User Manual

OVATION

R Ê V E E-3 IP

Model ID: OVATIONREVEE3IP

CHAUVET
PROFESSIONAL

Edition Notes

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

Trademarks

Chauvet, Chauvet Professional, the Chauvet logo, Ovation, and Ovation Rêve E-3 IP are registered trademarks or trademarks of Chauvet & Sons, LLC (d/b/a Chauvet and Chauvet Lighting) in the United States and other countries. Other company and product names and logos referred to herein may be trademarks of their respective companies.

Copyright Notice

The works of authorship contained in this manual, including, but not limited to, all design, text and images are owned by Chauvet.

© Copyright 2022 Chauvet & Sons, LLC. All rights reserved.

Electronically published by Chauvet in the United States of America.

Manual Use

Chauvet authorizes its customers to download and print this manual for professional information purposes only. Chauvet expressly prohibits the usage, copy, storage, distribution, modification, or printing of this manual or its content for any other purpose without written consent from Chauvet.

Document Printing

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

Intended Audience

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

Disclaimer

Chauvet believes that the information contained in this manual is accurate in all respects. However, Chauvet assumes no responsibility and specifically disclaims any and all liability to any party for any loss, damage or disruption caused by any errors or omissions in this document, whether such errors or omissions result from negligence, accident or any other cause. Chauvet reserves the right to revise the content of this document without any obligation to notify any person or company of such revision, however, Chauvet has no obligation to make, and does not commit to make, any such revisions. Download the latest version from www.chauvetprofessional.com.

Document Revision

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

TABLE OF CONTENTS

1. Before You Begin

What Is Included

- Ovation Rêve E-3 IP
- 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>	A button on the product's control panel
Settings	A product function or a menu option

Symbols

Symbol	Meaning
⚡	Electrical warning. Not following these instructions may cause electrical damage to the product, accessories, or the user.
⚠	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
ⓘ	Important installation or configuration information. The product may not function correctly if this information is not used.
📝	Useful information.

📝 **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.

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

- 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 close to the product when operating.
- When hanging this product, always secure to a fastening device using a safety cable.

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 21.7 ft (6.6 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 °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.

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

- Full-spectrum, high-power LED Ellipsoidal Reflector Spotlight (ERS)-style lighting fixture for theatre, film, and production
- Fully IP65-rated for seasonal use indoors or out
- Linear color temperature presets from 2800K to 8000K with high Color Rendering Index (CRI) and Color Quality Scale (CQS)
- Virtual color wheel with color matched to popular gel colors
- +/- Green adjustment and emulated red shift via DMX or on-board control
- Remote Device Management (RDM) for added flexibility
- Adjustable Pulse Width Modulation (PWM) 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

Beam focus knobs (x2)

Framing shutters (x4)

Bracket adjustment knobs (x2)

Power in

USB port

Focus mode button

Power out

5-pin DMX in /out

Safety loop

Handle / Mounting bracket

Menu buttons

Display

Lens tube
(sold separately)

Product Dimensions

20.84 in
(529 mm)

6.28 in
(24.72 mm)

19.75 in
(502 mm)

3.15 in
(80 mm)

