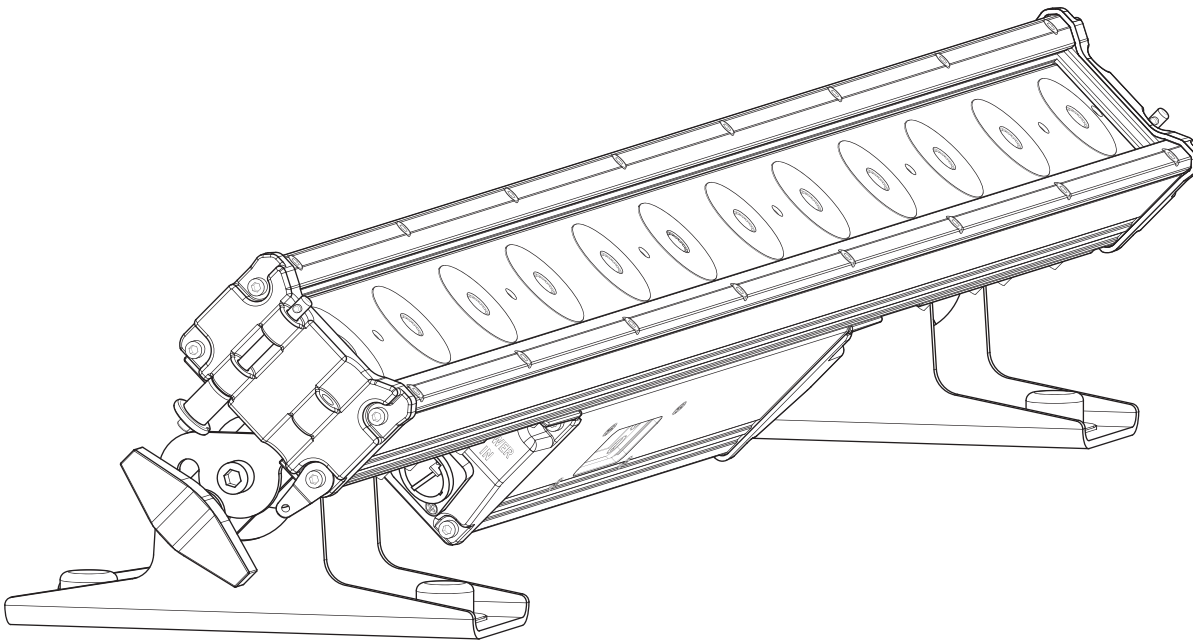


COLORDash Bar 3 IP

User Manual



Model ID: COLORDASHBAR3IP

Edition Notes

The COLORdash Bar 3 IP User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the COLORdash Bar 3 IP 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
1	07/2026	Initial release.

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Before You Begin

1. Before You Begin

What Is Included

- COLORdash Bar 3 IP
- Seetronic Powerkon IP65 power cable
- 2 omega brackets with mounting hardware
- 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 9.84 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 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.
 - 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.
 - 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.

Before You Begin

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.

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 the user. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Expected LED Lifespan

