gobo 6 shaking, slow to fast  |
|           |                                   |  | 084 ⇔ 087 | Gobo 7 shaking, slow to fast  |
|           |                                   |  | 088 ⇔ 091 | Gobo 8 shaking, slow to fast  |
|           |                                   |  | 092 ⇔ 095 | Gobo 9 shaking, slow to fast  |
|           |                                   |  | 096 ⇔ 099 | Gobo 10 shaking, slow to fast |
|           |                                   |  | 100 ⇔ 103 | Gobo 11 shaking, slow to fast |
|           |                                   |  | 104 ⇔ 107 | Gobo 12 shaking, slow to fast |
|           |                                   |  | 108 ⇔ 111 | Gobo 13 shaking, slow to fast |
|           |                                   |  | 112 ⇔ 115 | Gobo 14 shaking, slow to fast |
|           |                                   |  | 116 ⇔ 119 | Gobo 15 shaking, slow to fast |
| 120 ⇔ 123 | Gobo 16 shaking, slow to fast     |  |           |                               |
| 124 ⇔ 127 | Open                              |  |           |                               |
| 128 ⇔ 189 | Gobo scroll, fast to slow         |  |           |                               |
| 190 ⇔ 193 | Stop                              |  |           |                               |
| 194 ⇔ 255 | Reverse gobo scroll, slow to fast |  |           |                               |

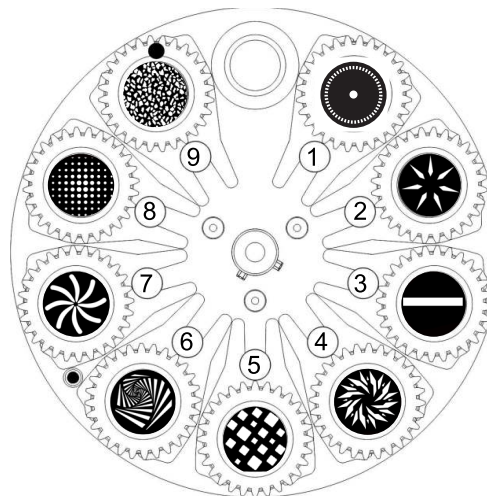
| 20CH      | 25CH                              | Function   | Value     | Percent/Setting                     |
|-----------|-----------------------------------|--|-----------|-------------------------------------|
| 10        | 11                                | Gobo wheel 2<br>(see <a href="#">Gobo Wheels</a> ) | 000       | Open                                |
|           |                                   |  | 001 ⇄ 005 | Open (aperture sets to Spot mode)   |
|           |                                   |  | 006 ⇄ 011 | Gobo 1                              |
|           |                                   |  | 012 ⇄ 017 | Gobo 2                              |
|           |                                   |  | 018 ⇄ 023 | Gobo 3                              |
|           |                                   |  | 024 ⇄ 029 | Gobo 4                              |
|           |                                   |  | 030 ⇄ 035 | Gobo 5                              |
|           |                                   |  | 036 ⇄ 041 | Gobo 6                              |
|           |                                   |  | 042 ⇄ 047 | Gobo 7                              |
|           |                                   |  | 048 ⇄ 053 | Gobo 8                              |
|           |                                   |  | 054 ⇄ 063 | Gobo 9                              |
|           |                                   |  | 064 ⇄ 069 | Gobo 1 shaking, slow to fast        |
|           |                                   |  | 070 ⇄ 075 | Gobo 2 shaking, slow to fast        |
|           |                                   |  | 076 ⇄ 081 | Gobo 3 shaking, slow to fast        |
|           |                                   |  | 082 ⇄ 087 | Gobo 4 shaking, slow to fast        |
|           |                                   |  | 088 ⇄ 093 | Gobo 5 shaking, slow to fast        |
|           |                                   |  | 094 ⇄ 099 | Gobo 6 shaking, slow to fast        |
|           |                                   |  | 100 ⇄ 105 | Gobo 7 shaking, slow to fast        |
|           |                                   |  | 106 ⇄ 111 | Gobo 8 shaking, slow to fast        |
| 112 ⇄ 117 | Gobo 9 shaking, slow to fast      |  |           |                                     |
| 118 ⇄ 127 | Open (aperture set to Spot mode)  |  |           |                                     |
| 128 ⇄ 191 | Gobo scroll, fast to slow         |  |           |                                     |
| 192 ⇄ 255 | Reverse gobo scroll, slow to fast |  |           |                                     |
| 11        | 12                                | Gobo wheel 2 rotate                                | 000 ⇄ 063 | Gobo index                          |
|           |                                   |  | 064 ⇄ 145 | Rotation, fast to slow              |
|           |                                   |  | 146 ⇄ 149 | Stop                                |
|           |                                   |  | 150 ⇄ 231 | Reverse rotation, slow to fast      |
|           |                                   |  | 232 ⇄ 255 | Alternating rotation, short to long |
| -         | 13                                | Fine gobo rotation                                 | 000 ⇄ 255 | Fine control (16-bit)               |
| 12        | 14                                | Prism 1  | 000 ⇄ 004 | No function                         |
|           |                                   |  | 005 ⇄ 255 | Prism insert                        |
| 13        | 15                                | Prism 1 rotate                                     | 000 ⇄ 127 | Prism index                         |
|           |                                   |  | 128 ⇄ 189 | Rotation, fast to slow              |
|           |                                   |  | 190 ⇄ 193 | Stop                                |
|           |                                   |  | 194 ⇄ 255 | Reverse rotation, slow to fast      |
| 14        | 16                                | Prism 2  | 000 ⇄ 004 | No function                         |
|           |                                   |  | 005 ⇄ 255 | Prism insert                        |
| 15        | 17                                | Prism 2 rotate                                     | 000 ⇄ 127 | Prism index                         |
|           |                                   |  | 128 ⇄ 189 | Rotation, fast to slow              |
|           |                                   |  | 190 ⇄ 193 | Stop                                |
|           |                                   |  | 194 ⇄ 255 | Reverse rotation, slow to fast      |
| 16        | 18                                | Frost  | 000 ⇄ 004 | No function                         |
|           |                                   |  | 005 ⇄ 255 | 0–100%                              |
| 17        | 19                                | Beam diffraction                                   | 000 ⇄ 003 | No function                         |
|           |                                   |  | 004 ⇄ 255 | On                                  |
| 18        | 20                                | Focus  | 000 ⇄ 255 | 0–100%                              |
| -         | 21                                | Fine focus   | 000 ⇄ 255 | Fine control (16-bit)               |