12.72 in
(323 mm)
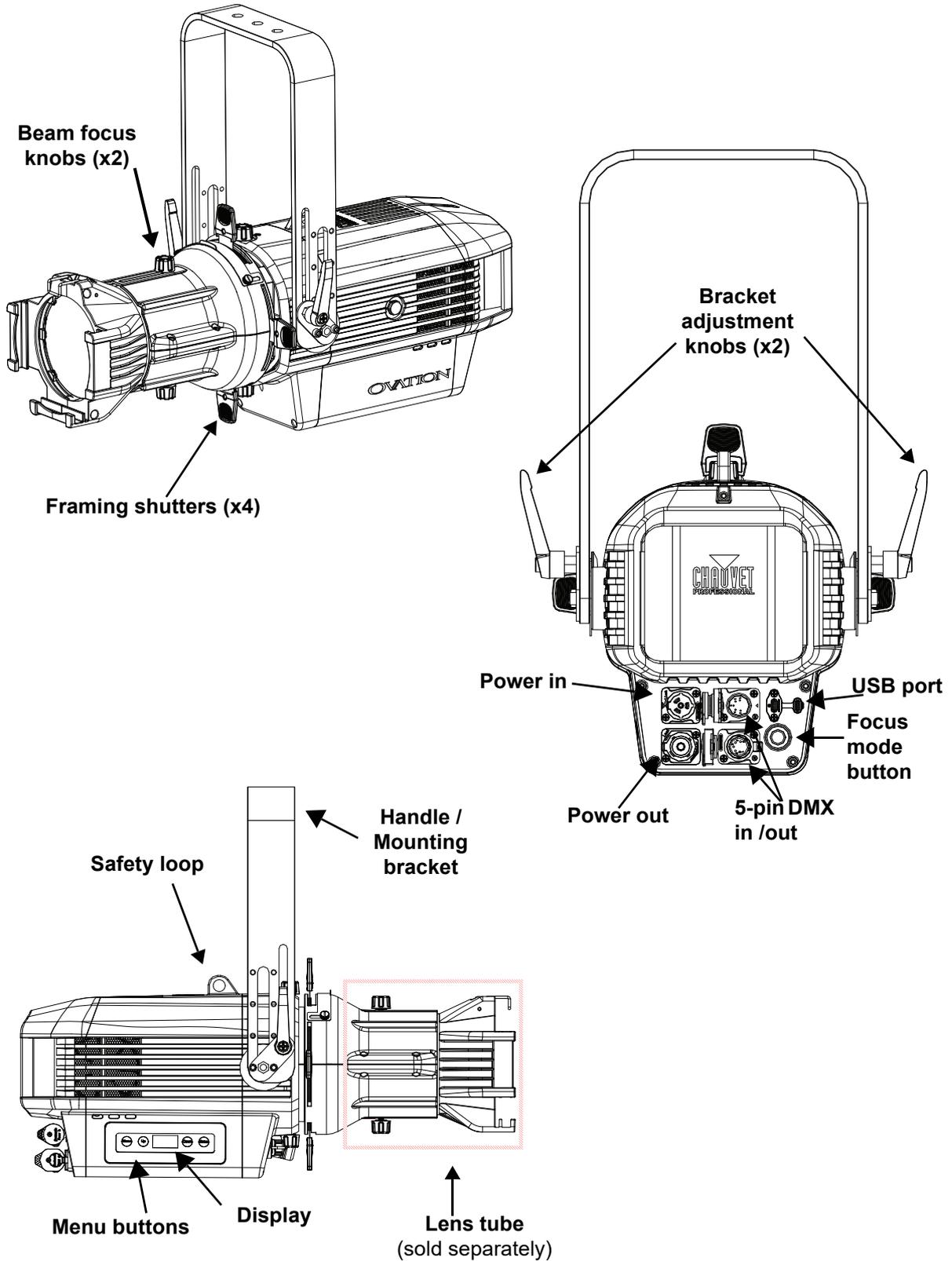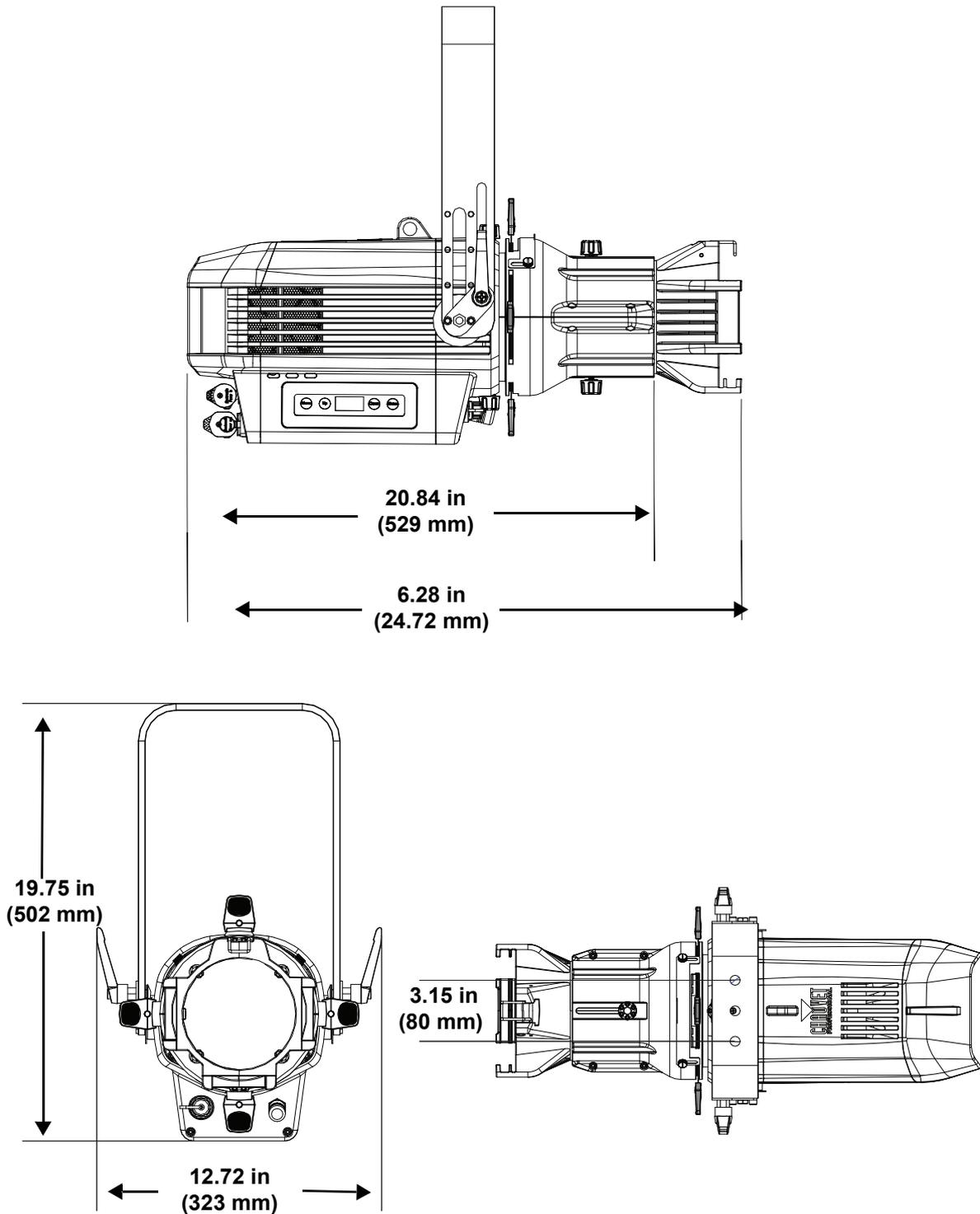
3. Setup