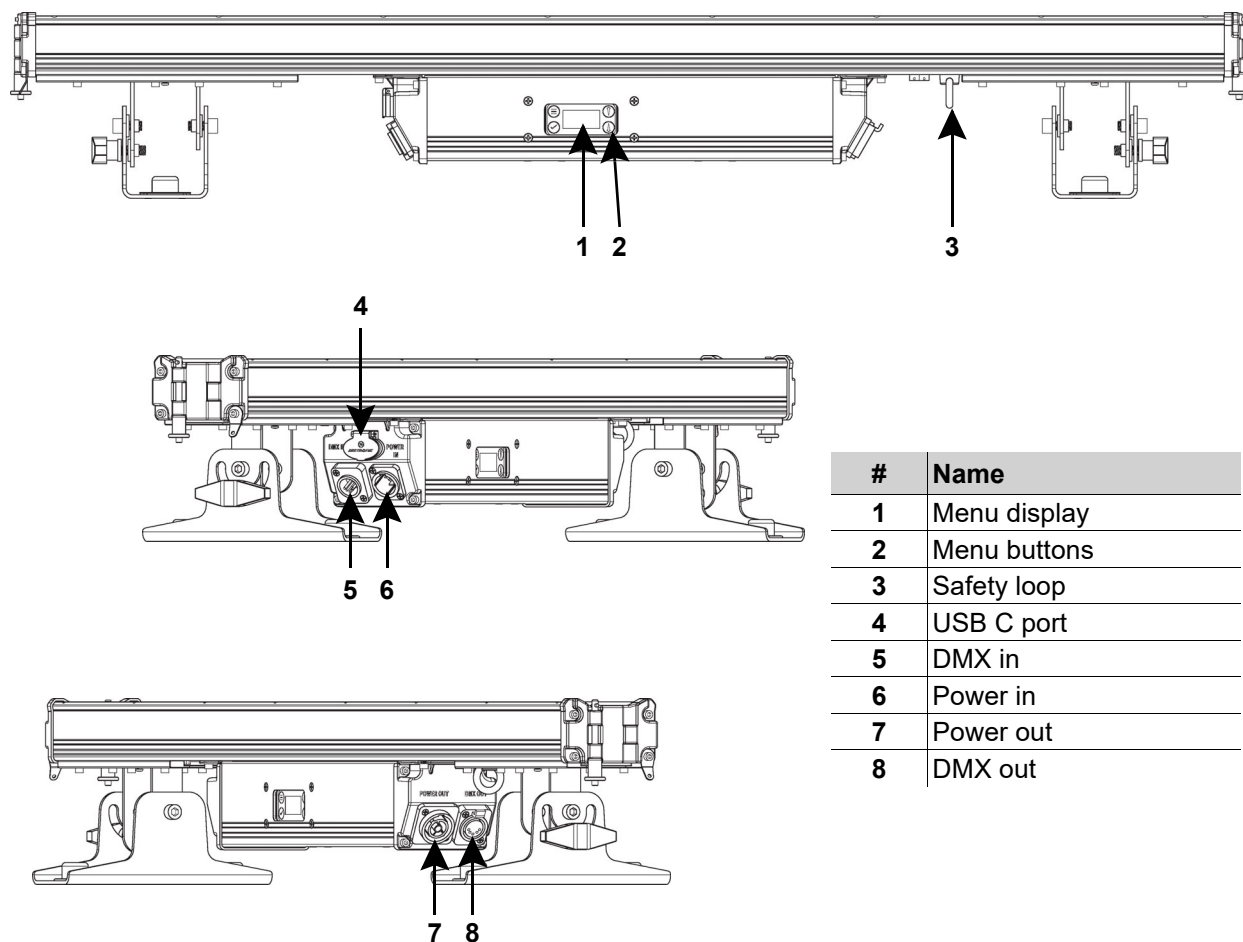
Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product,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

