COLORADO SOLO POD E

User Manual

Model ID: COLORADOSOLOPODE

CHAUVET PROFESSIONAL

Edition Notes

The COLORado Solo Pod E User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the COLORado Solo Pod E as of the release date of this edition.

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Document Printing

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

Intended Audience

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

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Document Revision

Go to www.chauvetprofessional.com for the latest version.

Revision	Date	Description
2	07/2026	Corrected auto program DMX values in DMX chart

TABLE OF CONTENTS

1. Before You Begin

What Is Included

- COLORado Solo Pod E
- Seetronic Powerkon IP65 power cable
- Gel frame holder
- 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 a claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

Text Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
<ENTER>	A key to be pressed on the product's control panel

Symbols

Symbol	Meaning
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.

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

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

Connection of the control signal: DMX line

- **The product has XLR sockets for DMX input and output.**
- **Notice: This control circuit is isolated and belongs to the Class 2 data port.**

The control circuit has a cumulative leakage current of less than 3.5 mA.

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.

- The luminaire is intended for professional use only.
- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 1.6 ft (0.5 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 its service agent.
- The light source contained in this luminaire shall only be replaced by the manufacturer or its service agent or a similar qualified person.
- **CAUTION:**
  - This product's housing may be hot when operating. Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
  - When transferring the 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 the product to fully acclimate to the surrounding environment before connecting it to power.
  - Flashing light is known to trigger epileptic seizures. User must comply with local laws regarding notification of strobe use.
- **ALWAYS:**
  - Disconnect from power before cleaning the product or replacing the fuse.
  - When using an IP65-rated product in an outdoor environment, use IP65- (or higher) rated power and data cable.
  - Replace and secure IP-rated protective covers to all power, data, USB, or other ports when not in use.
  - Replace the fuse with the same type and rating.
  - Use a safety cable when mounting this product overhead.
  - Connect this product to a grounded and protected circuit.
- **DO NOT:**
  - Open this product. It contains no user-serviceable parts.
  - Look at the light source when the product is on.
  - Leave any flammable material within 50 cm of this product while operating or connected to power.
  - Connect this product to a dimmer or rheostat.
  - Operate this product if the housing, lenses, or cables appear damaged.
  - Submerge this product (adhere to standards for the published IP rating). Regular outdoor operation is fine.
  - Permanently install outdoors 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 normal temperatures exceed the temperature ranges in this manual.
    - Locations that are prone to flooding or being buried in snow.
    - Other areas where the product will be subject to extreme radiation or caustic substances..
- ONLY use the hanging/mounting bracket to carry this product.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this 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.
- 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.
- In the event of a serious operating problem, stop using immediately.

If this Chauvet product requires service, contact Chauvet Technical Support.

FCC Statement of 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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

Expected LED Lifespan

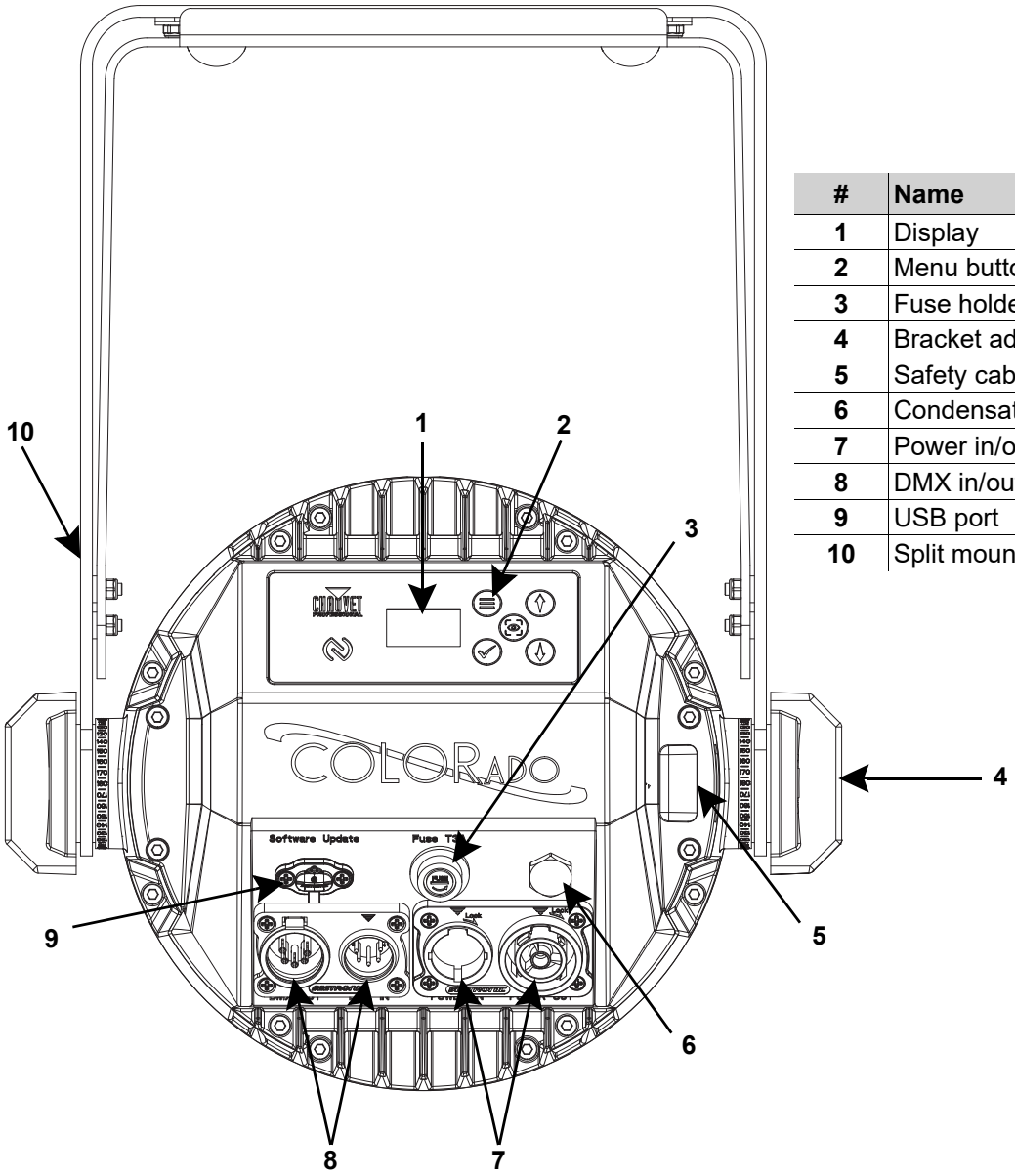
Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product,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