AC Power
Each Ovation Rêve E-3 IP 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 IP, refer to the label affixed to the product or to the Technical Specifications chart in this manual.

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

⚠️
- **Always connect the product to a protected circuit (a circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**
- **To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.**

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

AC Plug
The Ovation Rêve E-3 IP 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 (Europe)	Screw Color
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 IP products at 100 V, 4 products at 120 V, 8 products at 208 V, 8 products at 230 V, or 9 products at 240 V. This product comes with a power input cord. Power-linking cables are available for purchase from Chauvet.

DMX Linking
The Ovation Rêve E-3 IP can be linked to a DMX controller using a 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 IP uses a 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 Operation chapter to learn how to configure the Ovation Rêve E-3 IP 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: www.chauvetprofessional.com.**

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 IP 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 IP (the master) to control one or more Ovation Rêve E-3 IP products (the slaves) without a DMX controller. Once Ovation Rêve E-3 IP 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 Safety Notes. For CHAUVET Professional line of mounting clamps, go to: http://trusst.com/products/.

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 Technical Specifications for weight information.
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity.
- When power linking multiple products, mount the products close enough for power-linking cables to reach.
- The bracket adjustment knobs allow for directional adjustment when aiming the product to the desired angle. Only loosen or tighten the bracket knobs manually. Using tools could damage the knobs.