2. Introduction

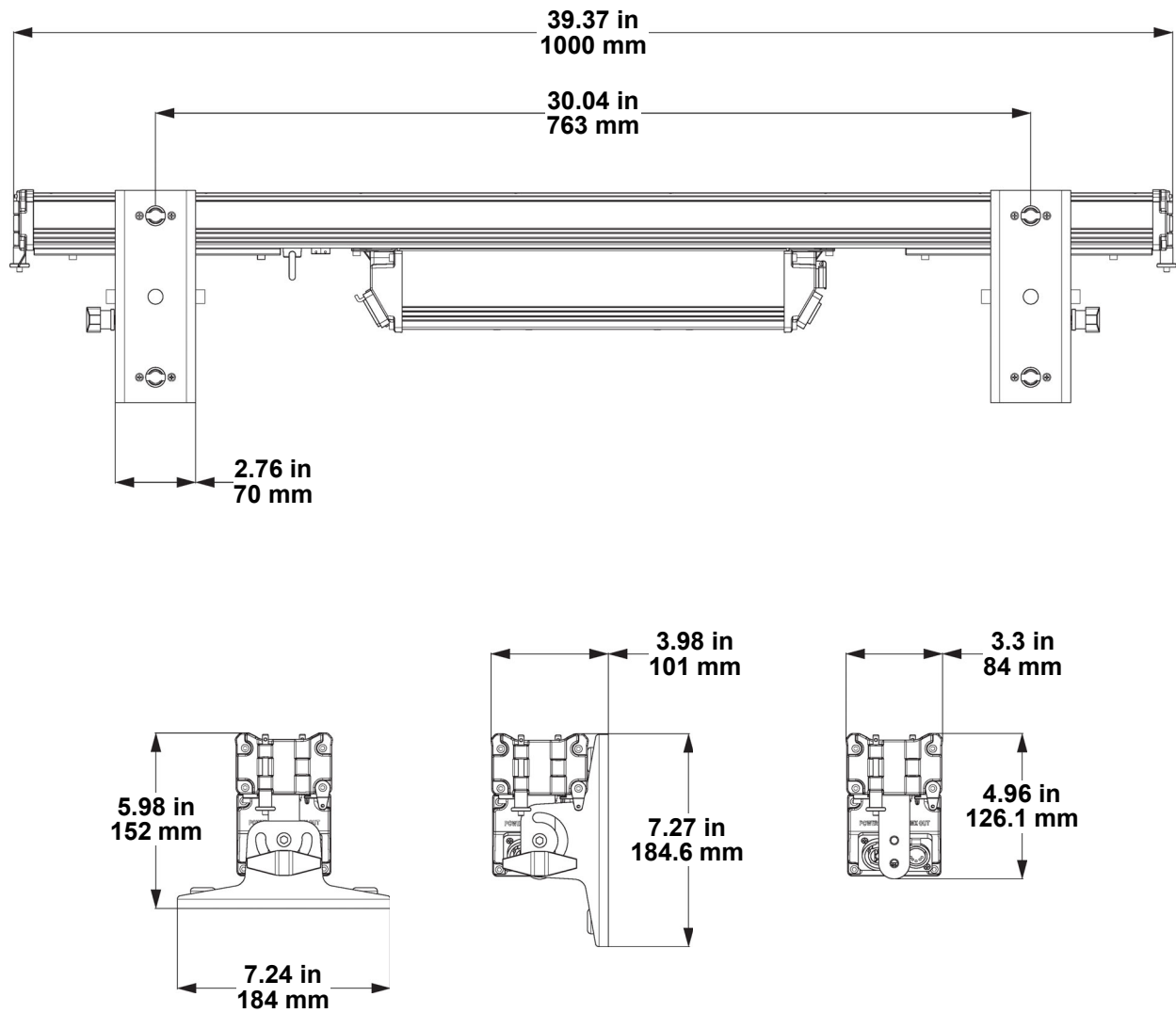
Features

- Rugged RGBWA-UV LED wash for events where indoor/outdoor flexibility is needed
- At home in any weather conditions with IP-rated power and DMX connections
- Exceptionally wide color palette from 6-color LEDs

Product Overview



Product Dimensions



3. Setup

AC Power

The COLORdash Bar 3 IP 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 COLORdash Bar 3 IP 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.

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

It is possible to power link COLORdash Bar 3 IP 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	1.64 A	1.36 A	0.80 A	0.73 A	0.71 A
Resting	0.10 A	0.10 A	0.10 A	0.10 A	0.10 A

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

DMX Linking

The COLORdash Bar 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's possible to control each individually with a single DMX controller.

DMX Personalities

The COLORdash Bar 3 IP uses a 5-pin DMX data connection for its 8 DMX personalities, ranging from **6 Ch** to **59 Ch**.

- Refer to the [Operation](#) chapter to learn how to configure the COLORdash Bar 3 IP to work in these personalities.
- The [DMX 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 COLORdash Bar 3 IP supports RDM protocol that allows feedback to make changes to menu map options.

Master/Slave Connectivity

The Master/Slave mode allows an COLORdash Bar 3 IP (the master) to control one or more COLORdash Bar 3 IP products (the slaves) without a DMX controller. One COLORdash Bar 3 IP 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 COLORdash Bar 3 IP allows for software updates with a USB device using the built-in USB port. To update the software using a USB type C flash drive, do the following:

1. Power on the product, and plug the flash drive into the USB port.
2. Once the flash drive has been detected, the message **"USB UPDATE"** will be displayed. Select **YES**.
3. The next screen will show the software versions available for this fixture on the USB drive. For multiple versions of the software for the same fixture, use **<UP>** or **<DOWN>** to select the desired version. Press **<ENTER>**.
4. The **"USB UPDATE"** screen will re-appear. Select **YES**.