| 20CH | 25CH | Function                   | Value   | Percent/Setting  |
|------|------|----------------------------|---|--|
| -    | 22   | Auto focus                 | 000 ⇄ 010<br>011 ⇄ 255  | No function<br>Auto detect distance  |
| 19   | 23   | Zoom                       | 000 ⇄ 255   | 0–100%   |
| -    | 24   | Zoom fine                  | 000 ⇄ 255   | Fine control (16-bit)  |
| 20   | 25   | Control<br>(3 second hold) | 000 ⇄ 069<br>070 ⇄ 079<br>080 ⇄ 089<br>090 ⇄ 099<br>100 ⇄ 109<br>110 ⇄ 119<br>120 ⇄ 129<br>130 ⇄ 139<br>140 ⇄ 149<br>150 ⇄ 159<br>160 ⇄ 169<br>170 ⇄ 179<br>180 ⇄ 189<br>190 ⇄ 199<br>200 ⇄ 209<br>210 ⇄ 219<br>220 ⇄ 229<br>230 ⇄ 239<br>240 ⇄ 255 | No function<br>Blackout during pan/tilt<br>Disable pan/tilt blackout<br>Blackout while color wheel is moving<br>Disable color wheel blackout<br>Blackout while gobo wheels are moving<br>Disable gobo wheel blackout<br>Lamp on<br>Pan/tilt reset<br>Color wheel reset<br>Gobo wheel reset<br>Shutter/prism reset<br>No function<br>Frost/focus/zoom reset<br>All reset<br>Blackout all function during pan/tilt<br>Disable blackout all function during pan/tilt<br>Lamp off<br>No function |