Procedure

The Ovation Rêve E-3 IP 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

Mounting clamp

Mounting bracket

Safety cable

Secure the safety cable using the passageway on the top of the product

* Lens tubes sold separately
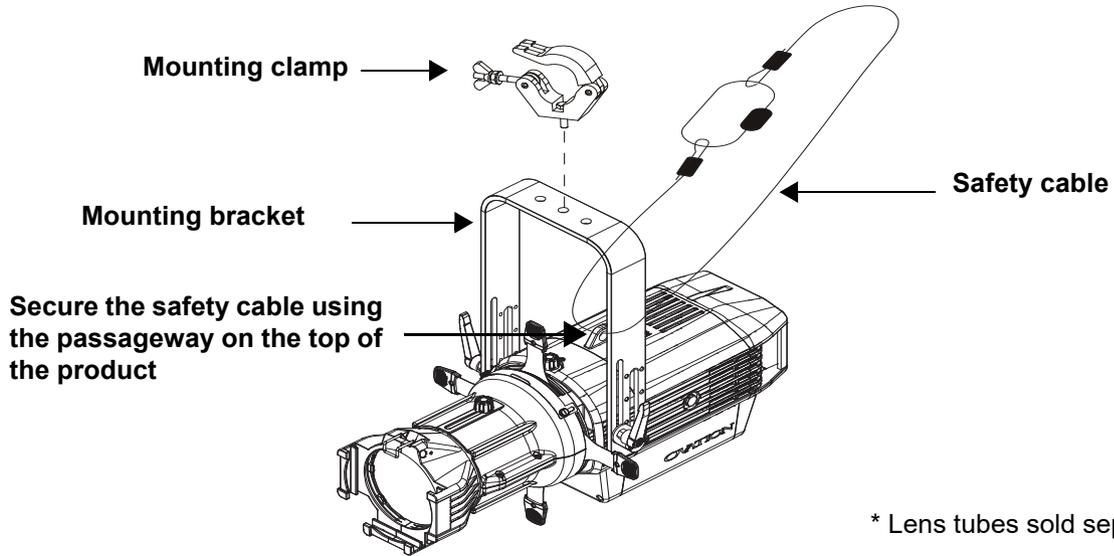
Overhead Mounting

Adjustable Yoke

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

1. 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.
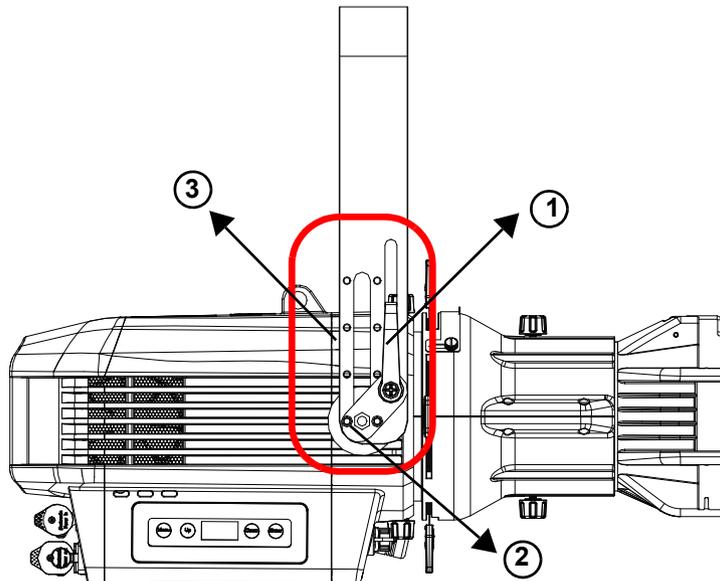
USB Software Update

The Ovation Rêve E-3 IP 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>**.
4. 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).**
- **The product's USB port supports up to 32GB capacity and only works with FAT32 file format.**

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)

Soft Focus Filter

The Ovation Rêve E-3 IP comes with a soft focus filter. To keep the soft focus filter in good condition:
- Ensure that no fingerprints are left on the filter, as this may cause the filter to heat unevenly and eventually warp.
- When placing the filter in the holder, follow the orientation direction printed on the filter.
- When inserting shutter blades into the light path, note that the heat is reflected back at the filter. The deeper the blades are inserted, and the longer the fixture runs, the more heat gets reflected on to the filter, causing it to warp and potentially adhere to the shutter blades.