It is possible to update multiple units with the USB if they are daisy chained via DMX.

5. The upgrade will start. **DO NOT** turn off the power or disconnect the USB while the USB LED is still blinking during the process. The screen display will read: **"USB Update Wait"**. The update can take several minutes to complete.
6. When the update is completed, the fixture will automatically reboot.
7. Go to **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 or removing the USB while the USB LED is still blinking during the update will cause partial or total firmware failure in the targeted fixture(s). If this occurs, please contact Chauvet.

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

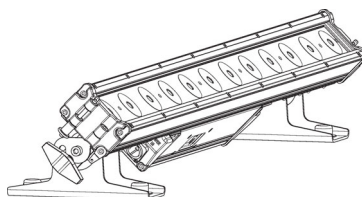
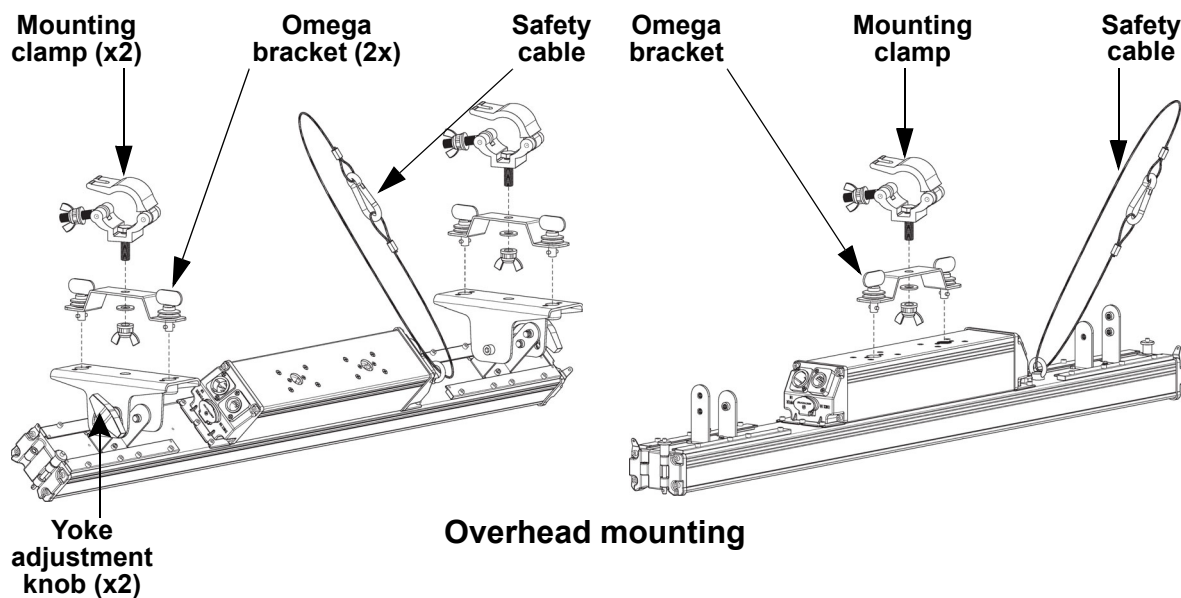
Chauvet recommends using the following general guidelines when mounting this product.

- 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 COLORdash Bar 3 IP comes with 2 Omega brackets. The user can directly attach mounting clamps (sold separately) to these Omega brackets. Make sure the clamps are 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