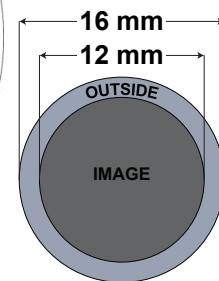
**Gobo Wheels**



**Gobo wheel 1**



**Gobo wheel 2**



**Gobo 2 dimensions**

## Operation

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### Configuration (Settings)

#### Pan Reverse

To set the orientation of the pan:

1. Go to the **Setup** main level.
2. Select the **Pan Reverse** option.
3. Select from **NO** (normal pan motion), or **YES** (reversed pan motion).

#### Tilt Reverse

To set the orientation of the tilt:

1. Go to the **Setup** main level.
2. Select the **Tilt Reverse** option.
3. Select from **NO** (normal tilt motion), or **YES** (reversed tilt motion).

#### Screen Reverse

To set the orientation of the display:

1. Go to the **Setup** main level.
2. Select the **Screen Reverse** option.
3. Select from **NO** (right-side up), **YES** (upside-down), or **AUTO** (automatic orientation).

#### Pan Angle

To set the maximum angle of the pan:

1. Go to the **Setup** main level.
2. Select the **Pan Angle** option.
3. Select from **540** (540°), **360** (360°), or **180** (180°).

#### Tilt Angle

To set the maximum angle of the tilt:

1. Go to the **Setup** main level.
2. Select the **Tilt Angle** option.
3. Select from **260** (260°), **180** (180°), or **90** (90°).

#### Black Out on Movement

To set the product to black out on movement of the pan/tilt, color wheel, and/or gobo wheels.

1. Go to the **Setup** main level.
2. Select from **BL.O.P/T Move** (pan/tilt), **BL.O. ColorMove** (color wheel), or **BL.O. GoboMove** (gobo wheels).
3. Select from **NO** (do not black out during the selected movement), or **YES** (black out during the selected movement).

#### Lamp Settings

To access the lamp settings of the Rogue Outcast 2 Hybrid:

1. Go to the **Setup** main level.
2. Select the **Lamp Settings** option.

#### Lamp On/Off

To turn the lamp on or off:

1. Access the [Lamp Settings](#).
2. Select the **On/Off** option.
3. Select from **ON** or **OFF**.

#### Lamp State at Power On

To select whether the lamp will turn on when the product powers on:

1. Access the [Lamp Settings](#).
2. Select the **State/Power on** option.
3. Select from **ON** (lamp will turn on when the product powers on), or **OFF** (lamp must be turned on manually).

### Off Via DMX

To enable the ability to turn the lamp off with a DMX controller:

1. Access the [Lamp Settings](#).
2. Select the **Off Via DMX** option.
3. Select from **NO** (DMX may not turn lamp off), or **YES** (DMX may turn lamp off).

### On If DMX On

To set the lamp to turn on when a DMX signal is detected:

1. Access the [Lamp Settings](#).
2. Select the **On If DMX On** option.
3. Select from **NO** (detecting a DMX signal will not turn on the lamp), or **YES** (detecting a DMX signal will turn on the lamp).

### Off If DMX Off

To set the lamp to turn off when a DMX signal is not detected:

1. Access the [Lamp Settings](#).
2. Select the **Off If DMX Off** option.
3. Select from **NO** (detecting no DMX signal will not turn off the lamp), or **YES** (detecting no DMX signal will turn off the lamp).

### Ignition Delay

To set the time in seconds between the product powering on and the lamp turning on (when **State/Power On** is set to **ON**):

1. Access the [Lamp Settings](#).
2. Select the **Ignition Delay** option.
3. Set the delay time from **0–255** (seconds).

### Low Power Delay

To set the time in seconds before the lamp enters low power mode with the shutter closed:

1. Access the [Lamp Settings](#).
2. Select the **Low Power Delay** option.
3. Set the delay time from **0–255** (seconds).