- **If there is a protective film on the soft focus filter, it must be removed before use. The filter is in a holder in the metal gobo slot.**
- **The standard filter frame must be used together with the fixture.**

---

4. Operation

Control Panel Operation

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

Control Options

Set the Ovation Rêve E-3 IP starting address in the 001-512 DMX range. This enables control of up to 9 products in the 18-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.
2. Select the desired personality (**1Ch, 5Ch**, **6Ch**, **8Ch**, **12Ch**, **14Ch1**, **14Ch2**, **18Ch**, and **HSV**).

> - **See the Starting Address 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.
2. 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 IP product page on www.chauvetprofessional.com for the latest menu map.

Main Level	Programming Levels		Description
DMX Address	001–512*		Selects DMX address (*highest channel restricted to personality chosen)
DMX Channel	1Ch	Virtual Color Wheel	1-channel: dimmer
		Color Temperature	
		Manual Color Mixer	
	5Ch		5-channel: dimmer, virtual color wheel (VCW), color temperature, hue, gobo rotator
	6Ch		6-channel: red, green, blue, amber, mint, gobo rotator
	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
	18Ch		18-channel: 16-bit RGBAM and dimmer, strobe, VCW, color temperature, hue, control, gobo rotator
	HSV		4-channel: hue, saturation, value, gobo rotator
Virtual Color Wheel	Virtual Color Wheel	C3050 - Md Yellow C3040 - Lt Yellow C3240 - Amb Yellow C2340 - VLt Amber C2040 - Lt Amber C2050 - Md Amber C2060 - Dk Amber C1050 - Lt Red C1080 - Md Red C1020 - NC Pink C1030 - Md Pink C1630 - Dk Pink C1250 - Md Red Amber C1060 - Dk Red Amber C1650 - Magenta C6170 - Dk Magenta C6020 - Lt Lavender C5030 - Lt Blue C5020 - VLt Blue C5430 - Lt Blue 2 C5070 - Blue C5050 - Md Blue C5060 - Dk Blue C5690 - Indigo C5080 - VDk Blue C5081 - VDk Blue 2 C4370 - Yel Green C4070 - Green C4550 - Turquoise C4560 - Aqua C4570 - Blue Green	Dimmer 000–255	Virtual Color Wheel simulates the output of each gel color. Refer to the Virtual Color Wheel Chart for specific values.

Main Level	Programming Levels			Description
Virtual Color Wheel	Color Temperature	2800K 2900K 3000K 3100K 3200K 3300K 3400K 3500K 3600K 3700K 3800K 3900K 4000K 4100K 4200K		Preset white color temperatures. Emulates a tungsten lamp at the specified color temperature. Refer to the Color Temperature Chart for specific values.
			Dimmer 0–255	
		4300K 4400K 4500K 4600K 4700K 4800K 4900K 5000K 5100K 5200K 5300K 5400K 5500K 5600K 5700K 6000K 6500K 7000K 7500K 8000K	Hue -25–25	
	Manual Color Mixer	Red Green Blue Amber Mint	000–255	Combines red, green, blue, amber, and mint to make a custom color (0–100%)
	Color X-Fade Speed	Off		Turns off the fade transition between colors
		X-Fade Speed 1		Creates fade transition between colors when using colors in the Virtual Color Wheel or Color Temperature chart, from fast (**X-Fade Speed 1**) to slow (**X-Fade Speed 4**)
		X-Fade Speed 2		
		X-Fade Speed 3		
		X-Fade Speed 4		
Auto Show	Auto 1–5	1–100		Selects automatic programs and auto program speed
Red Shift	On			Mimics halogen lamp dimming
	Off			
Gobo Rotator	000–255			Controls the gobo rotator
Master/ Slave	Master			Receives DMX signal from the DMX controller (master)
	Slave			Receives DMX signal from the master unit