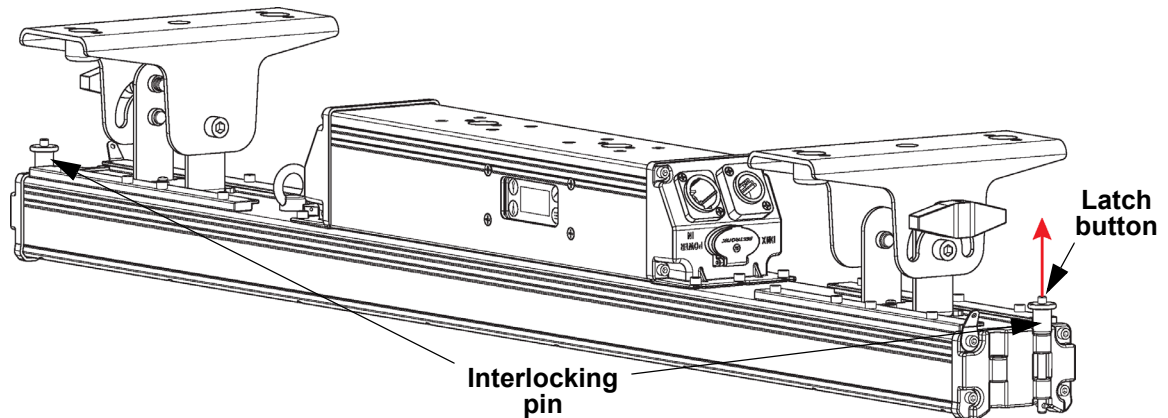


Surface mounting

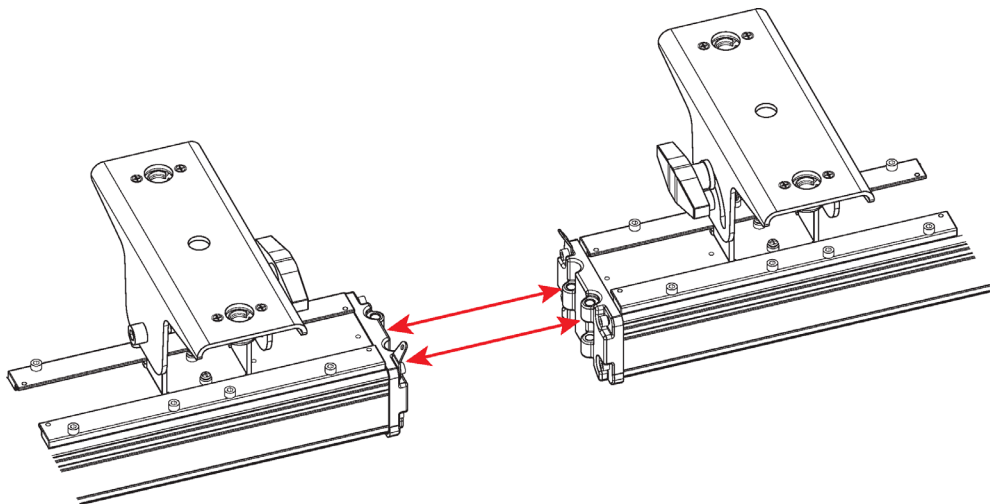
Interlocking Products

The COLORdash Bar 3 IP has an interlocking system to connect multiple COLORdash Bar 3 IP products together.

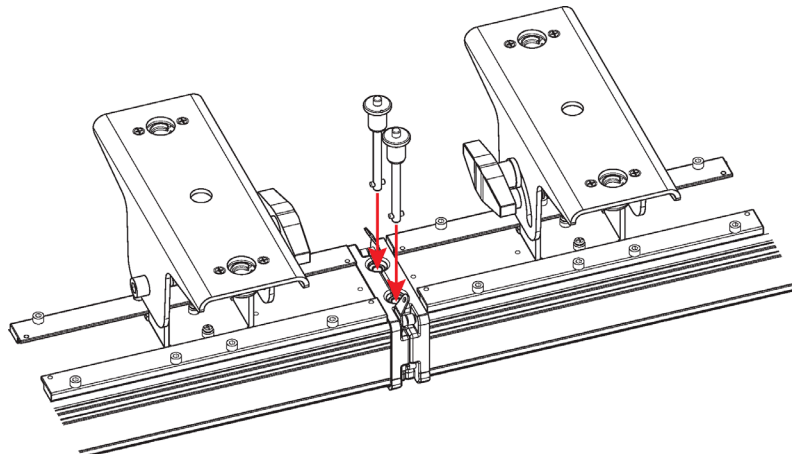
1. Press and hold the latch button to slide the interlocking pins of the connecting sides of both products out of their slots.