### Reset Lamp On Time

To reset the Lamp On Time counter (see the [System Information](#)):

1. Access the [Lamp Settings](#).
2. Select the **Reset Lamp Time** option.
3. Select from **NO** (will not reset counter), or **YES** (resets counter).

### Maintenance Timer Interval

To set the interval of the maintenance timer (how long before the product signals it needs maintenance):

1. Go to the **Setup** main level.
2. Select the **Maintenance Timer** option.
3. Select the **Interval** option.
4. Set the interval time from **010–250** (hours).

### Reset Maintenance Timer

To reset the maintenance timer:

1. Go to the **Setup** main level.
2. Select the **Maintenance Timer** option.
3. Select the **Remain Time** option. The time remaining will display (it is also visible in the [System Information](#)).
4. Select from **RESET** (will reset the timer), or **NO** (will not reset the timer).

### Display Backlight Timer

To set how long before an inactive display will turn off:

1. Go to the **Setup** main level.
2. Select the **Backlight Timer** option.
3. Select the length of the backlight timer, from **30S** (30 seconds), **1M** (1 minute), **5M** (5 minutes), or **ON** (always on).

## Operation

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### USB Update

To enable or disable software update using USB:

1. Go to the **Setup** main level.
2. Select the **USB Update** option.
3. Select **NO** (disables software update through USB) or **YES** (enables software update through USB).



See the [USB Software Update](#) section for the detailed instructions on how to update the Rogue Outcast 2 Hybrid software using a USB C connection.

### Reset Function

To reset specific functions or the entire product:

1. Go to the **Setup** main level.
2. Select the **Reset Function** option.
3. Select the functions to reset, from **Pan/Tilt, Shutter/Prism, Color, Gobo, Zoom/Frost/Focus, or All**.
4. Select **NO** (to cancel) or **YES** (to reset the selected functions).

### Factory Reset

To reset the product to factory settings:

1. Go to the **Setup** main level.
2. Select the **Factory Settings** option.
3. Select **NO** (to cancel) or **YES** (to reset the product configuration).

### Test Mode

#### Auto Test

To have the Rogue Outcast 2 Hybrid automatically test all functions one after the other:

1. Go to the **Run Mode** main level.
2. Select the **Auto Test** option.

#### Manual Test

To manually test an individual function of the Rogue Outcast 2 Hybrid:

1. Go to the **Run Mode** main level.
2. Select the **Manual Test** option.
3. Select a function to test, from **Pan, Pan Fine, Tilt, Tilt Fine, P/T Speed, Dimmer, Dimmer Fine, Shutter, Color, Gobo2, Gobo, Gobo Rot, Prism1, Prism1 Rot, Prism2, Prism2 Rot, Frost1, Beam Diffraction, Focus, Focus Fine, Focus Auto, Zoom, Zoom Fine, or Special Function**.
4. Increase or decrease the value of the selected function from **000–255** to test it.

### System Information

The information section of the menu displays statistics and the current status of the product's various functions. To view this information:

1. Go to the **Sys Info** main level.
2. Use **<UP>** and **<DOWN>** to view all information.

### Offset Mode (Zero Adjust)

The Offset mode provides fine adjustments for the home position of the pan, tilt, and zoom movements. To adjust these options:

1. From the main level screen, press and hold **<MENU>** until the passcode screen appears.
2. Use **<UP>** (increase value) and **<DOWN>** (next value) to enter the passcode: **2323** and press **<ENTER>**.
3. Select the “zero” position to adjust, from **PAN, TILT, SHUT1, SHUT2, COLOR, GOBO2, GOBO, GOBO ROT, FOCUS GOBO, FOCUS GOBO2, ZOOM, PRISM1, PRISM1 ROT, PRISM2, PRISM2 ROT, IRIS, FROST1, Beam Diffraction, RDM4, RDM5, or RDM6**.
4. Adjust the “zero” position for the selected function from **000–255**.