2. Introduction

Features

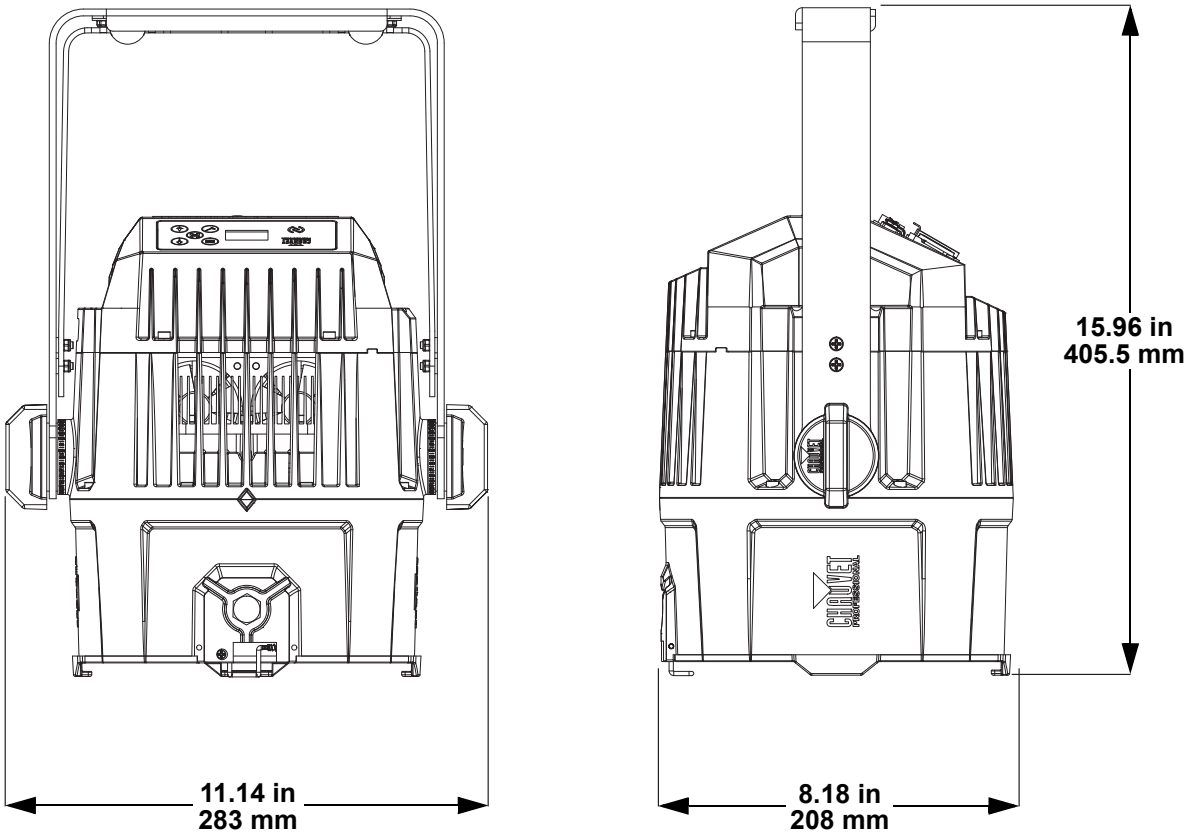
- RGBL LED wash with electronic frost for indoor or outdoor touring, rental, and production
- All environment operation with IP65 rating
- Variable electronic frost diffuses the beam into a wide, soft, and evenly mixed wide wash
- Single-source optics for perfect shadows and direct view visual appeal

Product Overview



#	Name
1	Display
2	Menu buttons
3	Fuse holder
4	Bracket adjustment knob
5	Safety cable pass-through
6	Condensation valve
7	Power in/out
8	DMX in/out
9	USB port
10	Split mounting bracket

Product Dimensions



3. Setup

AC Power

The COLORado Solo Pod E has an auto-ranging power supply and it can work with an input voltage range of 100 to 240 VAC, 50/60 Hz.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.

- **Always connect the product to a protected circuit (a circuit breaker or fuse). Ensure 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 COLORado Solo Pod E comes with a power input cable terminated with a Seetronic Powerkon A connector on one end and an Edison plug on the other end (U.S. market). If the power cable which came with the product has no plug, or if it is necessary to change the plug, use the table below to wire a plug.

The COLORado Solo Pod E comes with a power input cable terminated with a Seetronic Powerkon A connector on one end and bare wire on the other end (U.S. market). Use the table below to wire a plug.