2. Align the interlocking slots of the second product with the interlocking slots of the first product.



3. Slide the interlocking pins through the aligned slots of both products.



4. Operation

Control Panel Description

Button	Name	Function
	<Menu>	Exits the current menu or function
	<Enter>	Enables the currently displayed menu or sets a selected value into a function
	<Up>	Navigates upwards through the menu or increases the numeric value of a function
	<Down>	Navigates downwards through the menu or decreases the numeric value of a function

Control Options

Set the COLORdash Bar 3 IP starting address in the **001-507** DMX range. This enables control of up to 85 products in the **6CH** personality.

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 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.

Control Panel Lock

The setting locks or unlocks the control panel.

1. Go to the **Key Lock** main level.
2. Select **On** (locks control panel) or **Off** (control panel stays unlocked).



When the control panel lock is activated, the product will prompt for the passcode in order to access the menu. Enter the passcode as described below.

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 COLORdash Bar 3 IP product page on www.chauvetprofessional.com for the latest menu map.

Main Level	Programming Levels		Description
DMX Address	001–507		Selects DMX address (highest channel restricted to personality chosen)
DMX Channel	6CH		6-channel: RGBAW+UV
	8CH		8-channel: dimmer, RGBAW+UV, strobe
	9CH		9-channel: 16-bit dimmer, RGBAW+UV, strobe
	13CH		13-channel: dimmer, RGBAW+UV, strobe, color macro, color temperature, auto program, auto speed, dimmer speed
	14CH		14-channel: 16-bit dimmer, RGBAW+UV, strobe, color macro, color temperature, auto program, auto speed, dimmer speed
	42CH		42-channel: 16-bit dimmer, 12-cell RGB, master AW+UV, strobe
	47CH		47-channel: 16-bit dimmer, 12-cell RGB, master AW+UV, strobe, color macro, color temperature, auto program, auto speed, dimmer speed
Static	Fixed Color	59CH	59-channel: 16-bit dimmer, 12-cell RGB and strobe, AW+UV, master strobe, color macro, color temperature, auto program, auto speed, dimmer speed
		R	Red
		G	Green
		B	Blue
		A	Amber
		W	White
		UV	Ultraviolet (UV)
		RG	Red and green
		RB	Red and blue
		RA	Red and amber
		RW	Red and white
		RUV	Red and UV
		GB	Green and blue
		GA	Green and amber
		GW	Green and white
		GUV	Green and UV
		BA	Blue and amber
		BW	Blue and white
		BUV	Blue and UV
		AW	Amber and white
		AUV	Amber and UV
		WUV	White and UV
		RGB	Red, green, and blue
		RGA	Red, green, and amber
		RGW	Red, green, and white
		RGUV	Red, green, and UV
		RBA	Red, blue, and amber
		RBW	Red, blue, and white
		RBUV	Red, blue, and UV
		RAW	Red, amber, and white
		RAUV	Red, amber, and UV
		Dimmer 000–255	

Main Level	Programming Levels			Description
Static (cont.)	Fixed Color (cont.)	RWUV	Dimmer 000–255	Red, white, and UV
		GBA		Green, blue, and amber
		GBW		Green, blue, and white
		GBUV		Green, blue, and UV
		GAW		Green, amber, and white
		GAUV		Green, amber, and UV
		GWUV		Green, white, and UV
		BAW		Blue, amber, and white
		BAUV		Blue, amber, and UV
		BWUV		Blue, white, and UV
		AWUV		Amber, white, and UV
		RGBA		Red, green, blue, and amber
		RGBW		Red, green, blue, and white
		RGBUV		Red, green, blue, and UV
		RGAW		Red, green, amber, and white
		RGAUV		Red, green, amber, and UV
		RGWUV		Red, green, white, and UV
		RBAW		Red, blue, amber, and white
		RBAUV		Red, blue, amber, and UV
		RBWUV		Red, blue, white, and UV
		RAWUV		Red, amber, white, and UV
		GBAW		Green, blue, amber, and white
		GBAUV		Green, blue, amber, and UV
		GBWUV		Green, blue, white, and UV
		GAWUV		Green, amber, white, and UV
		BAWUV		Blue, amber, white, and UV
		RGBAW		Red, green, blue, amber, and white
		RGBAUV		Red, green, blue, amber, and UV
		RGBWUV		Red, green, blue, white, and UV
		RGAWUV		Red, green, amber, white, and UV
		RBAWUV		Red, blue, amber, white, and UV
		GBAWUV		Green, blue, amber, white, and UV
		RGBAWUV		Red, green, blue, amber, white, and UV
	Color Temperature	Warm White 1	Dimmer 000–255	Preset white color temperatures
		Warm White 2		
		Warm White 3		
		Neutral White 1		
		Neutral White 2		
		Neutral White 3		
		Daylight 1		
		Daylight 2		
		Daylight 3		
		Daylight 4		
	Manual Color Mixer	Red	000–255	Combine red, green, blue, amber, white, and UV to make a custom color temperature
		Green		
		Blue		
		Amber		
		White		
		UV		