Main Level	Programming Levels			Description
Dimmer Curve	SCurve Linear Square Inverse Square			Sets the dimmer curve
Dimmer Mode	Off			Linear dimmer
	Dimmer 1–3			Dimming curves, from fast (**Dimmer 1**) to slow (**Dimmer 3**)
Color Calibration	Off			Deactivates color calibration
	User Calibration	Red	125–255	Sets red LED maximum value
		Green		Sets green LED maximum value
		Blue		Sets blue LED maximum value
		Amber		Sets amber LED maximum value
		Mint		Sets mint LED maximum value
	Factory Calibration			Uses factory default white setting
LED Frequency	600Hz 1200Hz 2000Hz 4000Hz 6000Hz 25KHz			Sets the PWM output frequency
Fan Mode	Auto			Sets the fan to auto mode
	On			Sets the fan to always on
	Off			Sets the fan to always off
	Silent			Sets the fan to silent
Back Light	10S			Turns off display backlight after 10 seconds of inactivity
	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
Key Lock	On Off			Enables/disables display lock (Password **<UP>**, **<DOWN>**, **<UP>**, **<DOWN>**, **<ENTER>**)
Gobo Power	On Off			Enables/disables gobo power output
Information	Fixture Hours	_ _ _ _H		Shows total hours the product has been powered on
	LED Hours	_ _ _ _H		Shows total hours the LED has been powered on
	Version	V_._		Shows current firmware version
	UID	_ _ _ _ _ _ _ _ _ _ _ _		Shows product UID
Update Firmware	Only This Unit	_ _ _ _ _ _.CHL ...		Selects an update file for this product, or shows "**No such file!**"
	Multiple Units	_ _ _ _ _ _.CHL ...		Selects an update file for this and connected Ovation Rêve E-3 IP products, or shows "**No such file!**"
	Other Fixture Type	_ _ _ _ _ _.CHL ...		Selects an update file for other connected products, or shows "**No such file!**"
Factory Reset	No 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

1. 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**).
4. Select the desired output level for that color (**000–255**).
5. Repeat steps 3 and 4 until product outputs as desired.

Color X-Fade Speed

To create fade transition between colors when using colors in the Virtual Color Wheel or Color Temperature Chart, do the following:

1. Go to the **Virtual Color Wheel** main level.
2. Select **Color X-Fade Speed**.
3. Select **X-Fade Speed 1-4** (from fast to slow), or **Off** (to turn off the fade transition between colors).

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 IP products (the slaves) to simultaneously duplicate the output of another Ovation Rêve E-3 IP (the master) without a DMX controller.
To set each of the slaves:

1. Go to the **Master/Slave** main level
2. Select **Slave**.

To set the master:

1. Go to the **Master/Slave** main level
2. Select **Master**.
3. 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 IP 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:
1. 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).
3. For **User Calibration** mode, select the color value to edit (**Red**, **Green**, **Blue**, **Amber**, or **Mint**).
4. 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 IP. 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 IP 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 IP's display stays on after the last button is pressed on the control panel.
1. Go to the **Back Light** main level.
2. Select **10S** (10 seconds), **30S** (30 seconds), **2Min** (2 minutes), or **Always On** (remains on).

Key Lock

This setting enables users to activate or disable the control panel lock, which keeps non-authorized personnel from changing the product's settings.
1. Go to the **Key Lock** main level.
2. Select **On** or **Off.**