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

Fuse Replacement

1. Disconnect this product from the power outlet.
2. Using a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse and replace with another fuse of the same type and rating (T/F 4A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

Power Linking

It is possible to power link COLORado Solo Pod E products. See the table below for the current draw at each voltage and frequency:

	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 50 Hz
Current Draw	1.93 A	1.59 A	0.93 A	0.86 A	0.83 A
Resting	0.11 A	0.11 A	0.13 A	0.13 A	0.13 A

Never exceed 12 A on a single circuit. Power-linking cables can be purchased separately.

DMX Linking

The COLORado Solo Pod E can be linked to a DMX controller using a 5-pin DMX connection. If using other DMX-compatible products with this product, it's possible to control each individually with a single DMX controller.

DMX Personalities

The COLORado Solo Pod E uses a 5-pin DMX data connection for its 9 DMX personalities, ranging from **1Ch** to **16Ch**.

- Refer to the Operation chapter to learn how to configure the COLORado Solo Pod E to work in these personalities.
- The Control Channel Assignments and 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 the DMX controller's User Manual or with the manufacturer as not all DMX controllers have this capability. The COLORado Solo Pod E supports RDM protocol that allows feedback to make changes to menu map options.

Master/Slave Connectivity

The Master/Slave mode allows an COLORado Solo Pod E (the master) to control one or more COLORado Solo Pod E products (the slaves) without a DMX controller. One COLORado Solo Pod E becomes the master when running an auto 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.**

USB Software Update

The COLORado Solo Pod E allows for software updates with a USB device using the built-in USB port. To update the software using a USB flash drive, do the following:

1. Power on the product, and plug the flash drive into the USB port.
2. Navigate to **USB Update** in the main menu.
3. Select from **Only This Unit**, **Multiple Fixture**, **Other Fixture Type**, or **Fixture to Fixture**. A list of the updated software files will be displayed.
4. Select the file that needs to be uploaded. The message "**Are you sure?**" will be displayed. Press <**ENTER**>.

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.

5. If the selected file is correct, the upgrade will start. DO NOT turn off the power or disconnect the USB during the process. USB update can take several minutes to complete.
6. When the update is completed, the fixture will automatically reboot.
7. Go to Fixture Information on the product's menu map and confirm the firmware revision.
8. When the boot-up process is finished, restart the product.

- Place the .chl file in the root directory of the USB drive.
- The product's USB port supports up to 32GB capacity and only works with FAT32 file format.

Turning off the power, removing the USB, or not setting the fixture to the correct protocol during the update can cause partial or total firmware failure in the targeted fixture(s). Please refer to Force Upload section to fix firmware failure issues.

Force Upload

A Force Upload is done whenever a software update fails due to accidental removal of the USB flash drive, incorrect control protocol, or loss of power during a regular software update process.

- **A Force Upload process requires a target fixture (the fixture that needs a Force Upload and a main fixture (the fixture that controls the upload process).**
- **The Force Upload process can only be done one target fixture at a time.**

To do a Force Upload, follow the instructions below:

1. Link the target fixture to the main fixture via a DMX 5-pin connection. Ensure that the target fixture is turned off.
2. Turn on the main fixture and set its protocol to **DMX512**.
3. Plug the flash drive into the USB-C port of the main fixture.
4. Go to Upgrade Firmware on the menu map.
5. Choose between **Multiple Fixture** and **Other Fixture Type**. Press **<ENTER>**.
   - **Multiple Fixture:** Both the target fixture and main fixture are from the same product line (e.g., 2 COLORado Solo Pod E fixtures).
   - **Other Fixture Type:** The target fixture and main fixture are from different product series (e.g., a COLORado Solo Pod E as the target fixture and a Maverick Silens 2 Profile as the main fixture).
6. Select the file that needs to be uploaded. The message "**Are you sure?**" will appear on the screen. Press **<ENTER>**. Turn on the target fixture within 1–2 seconds of pressing **<ENTER>**. The display on the target fixture should remain off.
   a. The main fixture will show the update progress (0–100%).
   b. The target fixture's display will turn on, and a notification "**<UPDATE>**" will appear on the screen.

The timing of when the target fixture's display will turn on varies from fixture to fixture.

7. DO NOT turn off power or remove the USB flash drive. Once the software is done uploading, the target fixture will automatically reboot.
8. Go to the target fixture's main menu and confirm that the firmware version has been updated.
9. Reboot the target fixture.

