# **USER MANUAL**









### **Edition Notes**

The Ovation Rêve E-3 User Manual includes a description, safety precautions, installation, programming, operation and maintenance instructions for the Ovation Rêve E-3.

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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 Ovation Rêve E-3 User Manual is the 2<sup>nd</sup> edition of this document. Go to www.chauvetprofessional.com for the latest version.



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# 1. Before You Begin

### What Is Included

- Ovation Rêve E-3
- Seetronic Powerkon IP65 power cord
- · Ovation metal gobo holder

- · Soft focus filter
- 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 customer's 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></set> | A button on the product's control panel         |
| Settings    | A product function or a menu option             |

### **Symbols**

| Symbol     | Meaning   |
|------------|---|
| 4          | Electrical warning. Not following these instructions may cause electrical damage to the product, accessories, or the user.  |
| <u></u>    | 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. |
| <b>(i)</b> | Important installation or configuration information. The product may not function correctly if this information is not used.  |
|            | Useful information.   |



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
- 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.

# RF Exposure Warning for North America and Australia

Warning! This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



### 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.
- 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

- This product is for indoor use only! Do not operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it (IP20).
- Do not leave any flammable material within 50 cm of this product while operating or connected to
- 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.
- When hanging this product, always secure to a fastening device using a safety cable.
- Use only the hanging/mounting bracket to carry this product.

#### Power and Wiring

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

# Operation

- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 10 ft (3 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.
- 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 °Č). 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.

# **Expected LED Lifespan**

Over time, use and heat will gradually 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.



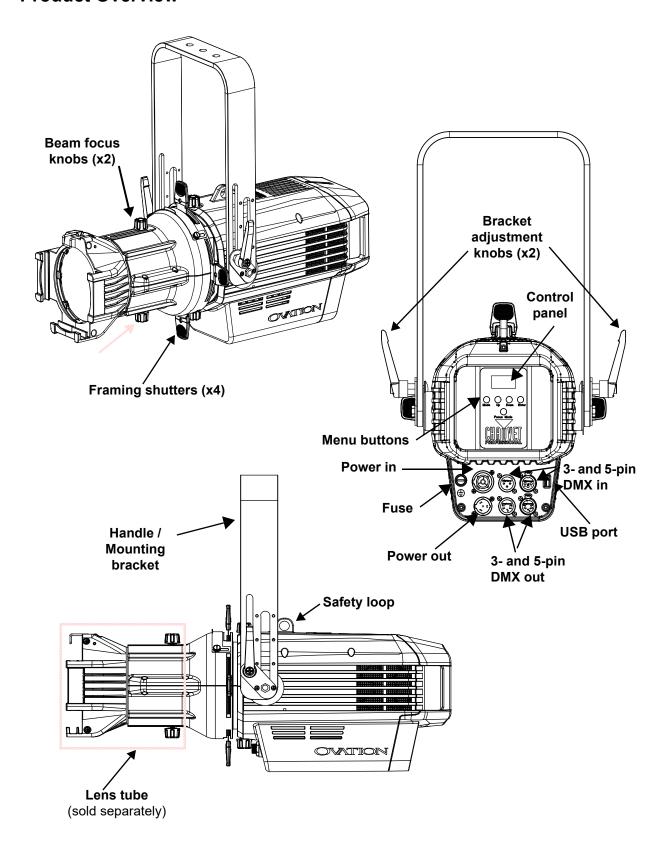
# 2. Introduction

#### **Features**

- · Operating modes:
  - HSV: hue, saturation, value control, gobo rotator
  - 1-channel: dimmer
  - 5-channel: dimmer, virtual color wheel (VCW), color temperature, hue, gobo rotator
  - 6-channel: red, green, blue, amber, mint (RGBAM) control, gobo rotator
  - 8-channel: dimmer, RGBAM control, strobe, gobo rotator
  - 12-channel: 16-bit dimmer, RGBAM control, strobe, VCW, color temperature, hue, gobo rotator
  - 14-channel: dimmer, RGBAM control, strobe, VCW, color temperature, hue, auto programs, auto speed, control, gobo rotator
  - 14-channel: 16-bit dimmer, 16-bit RGBAM control, strobe, gobo rotator
  - 18-channel: 16-bit RGBAM and dimmer, strobe, VCW, color temperature, hue, control, gobo rotator
- Full-spectrum LED ERS-style lighting fixture for theatre, film and production
- Linear color temperature presets from 2800 K to 8000 K with high CRI and CQS
- Virtual color wheel with color matched to popular gel colors
- +/- Green adjustment and emulated red-shift via DMX or on-board control
- · RDM (Remote Device Management) for added flexibility
- Adjustable PWM (Pulse Width Modulation) to avoid flickering on camera
- Virtually silent operation for use in studio, film and theatre applications
- Ultra-smooth 16-bit dimming curves and speeds to complement any lighting scheme.
- · Innovative adjustable yoke for mounting in low clearance areas
- · Direct power/data connection and control options for the Ovation GR-1 gobo rotator
- USB port for fixture software updates

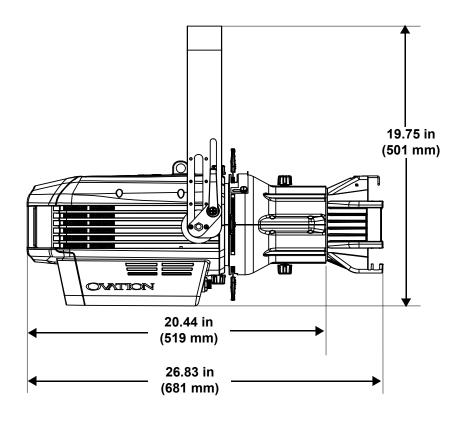


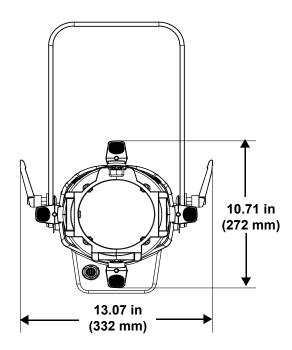
# **Product Overview**





# **Product Dimensions**







# 3. Setup

### **AC Power**

Each Ovation Rêve E-3 has an auto-ranging power supply that works with an input voltage range of 100 to 240 V~, 50/60 Hz. To determine the power requirements for each Ovation Rêve E-3, refer to the label affixed to the product or to the <u>Technical Specifications</u> 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: <a href="https://www.chauvetprofessional.com">www.chauvetprofessional.com</a>.



- 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 Ovation Rêve E-3 comes with a power input cord terminated with a Seetronic Powerkon IP65 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 (U.S.) Wire (Europe) |                 |
|------------|--------------|---------------------------|-----------------|
| AC Live    | Black        | Brown                     | Yellow or Brass |
| AC Neutral | White        | Blue                      | Silver          |
| AC Ground  | Green/Yellow | Green/Yellow              | Green           |

#### **Power Linking**

The product supports power linking. It is possible to link up to 3 Ovation Rêve E-3 products at 100 V, 4 products at 120 V, 7 products at 208 V, or 8 products at 230/240 V. This product comes with a power input cord. Power-linking cables are available for purchase from Chauvet.