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 IP 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 www.chauvetprofessional.com 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 Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Mint Value
000 ⇔ 005	--	--	--	--	--	--
006 ⇔ 013	C3050 - Md Yellow	255	225	0	255	37
014 ⇔ 021	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 ⇔ 115	C1060 - Dk Red Amber	255	5	9	36	0
116 ⇔ 121	C1650 - Magenta	255	3	62	255	12
122 ⇔ 130	C6170 - Dk Magenta	255	0	55	0	0
131 ⇔ 138	C6020 - Lt Lavender	255	220	93	255	44
139 ⇔ 146	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 ⇔ 218	C4370 - Yel Green	0	255	2	25	0
219 ⇔ 226	C4070 - Green	0	255	9	0	175
227 ⇔ 234	C4550 - Turquoise	0	255	87	96	255
235 ⇔ 242	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 Temperature	DMX Channel	Color Temperature	DMX Channel	Color Temperature
000 ⇔ 005	No function	083 ⇔ 090	3900–4000K	167 ⇔ 174	5100–5200K
006 ⇔ 013	2800–2900K	090 ⇔ 097	4000–4100K	174 ⇔ 181	5200–5300K
013 ⇔ 020	2900–3000K	097 ⇔ 104	4100–4200K	181 ⇔ 188	5300–5400K
020 ⇔ 027	3000–3100K	104 ⇔ 111	4200–4300K	188 ⇔ 195	5400–5500K
027 ⇔ 034	3100–3200K	111 ⇔ 118	4300–4400K	195 ⇔ 202	5500–5600K
034 ⇔ 041	3200–3300K	118 ⇔ 125	4400–4500K	202 ⇔ 209	5600–5700K
041 ⇔ 048	3300–3400K	125 ⇔ 132	4500–4600K	209 ⇔ 216	5700–6000K
048 ⇔ 055	3400–3500K	132 ⇔ 139	4600–4700K	216 ⇔ 223	6000–6500K
055 ⇔ 062	3500–3600K	139 ⇔ 146	4700–4800K	223 ⇔ 230	6500–7000K
062 ⇔ 069	3600–3700K	146 ⇔ 153	4800–4900K	230 ⇔ 237	7000–7500K
069 ⇔ 076	3700–3800K	153 ⇔ 160	4900–5000K	237 ⇔ 244	7500–8000K
076 ⇔ 083	3800–3900K	160 ⇔ 167	5000–5100K	244 ⇔ 255	8000K

DMX Values

18Ch / 14Ch1 / 14Ch2 / 12Ch

12Ch	14Ch1	14Ch2	18Ch	Function	Value	Percent/Setting
1	1	1	1	Dimmer	000 ⇔ 255	0–100%
2	–	2	2	Dimmer fine	000 ⇔ 255	0–100%
3	2	3	3	Red	000 ⇔ 255	0–100%
	–	4	4	Red fine	000 ⇔ 255	0–100%
4	3	5	5	Green	000 ⇔ 255	0–100%
	–	6	6	Green fine	000 ⇔ 255	0–100%
5	4	7	7	Blue	000 ⇔ 255	0–100%
	–	8	8	Blue fine	000 ⇔ 255	0–100%
6	5	9	9	Amber	000 ⇔ 255	0–100%
	–	10	10	Amber fine	000 ⇔ 255	0–100%
7	6	11	11	Mint	000 ⇔ 255	0–100%
	–	12	12	Mint fine	000 ⇔ 255	0–100%
8	7	13	13	Strobe	000 ⇔ 010	No function
					011 ⇔ 255	Strobe, slow to fast
9	8	–	14	Virtual color wheel	000 ⇔ 255	Refer to Virtual Color Wheel Chart
10	9	–	15	Color temperature	000 ⇔ 255	Refer to Color Temperature DMX Chart
11	10	–	16	Hue	000 ⇔ 000	0
					001 ⇔ 255	-25–25
–	11	–	–	Auto programs	000 ⇔ 010	No function
					011 ⇔ 060	Auto program 1
					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
–	13	–	17	Control (hold for 3 seconds)	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
					056 ⇔ 063	Inverse square dimmer curve
					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 ⇔ 135	X-Fade Speed: OFF
					136 ⇔ 143	X-Fade Speed: 1 (fastest)
					144 ⇔ 151	X-Fade Speed: 2
					152 ⇔ 159	X-Fade Speed: 3
					160 ⇔ 167	X-Fade Speed: 4 (slowest)
					168 ⇔ 255	Reserved for future use
12	14	14	18	Gobo rotator	000 ⇔ 127	Index
					128 ⇔ 190	Clockwise rotation, fast to slow
					191 ⇔ 192	Stop
					193 ⇔ 255	Counterclockwise rotation, slow to fast