Mounting

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

Orientation

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

Rigging

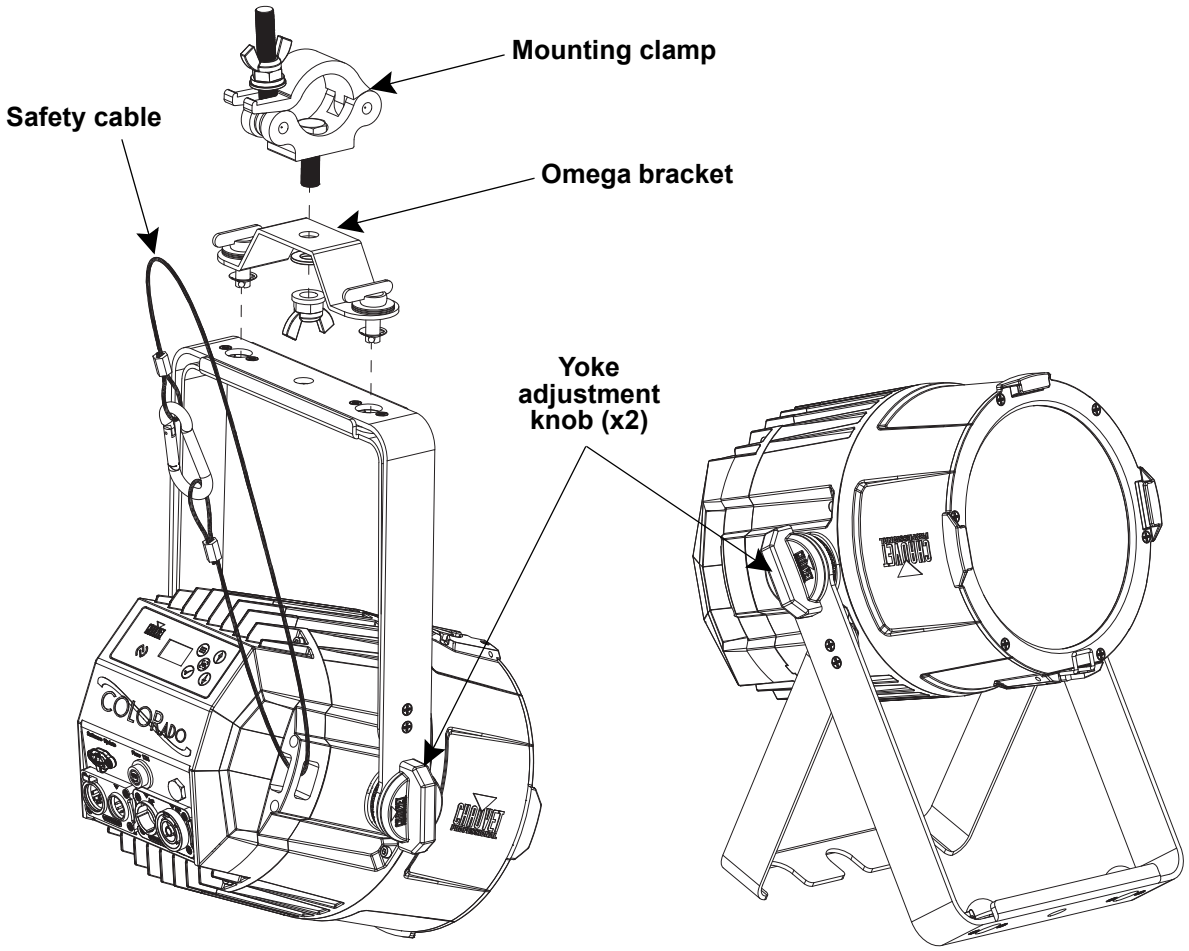
Chauvet recommends using the following general guidelines when mounting this product.

- Before deciding on a location for the product, make sure there is easy access to the product for maintenance and programming purposes.
- Make sure that the structure and attachment points can support the weight before hanging the product (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 COLORado Solo Pod E comes with an Omega/adjustable bracket. The user can directly attach a mounting clamp (sold separately) to this Omega bracket. Make sure the clamp is capable of supporting the weight of this product. For the Chauvet Professional line of mounting clamps, go to http://www.trusst.com/products.

Mounting Diagram



Overhead mounting **Surface mounting**

4. Operation

Control Panel Description

Button	Name	Function
	**<Up>**	Navigates upwards through the menu or increases the numeric value of a function
	**<Menu>**	Exits the current menu or function
	**<Down>**	Navigates downwards through the menu or decreases the numeric value of a function
	**<Enter>**	Enables the currently displayed menu or sets a selected value into a function
	**<Focus Mode>**	Sets fixture into Focus Mode, which takes the unit to full power for easy focusing without changing any other fixture settings. Press again to release from Focus Mode.

Programming

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

- To access the main menu, press **<MENU>**.
- To access the main menu from the DMX Configuration, press **<MENU>**.
- To navigate to the desired option in the main menu, press **<MENU>** repeatedly until the option is indicated, or use **<UP>** or **<DOWN>** to navigate directly.
- Press **<ENTER>** to select the indicated option.
- Use **<UP>** or **<DOWN>** to navigate within a programming level until the desired option is indicated.
- To return to the main menu, press **<MENU>** repeatedly until it shows on the display.
- Press and hold **<MENU>** to return to the home screen.

Passcode

When prompted, enter the following passcode: **<UP>**, **<DOWN>**, **<UP>**, **<DOWN>**, **<ENTER>**.
It is not possible to change this passcode.

Menu Map

Refer to the COLORado Solo Pod E product page on www.chauvetprofessional.com for the latest menu map.

Main Menu	Programming Levels				Description
DMX Address	**Address**		**<001–512*>**		Selects DMX address (*Highest channel restricted to personality chosen)
DMX Channel	**1Ch**				1-channel: dimmer
	5Ch1				5-channel: dimmer, color macro, color temperature, hue, frost
	5Ch2				5-channel: red, green, blue, lime, frost
	7Ch				7-channel: dimmer, red, green, blue, lime, strobe, frost
	11Ch				11-channel: dimmer, 16-bit dimmer, red, green, blue, lime, strobe, color macro, color temperature, hue, frost
	12Ch				12-channel: dimmer, 16-bit dimmer, red, 16-bit red, green, 16-bit green, blue, 16-bit blue, lime, 16-bit lime, strobe, frost
	13Ch				13-channel: dimmer, red, green, blue, lime, strobe, color macro, color temperature, hue, auto programs, auto speed, control, frost
	16Ch				16-channel: dimmer, 16-bit dimmer, red, 16-bit red, green, 16-bit green, blue, 16-bit blue, lime, 16-bit lime, strobe, color macro, color temperature, hue, control, frost
	HSV				3-channel: hue, saturation, value
Static	**Virtual Color Wheel**	**C3050–Md Yellow**		**Dimmer 0–255**	Virtual Color Wheel simulates the output of each gel color. Refer to the Virtual Color Wheel Chart for specific values.
		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			