#### **Fuse Replacement**

- 1. Disconnect this product from the power outlet.
- 2. Using a Phillips-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 (T 6.3 A, 250 V).
- 4. Screw the fuse holder cap back in place and reconnect power.



Make sure to disconnect the product's power cord before replacing a blown fuse. Always replace the blown fuse with another of the same type and rating.

# DMX Linking

The Ovation Rêve E-3 can be linked to a DMX controller using a 3- and 5-pin DMX connection. If using other DMX-compatible products with this product, it is possible to control each individually with a single DMX controller.

#### **DMX Personalities**

The Ovation Rêve E-3 uses a 3- and 5-pin DMX data connection for the 1Ch, 5Ch, 6Ch, 8Ch, 12Ch, 14Ch1, 14Ch2, 18Ch, and HSV DMX personalities.

- Refer to the Introduction for a brief description of each DMX personality.
- Refer to the <u>Operation</u> chapter to learn how to configure the Ovation Rêve E-3 to work in these personalities.
- The DMX Values section provides detailed information regarding the DMX personalities.



For 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: <a href="www.chauvetprofessional.com">www.chauvetprofessional.com</a>.

#### Remote Device Management

Remote Device Management, or RDM, is a standard for allowing DMX-enabled devices to communicate bi-directionally along existing DMX cabling. Check with the manufacturer or the DMX controller's User Manual, as not all DMX controllers have this capability. The Ovation Rêve E-3 supports RDM protocol that allows feedback to make changes to menu map options.



### **Master/Slave Connectivity**

The Master/Slave mode allows an Ovation Rêve E-3 (the master) to control one or more Ovation Rêve E-3 products (the slaves) without a DMX controller. Once Ovation Rêve E-3 becomes the master when running an auto or custom program, or in Static mode.

Each slave's control panel must be configured to operate in Slave mode. During Master/Slave operation, the slaves will operate in unison with the master.



DO NOT connect a DMX controller to products operating in Master/Slave mode. The DMX controller signals may interfere with the signals from the master.



- The Operation section of this manual provides detailed instructions on how to configure the master and slaves.
- For more information about DMX standards or the DMX cables needed to link this
  product to a DMX controller, download the DMX primer from the Chauvet website:
  www.chauvetprofessional.com.

### Mounting

Before mounting the product, read and follow the safety recommendations indicated in the <u>Safety Notes</u>. For CHAUVET Professional line of mounting clamps, go to: <a href="http://trusst.com/products/">http://trusst.com/products/</a>.

#### Orientation

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

#### Rigging

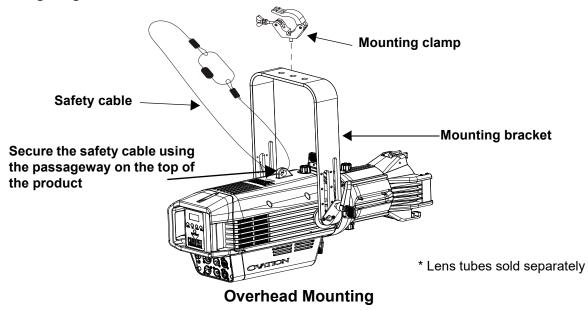
Chauvet recommends using the following general guidelines when mounting this product:

- 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 the product will be mounted can support the product's weight. See the <u>Technical Specifications</u> 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 Ovation Rêve E-3 comes with a double-bracketed yoke that can be used as a floor stand or to which mounting clamps can be attached for hanging. Mounting clamps must be purchased separately. Ensure that the clamps can support the weight of this product. Use at least one mounting point per product where necessary.

#### **Mounting Diagram**

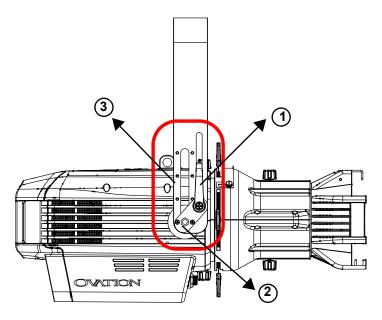




#### Adjustable Yoke

The Ovation Rêve E-3 comes with an adjustable yoke for mounting in low-clearance areas. To modify the height of the yoke, do the following:

- Loosen the bracket adjustment knobs on both sides of the fixture.
- 2. On each side of the fixture, remove the two screws and loosen the bolt attaching the plate to the mounting bracket.
- 3. Using the screw holes as guide, adjust the position of the mounting bracket to achieve the desired height of the yoke.
- 4. Put the screws back in place, and tighten the bolts and the bracket adjustment knobs.



### **USB Software Update**

The Ovation Rêve E-3 allows for software update through USB using the built-in USB port. To update the software using USB flash drive, do the following:

- 1. Power on the fixture 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 Main Menu (Update Firmware) and select from Only This Unit, Multiple Units, or Other Fixture Type. A list of the software update files will be displayed.
- 3. Select the file that needs to be uploaded. The message "Are you sure?" will be displayed. Press <ENTER>.
- If the selected file is correct, the upgrade will be completed. Restart the fixture.
  - If the selected file is incorrect, the upgrade will fail, and the display will go back to the main interface. Repeat steps 1-3 using the correct file.



The .chl format file needs to be placed in the OVATION folder in the USB flash drive.



The "Other Fixture Type" option can only be selected for connected products compatible with the Upload 03 (the first 2 digits of the item code must be 03).

#### Lens Tubes

The following lens tubes are available for purchase:

- 19°, 26°, 36°, and 50° with gel frame (6.25 in/159 mm accessories) 5° gel frame (14 in/356 mm)
- 10° gel frame (12 in/304 mm)
- 14°, 15–30° and 25°–50° zoom gel frame (7.5 in/191 mm accessories)



# 4. Operation

# **Control Panel Operation**

| Button          | Function   |
|-----------------|--|
| <menu></menu>   | Exits from the current menu or function  |
| <enter></enter> | Enables the currently displayed menu or sets the currently selected value in to the current function |
| <up></up>       | Navigates upward through the menu list or increases the numeric value when in a function             |
| <down></down>   | Navigates downward through the menu list or decreases the numeric value when in a function           |

### **Control Options**

Set the Ovation Rêve E-3 starting address in the 001-512 DMX range. This enables control of up to 8 products in the 17-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 show 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. This will show either the first option if
  there is another programming level, or the selected value.
- Press <MENU> repeatedly to exit to the previous main level.

### **Configuration (DMX)**

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

#### **DMX Personalities**

This setting allows the user to choose a particular DMX personality.

- 1. Go to the **DMX Channel** main level.
- Select the desired personality (1Ch, 5Ch, 6Ch, 8Ch, 12Ch, 14Ch1, 14Ch2, 18Ch, and HSV).



- See the <u>Starting Address</u> section for the highest starting address suggested for each personality.
- Make sure that the starting addresses on the various products do not overlap due to the new personality setting.

#### **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.

- 1. Go to the **DMX Address** main level.
- Set the starting address (001–512).