8Ch / 6Ch / 5Ch / 1Ch

1Ch	5Ch	6Ch	8Ch	Function	Value	Percent/Setting
1	**1**	**–**	**1**	**Dimmer**	000 ⇔ 255	0–100%
–	**–**	**1**	**2**	**Red**	000 ⇔ 255	0–100%
–	**–**	**2**	**3**	**Green**	000 ⇔ 255	0–100%
–	**–**	**3**	**4**	**Blue**	000 ⇔ 255	0–100%
–	**–**	**4**	**5**	**Amber**	000 ⇔ 255	0–100%
–	**–**	**5**	**6**	**Mint**	000 ⇔ 255	0–100%
–	**–**	**–**	**7**	**Strobe**	000 ⇔ 010	No function
					011 ⇔ 255	Strobe, slow to fast
–	**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
					001 ⇔ 255	-25–25
–	**5**	**6**	**8**	**Gobo rotator**	000 ⇔ 127	Index
					128 ⇔ 190	Clockwise rotation, fast to slow
					191 ⇔ 192	Stop
					193 ⇔ 255	Counterclockwise rotation, slow to fast

HSV

Channel	Function	Value	Percent/Setting
1	**Hue**	000 ⇔ 255	0–100%
2	**Saturation**	000 ⇔ 255	0–100%
3	**Value**	000 ⇔ 255	0–100%
4	**Gobo rotator**	000 ⇔ 127	Index
		128 ⇔ 190	Clockwise rotation, fast to slow
		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:
1. Unplug the product from power.
2. Wait until the product is at room temperature.
3. Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external vents.
4. Clean all transparent surfaces with a mild soap solution, 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.

(i) **Always dry the transparent surfaces carefully after cleaning them.**

6. Technical Specifications

Dimensions and Weight

	Length	Width	Height	Weight
Fixture only	20.84 in (529.3 mm)	12.72 in (323 mm)	19.75 in (501.7 mm)	20.6 lbs (9.34 kg)

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	368 W	354 W	345 W	342 W	341 W
Operating Current	3.67 A	2.99 A	1.70 A	1.56 A	1.48 A
Power-linking current (products)	13.6 A (3 products)	13.6 A (4 products)	13.6 A (7 products)	13.6 A (7 products)	13.6 A (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

Type	Color	Quantity	Power	Current	Lifespan	Color Temperature
LED	Red Green Blue Royal blue Amber Mint	12 19 3 9 24 24	3.5–10 W	2.4 A	50,000 hours	6333 K

Photometrics

Parameter	19°	26°	36°	50°
Beam angle	17.6°	26°	32.8°	50°
Field angle	20.8°	28.2°	37°	54.2°
Illuminance @ 5 m (lux)	5,377	3,300	1,977	864
Lumens	10,185	12,178	11,888	12,274

Thermal

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

DMX

I/O Connector	Channel Range
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 IP	OVATIONREVEE3IP	03121923	781462222710

RoHS

DMX RDM ✓

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

FC UKCA C€

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.

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: 3360 Davie Rd.	Voice: (844) 393-7575
Davie, FL 33314	Fax: (954) 756-8015
Voice: (954) 577-4455	Email: chauvetcs@chauvetlighting.com
Fax: (954) 929-5560	
Toll Free: (800) 762-1084	Website: www.chauvetprofessional.com
Chauvet U.K.	
Address: Unit 1C	Email: UKtech@chauvetlighting.eu
Brookhill Road Industrial Estate	
Pinxton, Nottingham, UK	Website: www.chauvetprofessional.eu
NG16 6NT	
Voice: +44 (0) 1773 511115	
Fax: +44 (0) 1773 511110	
Chauvet Benelux	
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	Email: FRtech@chauvetlighting.fr
91380 Chilly-Mazarin	
France	Website: www.chauvetprofessional.eu
Voice: +33 1 78 85 33 59	
Chauvet Germany	
Address: Bruno-Bürgel-Str. 11	Email: DEtech@chauvetlighting.de
28759 Bremen	
Germany	Website: www.chauvetprofessional.eu
Voice: +49 421 62 60 20	
Chauvet Mexico	
Address: Av. de las Partidas 34 - 3B	Email: servicio@chauvet.com.mx
(Entrance by Calle 2)	
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.