Operation

Main Level	Programming Levels			Description
Auto Show	Auto 1–5	001–100		Selects automatic programs and program speed
Master/ Slave	Master			Standalone mode (Master)
	Slave			DMX mode (Slave)
Dimmer Speed	Off			Linear dimmer
	Dimmer 1–3			Dimmer speed, fast (1) to slow (3)
White Balance	Off			Uses factory default white setting
	Manual	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
		White		Sets white LED maximum value
		UV		Sets UV LED maximum value
LED Frequency	600Hz			Sets the PWM frequency
	1200Hz			
	2000Hz			
	4000Hz			
	6000Hz			
	25kHz			
Cell Order	Left to Right			Sets the cell order
	Right to Left			
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			Locks display (password is <UP>, <DOWN>, <UP>, <DOWN>, <ENTER>)
	Off			
Information	Fixture Hours	<_ _ _ _H>		Shows total hours the product has been powered on
	Version	<V1.231201>		Shows current firmware version
	UID	<_ _ _ _ _>		Shows product UID
Reset Factory	NO			Resets the product to factory default settings
	YES			
System Update	NO			Update firmware via USB
	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 **6CH**, **8CH**, **9CH**, **13CH**, **14CH**, **42CH**, **47CH**, or **59CH**.



- 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
6CH	507	85
8CH	505	64
9CH	504	56
13CH	500	39
14CH	499	36
42CH	471	12
47CH	466	10
59CH	454	8

DMX Channel Assignments and Values

59CH / 47CH / 42CH

42	47	59	Function	Value	Percent/Setting
1	1	1	Dimmer	000 ⇔ 255	0–100%
2	2	2	Fine dimmer	000 ⇔ 255	0–100%
3	3	3	Red 1	000 ⇔ 255	0–100%
4	4	4	Green 1	000 ⇔ 255	0–100%
5	5	5	Blue 1	000 ⇔ 255	0–100%
–	–	6	Strobe 1	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
6	6	7	Red 2	000 ⇔ 255	0–100%
7	7	8	Green 2	000 ⇔ 255	0–100%
8	8	9	Blue 2	000 ⇔ 255	0–100%
–	–	10	Strobe 2	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
9	9	11	Red 3	000 ⇔ 255	0–100%
10	10	12	Green 3	000 ⇔ 255	0–100%
11	11	13	Blue 3	000 ⇔ 255	0–100%
–	–	14	Strobe 3	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
12	12	15	Red 4	000 ⇔ 255	0–100%
13	13	16	Green 4	000 ⇔ 255	0–100%
14	14	17	Blue 4	000 ⇔ 255	0–100%
–	–	18	Strobe 4	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
15	15	19	Red 5	000 ⇔ 255	0–100%
16	16	20	Green 5	000 ⇔ 255	0–100%
17	17	21	Blue 5	000 ⇔ 255	0–100%
–	–	22	Strobe 5	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
18	18	23	Red 6	000 ⇔ 255	0–100%
19	19	24	Green 6	000 ⇔ 255	0–100%
20	20	25	Blue 6	000 ⇔ 255	0–100%
–	–	26	Strobe 6	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
21	21	27	Red 7	000 ⇔ 255	0–100%
22	22	28	Green 7	000 ⇔ 255	0–100%
23	23	29	Blue 7	000 ⇔ 255	0–100%
–	–	30	Strobe 7	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
24	24	31	Red 8	000 ⇔ 255	0–100%
25	25	32	Green 8	000 ⇔ 255	0–100%
26	26	33	Blue 8	000 ⇔ 255	0–100%
–	–	34	Strobe 8	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
27	27	35	Red 9	000 ⇔ 255	0–100%
28	28	36	Green 9	000 ⇔ 255	0–100%