The highest recommended starting address for each DMX mode is as follows:

| DMX Personality | DMX Address | DMX Personality | DMX Address |
|-----------------|-------------|-----------------|-------------|
| HSV             | 509         | 8Ch             | 505         |
| 1Ch             | 512         | 12Ch            | 501         |
| 5Ch             | 508         | 14Ch            | 499         |
| 6Ch             | 507         | 18Ch            | 495         |



# Menu Map

Refer to the Ovation Rêve E-3 product page on <a href="www.chauvetprofessional.com">www.chauvetprofessional.com</a> for the latest menu map.

| Main Level     | Programmir | ng Levels           | Description  |  |  |
|----------------|------------|---------------------|--|--|--|
| DMX<br>Address | 001–5      | 12*                 | Selects DMX address (*highest channel restricted to personality chosen)  |  |  |
|                |            | Virtual Color Wheel |  |  |  |
|                | 1Ch        | Color Temperature   | 1-channel: dimmer  |  |  |
|                |            | Manual Color Mixer  |  |  |  |
|                | 5Ch        | 1                   | 5-channel: dimmer, virtual color wheel (VCW), color temperature, hue, gobo rotator                               |  |  |
|                | 6Ch        |                     | 6-channel: red, green, blue, amber, mint, gobo rotator   |  |  |
| DMX<br>Channel | 8Ch        |                     | 8-channel: dimmer, RGBAM, strobe, gobo rotator   |  |  |
|                | 12Ch       |                     | 12-channel: 16-bit dimmer, RGBAM, strobe, VCW, color temperature, hue, gobo rotator                              |  |  |
|                | 14Ch1      |                     | 14-channel: dimmer, RGBAM, strobe, VCW, color temperature, hue, auto programs, auto speed, control, gobo rotator |  |  |
|                | 14Ch2      |                     | 14-channel: 16-bit dimmer, 16-bit RGBAM, strobe, gobo rotator  |  |  |
|                | 18C        | h                   | 18-channel: 16-bit RGBAM and dimmer, strobe, VCW, color temperature, hue, control, gobo rotator                  |  |  |
|                | HS\        | /                   | 4-channel: hue, saturation, value, gobo rotator  |  |  |



| Main Level                |  | gramming Levels  |                 | Description   |
|---------------------------|--|--|-----------------|---|
| Virtual<br>Color<br>Wheel | C3 C3 C2 C2 C2 C2 C1 C1 C1 C1 C1 C1 C1 C1 C2 C5 C5 C5 C5 C5 C5 C5 C5 C5 C4 C4 C4 C4 C4 | 050 - Md Yellow 040 - Lt Yellow 240 - Amb Yellow 340 - VLt Amber 040 - Lt Amber 050 - Md Amber 050 - Md Amber 050 - Lt Red 080 - Md Red 020 - NC Pink 030 - Md Pink 630 - Dk Red Amber 050 - Md Red Amber 050 - Magenta 170 - Dk Magenta 170 - Dk Magenta 170 - Dk Blue 1020 - VLt Blue 1430 - Lt Blue 1050 - Md Blue 1050 - Md Blue 1050 - Md Blue 1050 - Dk Blue 1050 - Dk Blue 1050 - Dk Blue 1050 - Turquoise 1050 - Aqua 1070 - Blue 1070 - Green 1050 - Aqua 1070 - Blue Green | Dimmer<br>0–255 | Virtual Color Wheel simulates the output of each gel color. Refer to the Virtual Color Wheel Chart for specific values. |



| Main Level                |                       | Programmin   | ogramming Levels          |  | Description   |  |
|---------------------------|-----------------------|--|---------------------------|--|---|--|
|                           |                       | 2800K<br>2900K<br>3000K<br>3100K<br>3200K<br>3300K<br>3500K<br>3600K<br>3700K<br>3800K<br>3900K<br>4000K<br>4100K<br>4200K                                     | Dimmer                    | 0–255                                    |   |  |
| Virtual<br>Color<br>Wheel | Color<br>Temperature  | 4200K<br>4300K<br>4400K<br>4500K<br>4600K<br>4700K<br>4800K<br>5000K<br>5100K<br>5200K<br>5300K<br>5400K<br>5500K<br>5600K<br>5700K<br>6500K<br>7000K<br>7500K | Hue                       | -25–25                                   | Preset white color temperatures. Emulates a tungsten lamp at the specified color temperature. Refer to the Color Temperature Chart for specific values. |  |
|                           | Manual<br>Color Mixer | R<br>Gr<br>Bl<br>Am  | Red Green Blue Amber Mint |  | Combines red, green, blue, amber, and mint to make a custom color (0–100%)  |  |
| Auto Show                 | Auto                  | 1–5  | 1–10                      | 00                                       | Selects automatic programs and auto program speed   |  |
| Red Shift                 |                       | On<br>Off  |                           |  | Mimics halogen lamp dimming   |  |
| Gobo<br>Rotator           | Gobo 000 255          |  | 55                        |  | Controls the gobo rotator   |  |
| Master/                   | Master                |  |                           |  | Receives DMX signal from the DMX controller (master)  |  |
| Slave                     | Slave                 |  |                           | Receives DMX signal from the master unit |   |  |
| Dimmer<br>Curve           |                       |  |                           | Sets the dimmer curve                    |   |  |



| Main Level         | in Level Programming Levels |             |                | Description   |   |  |  |
|--------------------|-----------------------------|-------------|----------------|---|---|--|--|
| Dimmer             | Off                         |             |                | Linear dimmer   |   |  |  |
| Mode               | Dimmer 1–3                  |             |                | Dimming curves, from fast ( <b>Dimmer 1</b> ) to slow ( <b>Dimmer 3</b> ) |   |  |  |
|                    | Off                         |             |                | Deactivates color calibration   |   |  |  |
|                    |                             | Re          | ed             |   | Sets red LED maximum value  |  |  |
| Color              | Heen                        | Gre         | en             |   | Sets green LED maximum value  |  |  |
| Calibration        | User<br>Calibration         | BI          | ue             | 125–255   |   |  |  |
| Galibration        | Guilbration                 | Am          | ber            |   | Sets amber LED maximum value  |  |  |
|                    |                             |             | int            |   | Sets mint LED maximum value   |  |  |
|                    |                             | Factory Cal |                | 4   | Uses factory default white setting  |  |  |
|                    |                             | 600H        |                |   |   |  |  |
|                    |                             | 1200F       |                |   |   |  |  |
| _ LED              |                             | 2000F       |                |   | Sets the PWM output frequency   |  |  |
| Frequency          |                             | 4000F       |                |   | Coto the r vvivi output inequality  |  |  |
|                    |                             | 6000F       |                |   |   |  |  |
|                    |                             | 25KH        | · <del>_</del> |   |   |  |  |
|                    | Auto                        |             |                | Sets the fan to auto mode   |   |  |  |
| Fan Mode           | On                          |             |                | Sets the fan to always on Sets the fan to always off                      |   |  |  |
|                    | Off                         |             |                | Sets the fan to always on   |   |  |  |
|                    | Silent                      |             |                |   |   |  |  |
|                    | 10S                         |             |                | Turns off display backlight after 10 seconds of inactivity                |   |  |  |
| Back Light         | 30S                         |             |                | Turns off display backlight after 30 seconds of inactivity                |   |  |  |
|                    | 2Min                        |             |                | Turns off display backlight after 2 minutes of inactivity                 |   |  |  |
|                    | Always On                   |             |                |   | Display backlight always on   |  |  |
| Gobo<br>Power      |                             | On<br>Off   |                |   | Enables/disables gobo power output  |  |  |
|                    | Fixture                     | Hours       |                | _H  | Shows total hours the product has been powered on   |  |  |
| Information        | LED H                       |             |                | _H  | Shows total hours the LED has been powered on   |  |  |
|                    |                             | Version V   |                | Shows current firmware version  |   |  |  |
|                    | IIU                         | )           |                |   | Shows product UID   |  |  |
|                    | Only Th                     | is Unit     |                | CHL   | Selects an update file for this product, or shows "No such file!"                                 |  |  |
| Update<br>Firmware | Multiple                    | Units       |                | CHL   | Selects an update file for this and connected Ovation Rêve E-3 products, or shows "No such file!" |  |  |
|                    | Other Fixt                  | ure Type    |                | CHL   | Selects an update file for other connected products, or shows "No such file!"                     |  |  |
| Reset              |                             | No          |                |   | Posets settings to factory default  |  |  |
| Factory            | Yes                         |             |                | Resets settings to factory default  |   |  |  |