Main Menu	Programming Levels			Description
Static (cont.)	Virtual Color Wheel cont.	C4370–Yel Green	Dimmer 0–255	Virtual Color Wheel simulates the output of each gel color. Refer to the Virtual Color Wheel Chart for specific values.
		C4070–Green		
		C4550–Turquoise		
		C4560–Aqua		
		C4570–Blue Green		
	Color Temperature	2800K	Dimmer 0–255 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.
		2900K		
		3000K		
		3100K		
		3200K		
		3300K		
		3400K		
		3500K		
		3600K		
		3700K		
		3800K		
		3900K		
		4000K		
		4100K		
		4200K		
		4300K		
		4400K		
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		4800K		
		4900K		
		5000K		
		5100K		
		5200K		
		5300K		
		5400K		
		5500K		
		5600K		
		5700K		
		6000K		
		6500K		
		7000K		
		7500K		
		8000K		
	Manual Color Mixer	Red	0–255	Combines red, green, blue, and lime to make a custom color (0–100%)
		Green		
		Blue		
		Lime		

Main Menu	Programming Levels			Description
Static (cont.)	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		Speed 1–100	Selects automatic programs and speed
Frost	Frost		<000–255>	Adjusts beam angle from narrow to wide
Red Shift	On			Enables or disables red shift
	Off			
Master/ Slave	Master			Standalone mode
	Slave			Slave mode
Dimmer Curve	S Curve			Sets the dimmer curve
	Linear			
	Square			
	Inverse Square			
Dimmer Mode	Off			Instantaneous dimmer
	Dimmer 1–3			Dimmer mode, fast (**1**) to slow (**3**)
Color Calibration	Off			Color calibration off
	User Calibration	Red	<125–255>	Sets maximum red LED value
		Green		Sets maximum green LED value
		Blue		Sets maximum blue LED value
		Amber		Sets maximum amber LED value
		Mint		Sets maximum mint LED value
	Factory Calibration			Color calibration set by factory
LED Frequency	750Hz			Sets the Pulse Width Modulation frequency
	1200Hz			
	2000Hz			
	4000Hz			
	6000Hz			
	25KHz			
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
	TV25			Maintains LED output up to an ambient temperature of 77° F (25° C). When using this fan mode, set the **LED Frequency** to **6000Hz** to prevent possible harmonization noise.
Back Light	10S			Turns off display backlight after 10 seconds of inactivity
	30S			Turns off display backlight after 30 seconds
	2Min			Turns off display backlight after 2 minutes of
	Always On			Display backlight always on
Key Lock	On			Locks the display. Passcode: **<UP>**, **<DOWN>**, **<UP>**, **<DOWN>**, **<ENTER>**
	Off			

Main Menu	Programming Levels		Description
Information	Fixture Hours	<_ _ _ _ _H>	Shows total hours the product has been powered on
	LED Hours	<_ _ _ _ _H>	Shows total hours the LEDs have been powered on
	DISP1	<V_._ _>	Shows current display version
	DISP2	<V_._ _>	Shows current driver version
	UID	21A40 _ _ _ _ _ _ _	Shows product UID
USB Update	Only This Fixture	_ _ _ _ _ _.CHL	Selects an update file for this product, or shows "**No such file!**"
		...	
	Multiple Fixture	_ _ _ _ _ _.CHL	Selects an update file for this and connected COLORado Solo Pod E products, or shows "**No such file!**"
		...	
	Other Fixture Type	_ _ _ _ _ _.CHL	Selects an update file for other connected products, or shows "**No such file!**"
		...	
	Fixture to Fixture	Are you sure?	Uploads current firmware to connected products
Factory Reset	No		Resets the product to factory default settings
	Yes		

DMX Configuration

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

DMX Personalities

To set the DMX personality:

1. Go to the **DMX Channel** main level.
2. Select the desired personality, from **1Ch**, **5Ch1**, **5Ch2**, **7Ch**, **11Ch**, **12Ch**, **13Ch**, **16Ch**, or **HSV**.

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

Starting Address

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

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

Personality	Highest Address	Products per Universe
1Ch	512	512
5Ch1, 5Ch2	508	102
7Ch	506	73
11Ch	502	46
12Ch	501	42
13Ch	500	39
16Ch	497	32
HSV	509	128