## Gobo Replacement

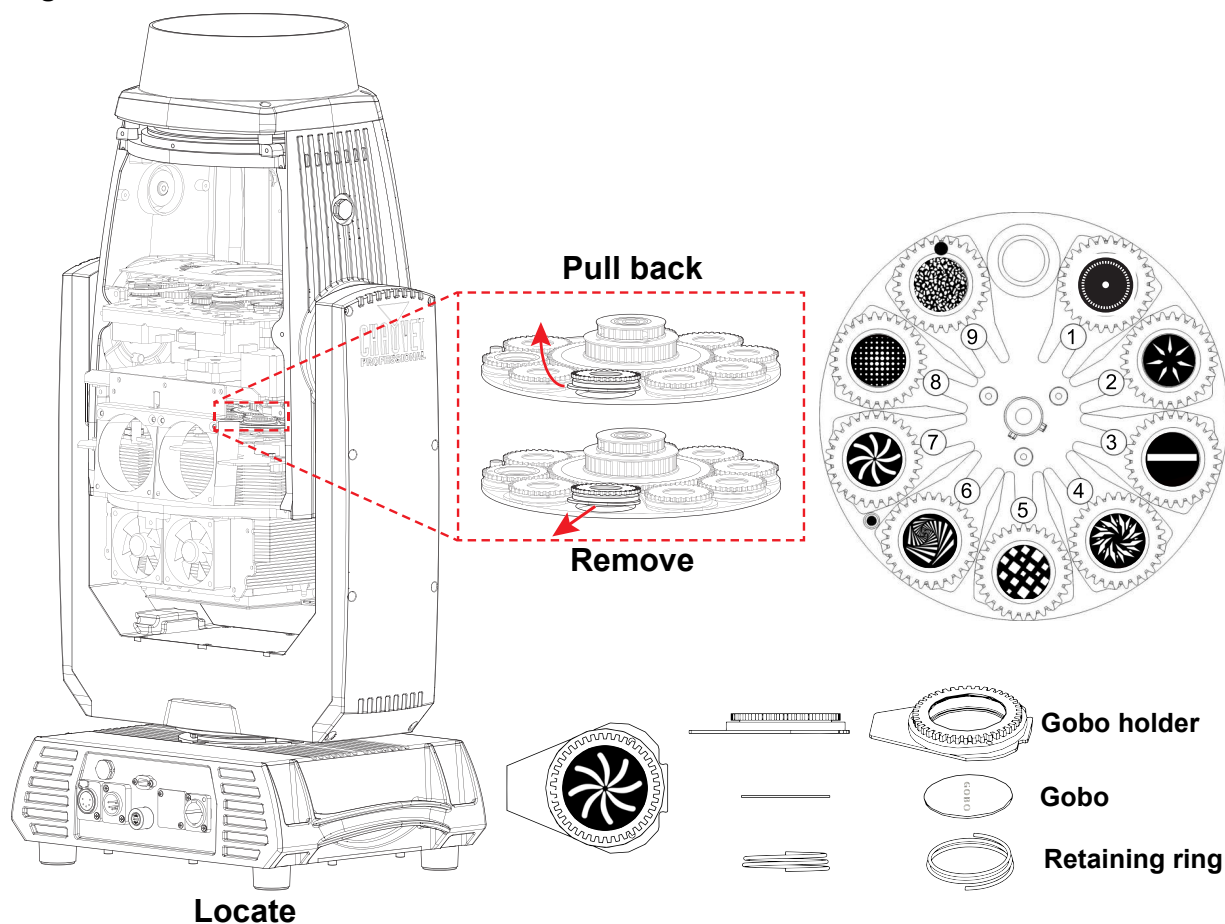
The gobos in gobo wheel 1 are removable from their gobo holders. This operation requires a technician to carefully follow the recommended procedure.