WARNING: When operating in Fan Mode: Off and Fan Mode: Silent, the fixture will become hotter to the touch than when using other fan modes. Use proper protective equipment to prevent burns. Keep a safe distance from flammable objects.



NOTICE: When operating in Fan Mode: Off and Fan Mode: Silent, output of the fixture will be reduced and will not reach the same levels as when using other fan modes.



### **Configuration (Standalone)**

Use standalone configuration to operate the product without a DMX controller.

#### Virtual Color Wheel

- Go to the Virtual Color Wheel main level.
- 2. Select Virtual Color Wheel.
- 3. Select the desired gel color (see Virtual Color Wheel Chart).
- 4. Select the desired output level (000-255).

#### **Color Temperature**

To select a color temperature, do the following:

- 1. Go to the Virtual Color Wheel main level.
- 2. Select Color Temperature.
- 3. Select the desired color temperature (see Color Temperature Chart).
- 4. Select the desired output level (000-255).

#### **Manual Color Mixer**

To do color mixing without a DMX controller, follow the instructions below:

- 1. Go to the Virtual Color Wheel main level.
- 2. Select Manual Color Mixer.
- 3. Select the color to edit (Red, Green, Blue, Amber, or Mint).
- Select the desired output level for that color (000–255).
- 5. Repeat steps 3 and 4 until product outputs as desired.

#### Auto Programs

Auto programs allow for dynamic RGBAL color mixing without a DMX controller.

- 1. Go to **Auto Show** main level.
- 2. Select the desired auto program (Auto 1–5).
- 3. Select the desired speed (1–100).

#### Red Shift

The Red Shift function causes the amber LEDs to imitate the appearance of a halogen lamp when dimming. To adjust the Red Shift function, do the following:

- 1. Go to the **Red Shift** main level.
- 2. Select On or Off.

#### Master/Slave

The Master/Slave mode allows a group of Ovation Rêve E-3 products (the slaves) to simultaneously duplicate the output of another Ovation Rêve E-3 (the master) without a DMX controller. To set each of the slaves:

- 1. Go to the Master/Slave main level
- Select Slave.

To set the master:

- 1. Go to the Master/Slave main level
- 2. Select Master.
- Select a static setting.



- The master is the one that runs a program whether in Auto or Static mode.
- Do not connect a DMX controller to the products configured for Master/Slave operation. The DMX controller may interfere with signals from the master.
- The master should be the first product in the daisy chain.

#### **Dimmer Curve**

To set the dimmer curve, follow the instructions below:

- 1. Go to the **Dimmer Curve** main level.
- 2. Select the desired option (SCurve, Linear, Square, or Inverse Square).



#### **Dimmer Profiles**

This setting determines how fast the output of the Ovation Rêve E-3 changes when the output value is modified. It provides four different options to simulate the dimming curve of an incandescent lighting product. To select a specific dimmer profile, do the following:

- Go to the **Dimmer Mode** main level.
- 2. Select a dimmer curve (Off, Dimmer 1, Dimmer 2, or Dimmer 3).



Off: The output is proportional (linear) to the dimmer channel value.

Dimmer 1-3: The output follows the dimmer value based on the corresponding dimmer curve, Dimmer 1 being the fastest.



For optimum control of the 16-bit dimming channels in the 12Ch, 14Ch2, and 18Ch personalities, ensure that the dimming curves in Dimmer Mode are set to Off.

#### Color Calibration

This setting determines the maximum output values for each color, which affects the appearance of a full output white.

- 1. Go to the **Color Calibration** main level.
- 2. Select **Off** (deactivates color calibration), **User Calibration**, or **Factory Calibration** (the product will use a default white setting).
- For User Calibration mode, select the color value to edit (Red, Green, Blue, Amber, or Mint).
- Set the maximum value for the selected color (125–255).
- 5. Repeat steps 3 and 4 until the product outputs as desired.

#### **LED Frequency**

This option changes the Pulse Width Modulation (PWM) frequency of the LEDs on the Ovation Rêve E-3. To do so, follow the instructions below:

- 1. Go to the **LED Frequency** main level.
- 2. Select PWM Frequency (600Hz, 1200Hz, 2000Hz, 4000Hz, 6000Hz, or 25Khz).

#### Fan Mode

This setting determines how the fan speed on the Ovation Rêve E-3 is set.

- 1. Go to the Fan Mode main level
- 2. Select **Auto** (fan speed will increase or decrease based on product temperature), **Off** (fan will stay off. Product output will decrease based on product temperature), **Silent** (fan will maintain a constant silent speed), or **On** (fan speed will always be at maximum).



NOTICE: When operating in Fan Mode: Off, the output of the fixture will be reduced and will not reach the same levels as when using other fan modes.



WARNING: When operating in Fan Mode: Off, the fixture will become hotter to the touch than when using other fan modes. Use proper protective equipment to prevent burns. Keep a safe distance from flammable objects.

#### Back Light

This setting allows for selection of the amount of time the backlight on the Ovation Rêve E-3's display stays on after the last button is pressed on the control panel.

- Go to the Back Light main level.
- Select 10S (10 seconds), 30S (30 seconds), 2Min (2 minutes), or Always On (remains on).

#### System Information

This option displays the total number of hours the product has run, the installed software version, and the product's UID.

- 1. Go to the **Information** main level.
- 2. Select Fixture Hours, LED Hours, Version, or UID.



### Virtual Color Wheel

The Ovation Rêve E-3 includes a feature called the Virtual Color Wheel (VCW). This feature is available as a standalone control mode for manual use and as a control channel in select DMX personalities. More than 30 premixed colors, custom blended by Chauvet engineers, are available to call up for easier programming. The DMX values used to mix these colors are provided below. The overall intensity of the Ovation fixture can be adjusted to more closely replicate familiar industry-standard colors. A chart is available at <a href="https://www.chauvetprofessional.com">www.chauvetprofessional.com</a> to compare Chauvet's premixed colors with popular gel colors. This chart is for comparison purposes only and is not an assertion that Chauvet's premixed colors match any of the gel colors listed.