Virtual Color Wheel

The COLORado Solo Pod E 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 Value	Display Readout	DMX Value	Display Readout
000 ⇔ 005	**--**	131 ⇔ 138	**C6020–Lt Lavender**
006 ⇔ 013	**C3050–Md Yellow**	139 ⇔ 146	**C5030–Lt Blue**
014 ⇔ 021	**C3040–Lt Yellow**	147 ⇔ 154	**C5020–VLt Blue**
022 ⇔ 028	**C3240–Amb Yellow**	155 ⇔ 162	**C5430–Lt Blue2**
029 ⇔ 035	**C2340–VLt Amber**	163 ⇔ 170	**C5070–Blue**
036 ⇔ 043	**C2040–Lt Amber**	171 ⇔ 178	**C5050–Md Blue**
044 ⇔ 051	**C2050–Md Amber**	179 ⇔ 186	**C5060–Dk Blue**
052 ⇔ 059	**C2060–Dk Amber**	187 ⇔ 194	**C5690–Indigo**
060 ⇔ 067	**C1050–Lt Red**	195 ⇔ 202	**C5080–VDk Blue**
068 ⇔ 075	**C1080–Md Red**	203 ⇔ 210	**C5081–VDk Blue2**
076 ⇔ 083	**C1020–NC Pink**	211 ⇔ 218	**C4370–Yel Green**
084 ⇔ 091	**C1030–Md Pink**	219 ⇔ 226	**C4070–Green**
092 ⇔ 099	**C1630–Dk Pink**	227 ⇔ 234	**C4550–Turquoise**
100 ⇔ 107	**C1250–Md Red Amber**	235 ⇔ 242	**C4560–Aqua**
108 ⇔ 115	**C1060–Dk Red Amber**	243 ⇔ 250	**C4570–Blue Green**
116 ⇔ 121	**C1650–Magenta**	251 ⇔ 255	**--**
122 ⇔ 130	**C6170–Dk Magenta**		

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

DMX Value	Temperature	R	G	B	A	M	DMX Value	Temperature	R	G	B	A	M
000 ⇔ 005	**No function**						125	**4500K**	174	078	107	255	204
006	**2800K**	253	000	025	255	145	126 ⇔ 131	**4501–4599K**					
007 ⇔ 012	**2801–2899K**						132	**4600K**	170	080	112	255	204
013	**2900K**	253	003	028	255	153	133 ⇔ 138	**4601–4699K**					
014 ⇔ 019	**2901–2999K**						139	**4700K**	166	089	119	255	204
020	**3000K**	251	005	033	255	161	140 ⇔ 145	**4701–4799K**					
021 ⇔ 026	**3001–3099K**						146	**4800K**	164	098	123	255	203
027	**3100K**	248	007	036	255	169	147 ⇔ 152	**4801–4899K**					
028 ⇔ 033	**3101–3199K**						153	**4900K**	163	100	129	255	205
034	**3200K**	245	009	045	255	173	154 ⇔ 159	**4901–4999K**					
035 ⇔ 040	**3201–3299K**						160	**5000K**	163	103	137	255	206
041	**3300K**	242	013	047	255	182	161 ⇔ 166	**5001–5099K**					
042 ⇔ 047	**3301–3399K**						167	**5100K**	163	108	142	255	208
048	**3400K**	237	022	053	255	185	168 ⇔ 173	**5101–5199K**					
049 ⇔ 054	**3401–3499K**						174	**5200K**	163	116	147	255	208
055	**3500K**	230	030	058	255	185	175 ⇔ 180	**5201–5299K**					
056 ⇔ 061	**3501–3599K**						181	**5300K**	163	118	156	255	210
062	**3600K**	225	040	064	255	185	182 ⇔ 187	**5301–5399K**					
063 ⇔ 068	**3601–3699K**						188	**5400K**	162	122	162	255	216
069	**3700K**	221	048	070	255	185	189 ⇔ 194	**5401–5499K**					
070 ⇔ 075	**3701–3799K**						195	**5500K**	162	124	166	255	224
076	**3800K**	220	048	074	255	197	196 ⇔ 201	**5501–5599K**					
077 ⇔ 082	**3801–3899K**						202	**5600K**	162	127	172	255	229
083	**3900K**	220	050	079	255	203	203 ⇔ 208	**5601–5699K**					
084 ⇔ 089	**3901–3999K**						209	**5700K**	159	127	177	255	231
090	**4000K**	210	058	084	255	203	210 ⇔ 215	**5701–5999**					
091 ⇔ 096	**4001–4099K**						216	**6000K**	158	134	192	241	231
097	**4100K**	205	063	088	255	203	217 ⇔ 222	**6001–6499K**					
098 ⇔ 103	**4101–4199K**						223	**6500K**	152	152	206	225	231
104	**4200K**	199	068	095	255	204	224 ⇔ 229	**6501–6999K**					
105 ⇔ 110	**4201–4299K**						230	**7000K**	144	157	224	218	231
111	**4300K**	189	069	098	255	204	231 ⇔ 236	**7001–7499K**					
112 ⇔ 117	**4301–4399K**						237	**7500K**	127	172	238	218	231
118	**4400K**	183	071	103	255	204	238 ⇔ 243	**7501–7999K**					
119 ⇔ 124	**4401–4499K**						244 ⇔ 255	**8000K**	122	175	255	200	231

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.

DMX Channel Assignments and Values

Control Chart

Value	Percent/Setting
000 ⇔ 007	No function
008 ⇔ 015	Reset dimmer
016 ⇔ 023	Red shift on
024 ⇔ 031	Red shift off
032 ⇔ 039	S-curve dimmer
040 ⇔ 047	Linear dimmer
048 ⇔ 055	Square dimmer
056 ⇔ 063	Inverse square dimmer
064 ⇔ 071	Dimmer mode off
072 ⇔ 079	Dimmer mode 1 (fast)
080 ⇔ 087	Dimmer mode 2
088 ⇔ 095	Dimmer mode 3 (slow)
096 ⇔ 103	Fan mode auto
104 ⇔ 111	Fan mode on
112 ⇔ 119	Fan mode off