- **Make sure to disconnect the product's power cord before replacing a gobo.**
- **Always replace a gobo with a gobo of the same dimensions.**
- **When inserting a glass gobo, always make sure that the shiny side of the gobo (glass base) faces the LED. This provides a layer of protection against the high temperature from the light source.**

### Procedure

1. Turn the product off and disconnect it from the power outlet.
2. Open the head cover by loosening the screws on the top cover.
3. Separate the gobo holder away from the gobo wheel by pushing it toward the front of the moving head. Be careful not to push the gobo out of the gobo holder.
4. Extract the gobo holder by pulling it outward.
5. On a flat surface, remove the expansion ring that holds the gobo in place and remove the gobo from the gobo holder.
6. Insert a new gobo and hold it in place with the expansion ring.
7. Slide the tip of the gobo holder under the pressure plate near the center of the gobo wheel.
8. Push the gobo holder inwards. **DO NOT** force the gobo holder into the gobo wheel slot. If correctly installed, the gobo holder should easily slide into the gobo wheel slot.

### Diagram





### Torque Measurements

- Screws inside feet – 15.2 Kgf.cm, 13.2 lgb.in
- Base screws around outside (not the feet) – 16.3 Kgf.cm, 14.1 lgb.in
- Base screws in middle – 35.7 Kgf.cm, 31 lgb.in
- Omega bracket holder – 12.2 Kgf.cm, 10.6 lgb.in
- Screws around display – 9.1 Kgf.cm, 8 lgb.in
- Screws around power and data ports – 3.5 Kgf.cm, 3 lgb.in
- Fuse – 7.1 Kgf.cm, 6.1 lgb.in
- Center of yoke plate – 15.2 Kgf.cm, 13.2 lgb.in
- Lamp housing – 15.2 Kgf.cm, 13.2 lgb.in
- Arm cover screws – 18.3 Kgf.cm, 16 lgb.in
- Allen Key screws holding in front lens cover – 18.3 Kgf.cm, 16 lgb.in
- Allen Key screws head covers – 18.3 Kgf.cm, 16 lgb.in

### Pressure Test Measurements

- Method: Positive
- Test Pressure (kPa): 2.18
- Test Duration (seconds): 60
- PASS State leak pressure (kPa): <0.02

## 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.**



**Do not spin the cooling fans with compressed air. Damage may result.**

## Technical Specifications

### 6. Technical Specifications

#### Dimensions and Weight

| Length            | Width             | Height            | Weight            |
|-------------------|-------------------|-------------------|-------------------|
| 14.41 in (366 mm) | 10.04 in (255 mm) | 27.76 in (705 mm) | 54.4 lb (24.7 kg) |

**Note:** Dimensions in inches are rounded.

#### 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, 50 Hz |
|-------------------|--------------|--------------|--------------|--------------|--------------|
| Consumption       | 600 W        | 581 W        | 565 W        | 568 W        | 568 W        |
| Operating Current | 6.04A        | 4.95 A       | 2.76 A       | 2.53 A       | 2.44 A       |
| Fuse/Breaker      | 10 A, 250 V  | 10 A, 250 V  | 10 A, 250 V  | 10 A, 250 V  | 10 A, 250 V  |

| Power I/O             | U.S./Worldwide          | UK/Europe               |
|-----------------------|-------------------------|-------------------------|
| Power Input Connector | Seetronic Powerkon IP65 | Seetronic Powerkon IP65 |
| Power Cable plug      | Bare wire               | Bare wire               |

#### Light Source

| Type           | Color  | Quantity | Power | Lifespan    |
|----------------|--------|----------|-------|-------------|
| Ushio NSL Lamp | 8000 K | 1        | 400 W | 6,000 hours |

#### Photometrics

| Mode      | Beam Angle    | Field Angle   | Cutoff Angle   | Zoom Angle    |
|-----------|---------------|---------------|----------------|---------------|
| Spot mode | 1.4° to 14.5° | 2.8° to 30°   | 3.5° to 37.2°  | 1.4° to 37.2° |
| Beam mode | 0.9° to 6.7°  | 1.7° to 18.1° | 2.1° to 20.7°  | 0.9° to 20.7° |
| Wash mode | 5.4° to 32.1° | 9.5° to 39.4° | 11.9° to 41.7° | 5.4° to 41.7° |

| Mode      | Illuminance @ 5 m (Narrow) | Illuminance @ 5 m (Wide) |
|-----------|----------------------------|--------------------------|
| Spot mode | 1.4°: 790/297 lux          | 37.2°: 6,787 lux         |
| Beam mode | 0.9°: 180,594 lux          | 20.7°: 2,158 lux         |
| Wash mode | 9.1°: 30,289 lux           | 41.7°: 1,309 lux         |