#### Virtual Color Wheel Chart

| DMX Channel<br>Value              | Display Readout      | Red<br>Value | Green<br>Value | Blue<br>Value | Amber<br>Value | Mint<br>Value |
|-----------------------------------|----------------------|--------------|----------------|---------------|----------------|---------------|
| 000 ⇔ 005                         |                      |              |                |               |                |               |
| 006 ⇔ 013                         | C3050 - Md Yellow    | 255          | 225            | 0             | 255            | 37            |
| 014 <code-block> 021</code-block> | C3040 - Lt Yellow    | 255          | 177            | 3             | 255            | 37            |
| 022 ⇔ 028                         | C3240 - Amb Yellow   | 255          | 220            | 0             | 255            | 0             |
| 029 👄 035                         | C2340 - VLt Amber    | 195          | 0              | 15            | 255            | 57            |
| 036 🗢 043                         | C2040 - Lt Amber     | 255          | 0              | 11            | 255            | 61            |
| 044 ⇔ 051                         | C2050 - Md Amber     | 255          | 53             | 0             | 255            | 17            |
| 052 ⇔ 059                         | C2060 - Dk Amber     | 255          | 8              | 0             | 255            | 17            |
| 060 ⇔ 067                         | C1050 - Lt Red       | 255          | 0              | 3             | 14             | 0             |
| 068 ⇔ 075                         | C1080 - Md Red       | 255          | 0              | 2             | 0              | 0             |
| 076 ⇔ 083                         | C1020 - NC Pink      | 255          | 75             | 62            | 255            | 73            |
| 084 ⇔ 091                         | C1030 - Md Pink      | 255          | 75             | 57            | 255            | 41            |
| 092 ⇔ 099                         | C1630 - Dk Pink      | 218          | 77             | 57            | 255            | 61            |
| 100 ⇔ 107                         | C1250 - Md Red Amber | 255          | 0              | 9             | 168            | 0             |
| 108 <code-block> 115</code-block> | C1060 - Dk Red Amber | 255          | 5              | 9             | 36             | 0             |
| 116 ⇔ 121                         | C1650 - Magenta      | 255          | 3              | 62            | 255            | 12            |
| 122 <code-block> 130</code-block> | C6170 - Dk Magenta   | 255          | 0              | 55            | 0              | 0             |
| 131 ⇔ 138                         | C6020 - Lt Lavender  | 255          | 220            | 93            | 255            | 44            |
| 139 <code-block> 146</code-block> | C5030 - Lt Blue      | 0            | 255            | 159           | 112            | 78            |
| 147 ⇔ 154                         | C5020 - VLt Blue     | 0            | 215            | 145           | 196            | 65            |
| 155 ⇔ 162                         | C5430 - Lt Blue2     | 0            | 215            | 132           | 52             | 92            |
| 163 ⇔ 170                         | C5070 - Blue         | 0            | 195            | 188           | 0              | 19            |
| 171 ⇔ 178                         | C5050 - Md Blue      | 0            | 163            | 190           | 0              | 68            |
| 179 🖈 186                         | C5060 - Dk Blue      | 0            | 128            | 193           | 0              | 38            |
| 187 ⇔ 194                         | C5690 - Indigo       | 53           | 9              | 255           | 0              | 0             |
| 195 ⇔ 202                         | C5080 - VDk Blue     | 7            | 84             | 116           | 0              | 0             |
| 203 ⇔ 210                         | C5081 - VDk Blue2    | 11           | 82             | 139           | 0              | 0             |
| 211 <code-block> 218</code-block> | C4370 - Yel Green    | 0            | 255            | 2             | 25             | 0             |
| 219 <code-block> 226</code-block> | C4070 - Green        | 0            | 255            | 9             | 0              | 175           |
| 227 <code-block> 234</code-block> | C4550 - Turquoise    | 0            | 255            | 87            | 96             | 255           |
| 235 <code-block> 242</code-block> | C4560 - Aqua         | 0            | 255            | 98            | 44             | 255           |
| 243 ⇔ 250                         | C4570 - Blue Green   | 0            | 255            | 26            | 8              | 0             |
| 251 ⇔ 255                         |                      |              |                |               |                |               |



Note: The colors above are simulated renditions of the color output produced compared with other similar incandescent products. Chauvet makes no guarantee of the color output accuracy.



### **Color Temperature Chart**

| Color Temperature | Red Value | Green Value | Blue Value | Amber Value | Mint Value |
|-------------------|-----------|-------------|------------|-------------|------------|
| 2800K             | 253       | 0           | 25         | 255         | 145        |
| 2900K             | 253       | 3           | 28         | 255         | 153        |
| 3000K             | 251       | 5           | 33         | 255         | 161        |
| 3100K             | 248       | 7           | 36         | 255         | 169        |
| 3200K             | 245       | 9           | 45         | 255         | 173        |
| 3300K             | 242       | 13          | 47         | 255         | 182        |
| 3400K             | 237       | 22          | 53         | 255         | 185        |
| 3500K             | 230       | 30          | 58         | 255         | 185        |
| 3600K             | 225       | 40          | 64         | 255         | 185        |
| 3700K             | 221       | 48          | 70         | 255         | 185        |
| 3800K             | 220       | 48          | 74         | 255         | 197        |
| 3900K             | 220       | 50          | 79         | 255         | 203        |
| 4000K             | 210       | 58          | 84         | 255         | 203        |
| 4100K             | 205       | 63          | 88         | 255         | 203        |
| 4200K             | 199       | 68          | 95         | 255         | 204        |
| 4300K             | 189       | 69          | 98         | 255         | 204        |
| 4400K             | 183       | 71          | 103        | 255         | 204        |
| 4500K             | 174       | 78          | 107        | 255         | 204        |
| 4600K             | 170       | 80          | 112        | 255         | 204        |
| 4700K             | 166       | 89          | 119        | 255         | 204        |
| 4800K             | 164       | 98          | 123        | 255         | 203        |
| 4900K             | 163       | 100         | 129        | 255         | 205        |
| 5000K             | 163       | 103         | 137        | 255         | 206        |
| 5100K             | 163       | 108         | 142        | 255         | 208        |
| 5200K             | 163       | 116         | 147        | 255         | 208        |
| 5300K             | 163       | 118         | 156        | 255         | 210        |
| 5400K             | 162       | 122         | 162        | 255         | 216        |
| 5500K             | 162       | 124         | 166        | 255         | 224        |
| 5600K             | 162       | 127         | 172        | 255         | 229        |
| 5700K             | 159       | 127         | 177        | 255         | 231        |
| 6000K             | 158       | 134         | 192        | 241         | 231        |
| 6500K             | 152       | 152         | 206        | 225         | 231        |
| 7000K             | 144       | 157         | 224        | 218         | 231        |
| 7500K             | 127       | 172         | 238        | 218         | 231        |
| 8000K             | 122       | 175         | 255        | 200         | 231        |



Note: The color temperatures above are simulated renditions of the color output produced compared with a tungsten lamp at the specified color temperature. Chauvet makes no guarantee of the color output accuracy.