Value	Percent/Setting
120 ⇔ 127	Fan mode silent
128 ⇔ 135	Fan TV25
136 ⇔ 143	X-Fade speed off
144 ⇔ 151	X-Fade speed 1
152 ⇔ 159	X-Fade speed 2
160 ⇔ 167	X-Fade speed 3
168 ⇔ 172	X-Fade speed 4
173 ⇔ 177	PWM frequency 750 Hz (hold 3 sec)
178 ⇔ 182	PWM frequency 1200 Hz (hold 3 sec)
183 ⇔ 187	PWM frequency 2000 Hz (hold 3 sec)
188 ⇔ 192	PWM frequency 4000 Hz (hold 3 sec)
193 ⇔ 197	PWM frequency 6000 Hz (hold 3 sec)
198 ⇔ 202	PWM frequency 25000 Hz (hold 3 sec)
203 ⇔ 255	Reserved for future use

16 Ch / 13 Ch / 12 Ch / 11 Ch / 7 Ch / 5 Ch2 / 5 Ch1

5-1	5-2	7	11	12	13	16	Function	Value	Percent/Setting
1	–	1	1	1	1	1	Dimmer	000 ⇔ 255	0–100%
–	–	–	2	2	–	2	Fine dimmer	000 ⇔ 255	0–100%
–	1	2	3	3	2	3	Red	000 ⇔ 255	0–100%
–	–	–	–	4	–	4	Fine red	000 ⇔ 255	0–100%
–	2	3	4	5	3	5	Green	000 ⇔ 255	0–100%
–	–	–	–	6	–	6	Fine green	000 ⇔ 255	0–100%
–	3	4	5	7	4	7	Blue	000 ⇔ 255	0–100%
–	–	–	–	8	–	8	Fine blue	000 ⇔ 255	0–100%
–	4	5	6	9	5	9	Lime	000 ⇔ 255	0–100%
–	–	–	–	10	–	10	Fine Lime	000 ⇔ 255	0–100%
–	–	6	7	11	6	11	Strobe	000 ⇔ 010	No function
								011 ⇔ 255	Strobe, slow to fast
2	–	–	8	–	7	12	Color macro	000 ⇔ 255	See the Virtual Color Wheel Chart
3	–	–	9	–	8	13	Color temperature	000 ⇔ 255	See the Color Temperature Chart
4	–	–	10	–	9	14	Hue	000	0
								001 ⇔ 255	-25–25
–	–	–	–	–	10	–	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 (programs 1-4)
–	–	–	–	–	11	–	Auto speed	000 ⇔ 255	Auto speed, slow to fast
–	–	–	–	–	12	15	Control	000 ⇔ 255	See the Control Chart
5	5	7	11	12	13	16	Frost	000 ⇔ 255	0–100%

Hue

Channel	Function	Value	Percent/Setting
1	**Hue**	000 ⇔ 255	0–100%
2	**Saturation**	000 ⇔ 255	0–100%
3	**Value**	000 ⇔ 255	0–100%
4	**Frost**	000 ⇔ 255	0–100%

1Ch

Channel	Function	Value	Percent/Setting
1	**Dimmer**	000 ⇔ 255	0–100% (color set through display menu)

Standalone Configuration

Static Mode

The static mode options under **Virtual Color Wheel** also include preset color temperatures and a manual color mixer.

Virtual Color Wheel

To select from the Virtual Color Wheel:

1. Go to the **Virtual Color Wheel** main level.
2. Select the **Virtual Color Wheel** option.
3. Select the desired virtual gel color (see the Virtual Color Wheel Chart).
4. Set the **Dimmer** value (**0–255**).

Color Temperature

To select a preset color temperature via the menu map:

1. Go to the **Virtual Color Wheel** main level.
2. Select the **Color Temperature** option.
3. Select the desired color temperature (see the Color Temperature Chart).
4. Set the **Dimmer** value (**0–255**).
5. If desired, set the **Hue** value (**-25–25**).

To select a preset color temperature via the control knobs:

1. Press the **<Color Temperature &Hue>** knob twice.
2. Turn the **<Color Temperature &Hue>** knob to select a color temperature.
3. Press the **<Color Temperature &Hue>** knob once.
4. If desired, turn the **<Color Temperature &Hue>** knob to set the **Hue** value (**-25–25**).

Manual Color Mixer

To manually mix a custom static color:

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 **Lime**).
4. Set the value for the selected color (**0–255**).
5. Repeat steps 3 and 4 until product outputs as desired.

Color X-Fade Speed

To select the Virtual Color Wheel cross-fade speed:

1. Go to the **Virtual Color Wheel** main level.
2. Select **Color X-Fade Speed**.
3. Select the speed, from **Off** (snap), **X-Fade Speed 1** (fastest), **X-Fade Speed 2**, **X-Fade Speed 3**, or **X-Fade Speed 4** (slowest).

Standalone Dimmer

To set the dimmer value via the control knobs:

1. Press the **<Dimmer>** knob twice.
2. Turn the **<Color Temperature &Hue>** knob to set the **Dimmer** value (**0–255**).

Auto Show

To select an automatic program:

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

Zoom

To set the zoom level via the menu map:

1. Go to the **Zoom** main level.
2. Set the **Zoom** value (**000–255**).

To set the zoom level via the control knobs:

1. Press the **<Zoom>** knob twice.
2. Turn the **<Zoom>** knob to set the **Zoom** level (**0–100%**).

Settings Configuration

Red Shift

With red shift enabled, the color temperature will warm as the dimmer decreases in imitation of a lamp. To enable or disable the red shift function:

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

Master/Slave

To set the COLORado Solo Pod E product to master or slave mode:

1. Go to the **Master/Slave** main level.
2. Select from **Master** (sends control signal) or **Slave** (receives control signal).