#### Thermal

| Maximum External Temperature | Cooling System          |
|------------------------------|-------------------------|
| 113 °F (45 °C)               | Fan-assisted Convection |

#### DMX

| I/O Connector | Channel Range |
|---------------|---------------|
| 5-pin XLR     | 20 or 25      |

#### Ordering

| Product Name           | Item Name           | Item Code | UPC Number   |
|------------------------|---------------------|-----------|--------------|
| Rogue Outcast 2 Hybrid | ROGUEOUTCAST2HYBRID | 08011974  | 781462223229 |



## 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.

To submit a service request online, go to [www.chauvetprofessional.com/service-request](http://www.chauvetprofessional.com/service-request).

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.**

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).**

## Contact Us

| General Information  | Technical Support  |
|--|--|
| <b>Chauvet World Headquarters</b>  |  |
| Address: 5200 NW 108th Ave.<br>Sunrise, FL 33351<br>Voice: (954) 577-4455<br>Fax: (954) 929-5560<br>Toll Free: (800) 762-1084                          | Voice: (844) 393-7575<br>Fax: (954) 756-8015<br>Email: <a href="mailto:chauvetcs@chauvetlighting.com">chauvetcs@chauvetlighting.com</a><br>Website: <a href="http://www.chauvetprofessional.com">www.chauvetprofessional.com</a> |
| <b>Chauvet U.K.</b>  |  |
| Address: Unit 1C<br>Brookhill Road Industrial Estate<br>Pinxton, Nottingham, UK<br>NG16 6NT<br>Voice: +44 (0) 1773 511115<br>Fax: +44 (0) 1773 511110  | Email: <a href="mailto:UKtech@chauvetlighting.eu">UKtech@chauvetlighting.eu</a><br>Website: <a href="http://www.chauvetprofessional.eu">www.chauvetprofessional.eu</a>   |
| <b>Chauvet Benelux</b>   |  |
| Address: Stokstraat 18<br>9770 Kruishoutem<br>Belgium<br>Voice: +32 9 388 93 97  | Email: <a href="mailto:BNLtech@chauvetlighting.eu">BNLtech@chauvetlighting.eu</a><br>Website: <a href="http://www.chauvetprofessional.eu">www.chauvetprofessional.eu</a>   |
| <b>Chauvet France</b>  |  |
| Address: 3, Rue Ampère<br>91380 Chilly-Mazarin<br>France<br>Voice: +33 1 78 85 33 59   | Email: <a href="mailto:FRtech@chauvetlighting.fr">FRtech@chauvetlighting.fr</a><br>Website: <a href="http://www.chauvetprofessional.eu">www.chauvetprofessional.eu</a>   |
| <b>Chauvet Germany</b>   |  |
| Address: Bruno-Bürgel-Str. 11<br>28759 Bremen<br>Germany<br>Voice: +49 421 62 60 20  | Email: <a href="mailto:DEtech@chauvetlighting.de">DEtech@chauvetlighting.de</a><br>Website: <a href="http://www.chauvetprofessional.eu">www.chauvetprofessional.eu</a>   |
| <b>Chauvet Mexico</b>  |  |
| Address: Av. de las Partidas 34 - 3B<br>(Entrance by Calle 2)<br>Zona Industrial Lerma<br>Lerma, Edo. de México, CP 52000<br>Voice: +52 (728) 690-2010 | Email: <a href="mailto:servicio@chauvet.com.mx">servicio@chauvet.com.mx</a><br>Website: <a href="http://www.chauvetprofessional.mx">www.chauvetprofessional.mx</a>   |

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