### **Color Temperature DMX Chart**

| DMX Channel      | Color<br>Temperature | DMX Channel | Color<br>Temperature | DMX Channel                       | Color<br>Temperature |
|------------------|----------------------|-------------|----------------------|-----------------------------------|----------------------|
| 000 ⇔ 005        | No function          | 084 ⇔ 090   | 3900–4000K           | 168 ⇔ 174                         | 5100-5200K           |
| 006 ⇔ 013        | 2800-2900K           | 091 ⇔ 097   | 4000–4100K           | 175 ⇔ 181                         | 5200-5300K           |
| 014 ⇔ 020        | 2900-3000K           | 098 ⇔ 104   | 4100-4200K           | 182 ⇔ 188                         | 5300-5400K           |
| 021 ⇔ 027        | 3000-3100K           | 105 ⇔ 111   | 4200-4300K           | 189 ⇔ 195                         | 5400-5500K           |
| 028 🗢 034        | 3100-3200K           | 112 ⇔ 118   | 4300-4400K           | 196 ⇔ 202                         | 5500-5600K           |
| 035 ⇔ 041        | 3200-3300K           | 119 ⇔ 125   | 4400-4500K           | 203 <code-block> 209</code-block> | 5600-5700K           |
| <b>042 ⇔ 048</b> | 3300-3400K           | 126 ⇔ 132   | 4500-4600K           | 210 <code-block> 216</code-block> | 5700-6000K           |
| 049 ⇔ 055        | 3400-3500K           | 133 ⇔ 139   | 4600-4700K           | 217 ⇔ 223                         | 6000-6500K           |
| 056 ⇔ 062        | 3500-3600K           | 140 ⇔ 146   | 4700-4800K           | 224   230                         | 6500-7000K           |
| 063 ⇔ 069        | 3600-3700K           | 147 ⇔ 153   | 4800-4900K           | 231 ⇔ 237                         | 7000-7500K           |
| 070 ⇔ 076        | 3700-3800K           | 154 ⇔ 160   | 4900-5000K           | 238 <code-block> 244</code-block> | 7500-8000K           |
| 077 ⇔ 083        | 3800-3900K           | 161 ⇔ 167   | 5000-5100K           | 245 ⇔ 255                         | 8000K                |



# **DMX Values**

### 18Ch

| Channel | Function             | Value                  | Percent/Setting                          |  |
|---------|----------------------|------------------------|--|--|
| 1       | Dimmer               | 000 ⇔ 255              | 0–100%                                   |  |
| 2       | Dimmer fine          | 000 ⇔ 255              | 0–100%                                   |  |
| 3       | Red                  | 000 ⇔ 255              | 0–100%                                   |  |
| 4       | Red fine             | 000 ⇔ 255              | 0–100%                                   |  |
| 5       | Green                | 000 ⇔ 255              | 0–100%                                   |  |
| 6       | Green fine           | 000 ⇔ 255              | 0–100%                                   |  |
| 7       | Blue                 | 000 ⇔ 255              | 0–100%                                   |  |
| 8       | Blue fine            | 000 ⇔ 255              | 0–100%                                   |  |
| 9       | Amber                | 000 ⇔ 255              | 0–100%                                   |  |
| 10      | Amber fine           | 000 ⇔ 255              | 0–100%                                   |  |
| 11      | Mint                 | 000 ⇔ 255              | 0–100%                                   |  |
| 12      | Mint fine            | 000 ⇔ 255              | 0–100%                                   |  |
| 13      | Strobe               | 000 ⇔ 010              | No function                              |  |
|         |                      | 011 ⇔ 255              | Strobe, slow to fast                     |  |
| 14      | Virtual color wheel  | 000 ⇔ 255              | Refer to Virtual Color Wheel Chart       |  |
| 15      | Color temperature    | 000 ⇔ 255              | Refer to Color Temperature DMX Chart     |  |
| 16      | Hue                  | 000 ⇔ 000              | 0  |  |
|         |                      | 001 ⇔ 255              | -25–25                                   |  |
|         |                      | 000 ⇔ 007              | No function                              |  |
|         |                      | 008 🗢 015              | Dimmer reset                             |  |
|         |                      | 016 🗢 023              | Red shift on                             |  |
|         |                      | 024 🗢 031              | Red shift off                            |  |
|         |                      | 032 🗢 039              | S-curve dimmer                           |  |
|         |                      | 040 ⇔ 047              | Linear dimmer                            |  |
|         |                      | 048 🗢 055              | Square dimmer curve                      |  |
| 47      | Control              | 056 🗢 063              | Inverse square dimmer curve              |  |
| 17      | (hold for 3 seconds) | 064 🗢 071              | Dimmer speed mode OFF                    |  |
|         |                      | 072 🗢 079              | Dimmer speed 1 (fastest)                 |  |
|         |                      | 080 ⇔ 087<br>088 ⇔ 095 | Dimmer speed 2                           |  |
|         |                      | 096 ⇔ 103              | Dimmer speed 3 (slowest) Fan auto        |  |
|         |                      | 104 🖨 111              | Fan on                                   |  |
|         |                      | 112 😂 119              | Fan off                                  |  |
|         |                      | 120 ⇔ 127              | Fan silent                               |  |
|         |                      | 120 ⇔ 127<br>128 ⇔ 255 | Reserved for future use                  |  |
|         |                      | 000 \$\display 127     | Index                                    |  |
|         |                      | 128 ⇔ 190              | Clockwise rotation, fast to slow         |  |
| 18      | Gobo rotator         | 191 ⇔ 192              | Stop                                     |  |
|         |                      | 191 ⇔ 192              | Counterclockwise rotation, slow to fast  |  |
|         |                      | 100 🕁 200              | Counterfloorwise retailors, slow to last |  |