- **Configure all the slave products before connecting the master to the daisy chain.**
- **Never connect a DMX controller to a DMX string configured for Master/Slave operation because the controller may interfere with the signals from the master.**
- **Do not connect more than 31 slaves to the master.**

Dimmer Curve

To set the dimmer curve:

1. Go to the **Dimmer Curve** main level.
2. Select from **S Curve**, **Linear**, **Square**, or **Inverse Square**.

Dimmer Speed Mode

To set the dimmer speed:

1. Go to the **Dimmer Mode** main level.
2. Select the dimmer speed mode from **Off** (instant), **Dimmer 1** (fastest), **Dimmer 2**, or **Dimmer 3** (slowest).

Color Calibration

To configure the color calibration:

1. Go to the **Color Calibration** main level.
2. Select from **Off**, **User Calibration**, or **Factory Calibration**.
3. If **User Calibration**, select the maximum color value to edit, from **Red**, **Green**, **Blue**, or **White**.
4. Set the maximum level for the selected color, from **125–255**.
5. Repeat steps 3–4 until the colors are calibrated as desired.

Pulse Width Modulation

To set the frequency of the pulse width modulation:

1. Go to the **LED Frequency** main level.
2. Select the PWM frequency, from **750Hz**, **1200Hz**, **2000Hz**, **4000Hz**, **6000Hz**, or **25KHz**.

Fan Mode

To set the fan mode:

1. Go to the **Fan Mode** main level.
2. Select the fan mode, from **Auto** (adjusts to product temperature), **On** (always on), **Off** (always off), or **Silent** (silent mode).

Display Backlight

To set how long the display will stay lit without activity:

1. Go to the **Back Light** main level.
2. Select from **10S** (10 seconds), **30S** (30 seconds), **2Min** (2 minutes), or **Always On**.

Key Lock

To enable or disable the passcode lock on the display:

1. Go to the **Key Lock** main level.
2. Select from **On** or **Off**.

Information

To view product information, such as the number of hours the product has been on, the driver firmware, etc., go to the **Information** main level.

Reset Zoom with Power

To set whether the zoom motor will reset when powering on the product:

1. Go to the **Reset Zoom w/Power** main level.
2. Select from **No** or **Yes**.

Factory Reset

To reset the product to factory default settings:

1. Go to the **Factory Reset** main level.
2. Select **No** (do not reset) or **Yes** (reset).

5. Maintenance

Product Maintenance

Dust build-up reduces light output performance and can cause overheating. This can lead to reduction of the light source's life and/or mechanical wear. To maintain optimum performance and minimize wear, clean each lighting product at least twice a month. However, be aware that usage and environmental conditions could be contributing factors to increase the cleaning frequency.

To clean the product, follow the instructions below:

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

Always dry the transparent surfaces carefully after cleaning them.

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

Torque Measurements

To maintain the IP rating when reassembling the product, use the given torque measurements for each of the following screws and bolts:

Fixture Parts	Torque Rating (Kgf.cm)	Torque Rating (lbf.in)
USB port screws	3-4	16.8-22.4
DMX and power in/out screws	6-7	33.6-39.2
Front and rear housing cover screws	20-21	112-117.6

Vacuum Test Measurements

Use the IP Tester from Chauvet Professional to ensure the product has been reassembled correctly by following the information below:

Parameters	Values
Method	Positive
Test pressure	8.9 kPa
Test duration	15 seconds
PASS state leak pressure	8 kPa

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
11.14 in (283 mm)	8.18 in (208 mm)	15.96 in (405.5 mm)	15.8 lb (7.2 kg)

Note: Dimensions in inches are rounded.

Power

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

Parameter	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 50 Hz
Consumption	192 W	190 W	187 W	189 W	187 W
Operating Current	1.93 A	1.59 A	0.93 A	0.86 A	0.83 A
Resting Current	0.11 A	0.11 A	0.13 A	0.13 A	0.13 A
Power Linking Current	12 A	12 A	12 A	12 A	12 A
Fuse	T/F 4 A , 250 V	T/F 4 A , 250 V	T/F 4 A , 250 V	T/F 4 A , 250 V	T/F 4 A , 250 V

Power I/O	U.S./Worldwide	UK/Europe
Power Input Connector	Seetronic Powerkon IP65	Seetronic Powerkon IP65
Power Output Connector	Seetronic Powerkon IP65	Seetronic Powerkon IP65
Power Cable plug	Edison	Local plug

Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	Red Green Blue Lime	12	180 W	1.3 A	50,000 hours

Photometrics

Color Temperature Range	Color Temperature at Full	CRI @ 3200 K
2800 to 8000 K	11,550 K	83.8

Beam Angle	Beam Angle (E-Frost)	Field Angle	Field Angle (E-Frost)
17.1°	54.7°	30.9°	128.9°

Illuminance @ 5 m	Illuminance @ 5 m (E-Frost)	Lumens	Lumens (E-Frost)
2673 lux	220_lux	8160	7030

Thermal

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

Control

DMX I/O Connector	Channel Range
3-pin or 5-pin XLR	1, 5, 7, 11, 12, 13, 16, or HSV

Ordering

Product Name	Item Name	Item Code	UPC Number
COLORado Solo Pod E	COLORADO1QSE	010322693	781462230418

UL 1573
CSA C22.2 No. 166
E113093

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Warranty & Returns

For warranty terms and conditions and return information, please visit our website.

For customers in the United States and Mexico: www.chauvetlighting.com/warranty-registration.

For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: www.chauvetlighting.eu/warranty-registration.