# 14Ch1

| Channel | Function             | Value     | Percent/Setting                         |  |
|---------|----------------------|-----------|---|--|
| 1       | Dimmer               | 000 ⇔ 255 | 0–100%                                  |  |
| 2       | Red                  | 000 ⇔ 255 | 0–100%                                  |  |
| 3       | Green                | 000 ⇔ 255 | 0–100%                                  |  |
| 4       | Blue                 | 000 ⇔ 255 | 0–100%                                  |  |
| 5       | Amber                | 000 ⇔ 255 | 0–100%                                  |  |
| 6       | Mint                 | 000 ⇔ 255 | 0–100%                                  |  |
| 7       | Strobe               | 000 ⇔ 010 | No function                             |  |
| -       |                      | 011 ⇔ 255 | Strobe, slow to fast                    |  |
| 8       | Virtual color wheel  | 000 ⇔ 255 | Refer to Virtual Color Wheel Chart      |  |
| 9       | Color temperature    | 000 ⇔ 255 | Refer to Color Temperature DMX Chart    |  |
| 10      | Hue                  | 000 ⇔ 000 | 0                                       |  |
| 10      | Tide                 | 001 ⇔ 255 | -25–25                                  |  |
|         |                      | 000 ⇔ 010 | No function                             |  |
|         | Auto programs        | 011 🗢 060 | Auto program 1                          |  |
| 11      |                      | 061 ⇔ 110 | Auto program 2                          |  |
| • • •   |                      | 111 ⇔ 160 | Auto program 3                          |  |
|         |                      | 161 ⇔ 210 | Auto program 4                          |  |
|         |                      | 211 ⇔ 255 | Auto program 5                          |  |
| 12      | Auto speed           | 000 ⇔ 255 | Auto speed, slow to fast                |  |
|         |                      | 000 ⇔ 007 | No function                             |  |
|         |                      | 008  015  | Dimmer reset                            |  |
|         |                      | 016  023  | Red shift on                            |  |
|         |                      | 024  031  | Red shift off                           |  |
|         |                      | 032 ⇔ 039 | S-curve dimmer                          |  |
|         |                      | 040  047  | Linear dimmer                           |  |
|         |                      | 048 ⇔ 055 | Square dimmer curve                     |  |
|         | Control              | 056 ⇔ 063 | Inverse square dimmer curve             |  |
| 13      | (hold for 3 seconds) | 064 ⇔ 071 | Dimmer speed mode OFF                   |  |
|         | ,                    | 072  079  | Dimmer speed 1 (fastest)                |  |
|         |                      | 080 👄 087 | Dimmer speed 2                          |  |
|         |                      | 088 ⇔ 095 | Dimmer speed 3 (slowest)                |  |
|         |                      | 096 ⇔ 103 | Fan auto                                |  |
|         |                      | 104 ⇔ 111 | Fan on                                  |  |
|         |                      | 112 😂 119 | Fan off                                 |  |
|         |                      | 120 🖘 127 | Fan silent                              |  |
|         |                      | 128 ⇔ 255 | Reserved for future use                 |  |
|         |                      | 000 🖨 127 | Index                                   |  |
| 14      | Gobo rotator         | 128 😂 190 | Clockwise rotation, fast to slow        |  |
|         | Cobo lotatol         | 191 ⇔ 192 | Stop                                    |  |
|         |                      | 193 ⇔ 255 | Counterclockwise rotation, slow to fast |  |



# 14Ch2

| Channel | Function     | Value     | Percent/Setting                         |
|---------|--------------|-----------|---|
| 1       | Dimmer       | 000 ⇔ 255 | 0–100%                                  |
| 2       | Dimmer fine  | 000 ⇔ 255 | 0–100%                                  |
| 3       | Red          | 000 ⇔ 255 | 0–100%                                  |
| 4       | Red fine     | 000 ⇔ 255 | 0–100%                                  |
| 5       | Green        | 000 ⇔ 255 | 0–100%                                  |
| 6       | Green fine   | 000 ⇔ 255 | 0–100%                                  |
| 7       | Blue         | 000 ⇔ 255 | 0–100%                                  |
| 8       | Blue fine    | 000 ⇔ 255 | 0–100%                                  |
| 9       | Amber        | 000 ⇔ 255 | 0–100%                                  |
| 10      | Amber fine   | 000 ⇔ 255 | 0–100%                                  |
| 11      | Mint         | 000 ⇔ 255 | 0–100%                                  |
| 12      | Mint fine    | 000 ⇔ 255 | 0–100%                                  |
| 13      | Strobe       | 000 🖘 010 | No function                             |
| 13      | Strobe       | 011 ⇔ 255 | Strobe, slow to fast                    |
|         |              | 000 ⇔ 127 | Index                                   |
| 14      | Gobo rotator | 128 ⇔ 190 | Clockwise rotation, fast to slow        |
| 14      | CODO TOTATO  | 191 ⇔ 192 | Stop                                    |
|         |              | 193 ⇔ 255 | Counterclockwise rotation, slow to fast |

# 12Ch

| Channel | Function            | Value     | Percent/Setting                         |
|---------|---------------------|-----------|---|
| 1       | Dimmer              | 000 ⇔ 255 | 0–100%                                  |
| 2       | Dimmer fine         | 000 ⇔ 255 | 0–100%                                  |
| 3       | Red                 | 000 ⇔ 255 | 0–100%                                  |
| 4       | Green               | 000 ⇔ 255 | 0–100%                                  |
| 5       | Blue                | 000 ⇔ 255 | 0–100%                                  |
| 6       | Amber               | 000 ⇔ 255 | 0–100%                                  |
| 7       | Mint                | 000 ⇔ 255 | 0–100%                                  |
| 8       | Strobe              | 000 🗢 010 | No function                             |
| O       |                     | 011 ⇔ 255 | Strobe, slow to fast                    |
| 9       | Virtual color wheel | 000 ⇔ 255 | Refer to Virtual Color Wheel Chart      |
| 10      | Color temperature   | 000 ⇔ 255 | Refer to Color Temperature DMX Chart    |
| 11      | Hue                 | 000 ⇔ 000 | 0                                       |
| •••     | nue                 | 001 ⇔ 255 | -25–25                                  |
|         |                     | 000 🖘 127 | Index                                   |
| 12      | Gobo rotator        | 128 ⇔ 190 | Clockwise rotation, fast to slow        |
| 12      | Gobo rotator        | 191 ⇔ 192 | Stop                                    |
|         |                     | 193 ⇔ 255 | Counterclockwise rotation, slow to fast |

# 8Ch

| Channel | Function     | Value     | Percent/Setting                         |
|---------|--------------|-----------|---|
| 1       | Dimmer       | 000 ⇔ 255 | 0–100%                                  |
| 2       | Red          | 000 ⇔ 255 | 0–100%                                  |
| 3       | Green        | 000 ⇔ 255 | 0–100%                                  |
| 4       | Blue         | 000 ⇔ 255 | 0–100%                                  |
| 5       | Amber        | 000 ⇔ 255 | 0–100%                                  |
| 6       | Mint         | 000 ⇔ 255 | 0–100%                                  |
| 7       | Strobe       | 000 ⇔ 010 | No function                             |
| •       | Strobe       | 011 ⇔ 255 | Strobe, slow to fast                    |
|         |              | 000 ⇔ 127 | Index                                   |
| 8       | Gobo rotator | 128 ⇔ 190 | Clockwise rotation, fast to slow        |
| 0       |              | 191 ⇔ 192 | Stop                                    |
|         |              | 193 ⇔ 255 | Counterclockwise rotation, slow to fast |



# 6Ch

| Channel | Function     | Value     | Percent/Setting                         |
|---------|--------------|-----------|---|
| 1       | Red          | 000 ⇔ 255 | 0–100%                                  |
| 2       | Green        | 000 ⇔ 255 | 0–100%                                  |
| 3       | Blue         | 000 ⇔ 255 | 0–100%                                  |
| 4       | Amber        | 000 ⇔ 255 | 0–100%                                  |
| 5       | Mint         | 000 ⇔ 255 | 0–100%                                  |
|         |              | 000 😂 127 | Index                                   |
| 6       | Gobo rotator | 128 ⇔ 190 | Clockwise rotation, fast to slow        |
| •       |              | 191 ⇔ 192 | Stop                                    |
|         |              | 193 ⇔ 255 | Counterclockwise rotation, slow to fast |

# 5Ch

| Channel | Function            | Value     | Percent/Setting                         |
|---------|---------------------|-----------|---|
| 1       | Dimmer              | 000 ⇔ 255 | 0–100%                                  |
| 2       | Virtual color wheel | 000 ⇔ 255 | Refer to Virtual Color Wheel Chart      |
| 3       | Color temperature   | 000 ⇔ 255 | Refer to Color Temperature DMX Chart    |
| 4       | Hue                 | 000 ⇔ 000 | 0                                       |
| 4       |                     | 001 ⇔ 255 | -25–25                                  |
|         | Gobo rotator        | 000 ⇔ 127 | Index                                   |
| 5       |                     | 128 ⇔ 190 | Clockwise rotation, fast to slow        |
|         |                     | 191 ⇔ 192 | Stop                                    |
|         |                     | 193 ⇔ 255 | Counterclockwise rotation, slow to fast |

# 1Ch

| Channel | Function |           | Percent/Setting |
|---------|----------|-----------|-----------------|
| 1       | Dimmer   | 000 ⇔ 255 | 0–100%          |

# HSV

| Channel | Function     | Value     | Percent/Setting                         |
|---------|--------------|-----------|---|
| 1       | Hue          | 000 ⇔ 255 | 0–100%                                  |
| 2       | Saturation   | 000 ⇔ 255 | 0–100%                                  |
| 3       | Value        | 000 ⇔ 255 | 0–100%                                  |
|         | Gobo rotator | 000 ⇔ 127 | Index                                   |
| 4       |              | 128 ⇔ 190 | Clockwise rotation, fast to slow        |
| 4       |              | 191 ⇔ 192 | Stop                                    |
|         |              | 193 ⇔ 255 | Counterclockwise rotation, slow to fast |



# 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:

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



Always dry the transparent surfaces carefully after cleaning them.



# **6. Technical Specifications**

### **Dimensions and Weight**

|                    | Length            | Width             | Height            | Weight           |
|--------------------|-------------------|-------------------|-------------------|------------------|
| Fixture only       | 20.44 in (519 mm) | 13.07 in (332 mm) | 20.53 in (522 mm) | 18.6 lb (8.4 kg) |
| With lens extended | 26.83 in (681 mm) | 13.07 in (332 mm) | 20.53 in (522 mm) |                  |

#### **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                      | 371 W                  | 367 W                  | 356 W                  | 353 W                  | 356 W                  |  |
| Operating Current                | 3.68 A                 | 3.04 A                 | 1.76 A                 | 1.59 A                 | 1.52 A                 |  |
| Power-linking current (products) | 13.6 A<br>(3 products) | 13.6 A<br>(4 products) | 13.6 A<br>(7 products) | 13.6 A<br>(8 products) | 13.6 A<br>(8 products) |  |

| Power I/O              | U.S./Canada             | Worldwide               |
|------------------------|-------------------------|-------------------------|
| Power input connector  | Seetronic Powerkon IP65 | Seetronic Powerkon IP65 |
| Power output connector | Seetronic Powerkon IP65 | Seetronic Powerkon IP65 |
| Power cord plug        | Edison (U.S.)           | Local plug              |

#### **Light Source**

| Туре | Color   | Quantity                       | Power    | Current | Lifespan     | <b>Color Temperature</b> |
|------|---|--------------------------------|----------|---------|--------------|--------------------------|
| LED  | Red<br>Green<br>Blue<br>Royal blue<br>Amber<br>Mint | 12<br>19<br>3<br>9<br>24<br>24 | 3.5–10 W | 2.4 A   | 50,000 hours | 5470 K                   |

### **Photometrics**

| Parameter                  | 5°     | 10°    | 14°    | 19°    | 26°    | 36°    | 50°    | 15°-  | -30°  | 25°-  | -50°  |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| Beam angle                 | 4.6°   | 10°    | 14.8°  | 18.5°  | 26°    | 33.3°  | 49.5°  | 13°   | 28.5° | 23.6° | 40.5° |
| Field angle                | 5.6°   | 11.1°  | 16°    | 21.6°  | 29.6°  | 37.1°  | 55.7°  | 15.4° | 32.2° | 25.8° | 44.1° |
| Illuminance<br>@ 5 m (lux) | 31,856 | 18,924 | 9,284  | 5,635  | 3,378  | 2,085  | 870    | 9,292 | 2,671 | 3,710 | 1,527 |
| Lumens                     | 5,076  | 11,250 | 12,179 | 12,156 | 13,300 | 13,223 | 12,216 | 12,   | 057   | 14,   | 355   |

#### **Thermal**

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

#### DMX

| I/O Connector    | Channel Range                            |
|------------------|--|
| 3- and 5-pin XLR | 1, 5, 6, 8, 12, 14CH1, 14CH2, 18, or HSV |

# Ordering

| Product Name     | Item Name     | Item Code | UPC Number  |
|------------------|---------------|-----------|-------------|
| Ovation Rêve E-3 | OVATIONREVEE3 | 03121729  | 78146220778 |







### 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 <a href="www.chauvetprofessional.com/service-request">www.chauvetprofessional.com/service-request</a>.

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

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



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

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

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

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



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



# **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: <a href="mailto:chauvetlighting.com">chauvetlighting.com</a> |
| Fax: (954) 929-5560   |   |
| Toll Free: (800) 762-1084                                     | Website: www.chauvetprofessional.com                                |
| Chauvet Europe Ltd  |   |
| Address: Unit 1C  | Email: <u>UKtech@chauvetlighting.eu</u>                             |
| Brookhill Road Industrial Estate                              |   |
| Pinxton, Nottingham, UK                                       | Website: www.chauvetprofessional.eu                                 |
| NG16 6NT  |   |
| Voice: +44 (0) 1773 511115                                    |   |
| Fax: +44 (0) 1773 511110                                      |   |
| Chauvet Europe BVBA   |   |
| Address: Stokstraat 18  | Email: BNLtech@chauvetlighting.eu                                   |
| 9770 Kruishoutem  |   |
| Belgium   | Website: www.chauvetprofessional.eu                                 |
| Voice: +32 9 388 93 97  |   |
| Chauvet France  |   |
| Address: 3, Rue Ampère<br>91380 Chilly-Mazarin                | Email: FRtech@chauvetlighting.fr                                    |
| France  | Website: www.chauvetprofessional.eu                                 |
| Voice: +33 1 78 85 33 59                                      |   |
| Chauvet Germany   |   |
| Address: Bruno-Bürgel-Str. 11<br>28759 Bremen                 | Email: <u>DEtech@chauvetlighting.de</u>                             |
| Germany   | Website: www.chauvetprofessional.eu                                 |
| Voice: +49 421 62 60 20                                       |   |
| Chauvet Mexico  |   |
| Address: Av. de las Partidas 34 - 3B<br>(Entrance by Calle 2) | Email: servicio@chauvet.com.mx                                      |
| Zona Industrial Lerma   | Website: www.chauvetprofessional.mx                                 |
| Lerma, Edo. de México, CP 52000                               |   |
| Voice: +52 (728) 690-2010                                     |   |

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