42	47	59	Function	Value	Percent/Setting
29	29	37	Blue 9	000 ⇔ 255	0–100%
–	–	38	Strobe 9	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
30	30	39	Red 10	000 ⇔ 255	0–100%
31	31	40	Green 10	000 ⇔ 255	0–100%
32	32	41	Blue 10	000 ⇔ 255	0–100%
–	–	42	Strobe 10	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
33	33	43	Red 11	000 ⇔ 255	0–100%
34	34	44	Green 11	000 ⇔ 255	0–100%
35	35	45	Blue 11	000 ⇔ 255	0–100%
–	–	46	Strobe 11	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
36	36	47	Red 12	000 ⇔ 255	0–100%
37	37	48	Green 12	000 ⇔ 255	0–100%
38	38	49	Blue 12	000 ⇔ 255	0–100%
–	–	50	Strobe 12	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
39	39	51	Amber	000 ⇔ 255	0–100%
40	40	52	White	000 ⇔ 255	0–100%
41	41	53	UV	000 ⇔ 255	0–100%
–	–	54	AWUV strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
42	42	–	Master strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
–	43	55	Color Macro	000 ⇔ 010	No function
				011	Red
				012 ⇔ 029	Red with green increasing
				030 ⇔ 031	Yellow
				032 ⇔ 049	Green with red decreasing
				050 ⇔ 051	Green
				052 ⇔ 069	Green with blue increasing
				070 ⇔ 071	Cyan
				072 ⇔ 089	Blue with green decreasing
				090 ⇔ 091	Blue
				092 ⇔ 109	Blue with red increasing
				110 ⇔ 111	Magenta
				112 ⇔ 129	Red with blue decreasing
				130 ⇔ 131	Red
				132 ⇔ 149	Red with green and blue increasing
				150 ⇔ 151	White
				152 ⇔ 169	Blue with red and green decreasing
				170	Blue
				171 ⇔ 200	Full output
				201 ⇔ 255	Color temperature, warm to cool

42	47	59	Function	Value	Percent/Setting
–	44	56	Color temperature	000 ⇔ 005	No function
				006 ⇔ 025	Warm white 1
				026 ⇔ 050	Warm white 2
				051 ⇔ 075	Warm white 3
				076 ⇔ 100	Neutral white 1
				101 ⇔ 125	Neutral white 2
				126 ⇔ 150	Neutral white 3
				151 ⇔ 175	Daylight 1
				176 ⇔ 200	Daylight 2
				201 ⇔ 225	Daylight 3
				226 ⇔ 250	Daylight 4
				251 ⇔ 255	No function
–	45	57	Automatic program	000 ⇔ 010	No function
				011 ⇔ 060	Automatic program 1
				061 ⇔ 110	Automatic program 2
				111 ⇔ 160	Automatic program 3
				161 ⇔ 210	Automatic program 4
–	46	58	Automatic speed	211 ⇔ 255	Automatic program 5
				000 ⇔ 255	Program speed, slow to fast
–	47	59	Dimmer mode	000 ⇔ 051	Preset dimmer speed from display menu
				052 ⇔ 101	Linear dimmer
				102 ⇔ 152	Dimmer mode 1 (fastest)
				153 ⇔ 203	Dimmer mode 2
				204 ⇔ 255	Dimmer mode 3 (slowest)

14CH / 13CH / 9CH / 8CH / 6CH

6	8	9	13	14	Function	Value	Percent/Setting
–	1	1	1	1	Dimmer	000 ⇔ 255	0–100%
–	–	2	–	2	Fine dimmer	000 ⇔ 255	0–100%
1	2	3	2	3	Red	000 ⇔ 255	0–100%
2	3	4	3	4	Green	000 ⇔ 255	0–100%
3	4	5	4	5	Blue	000 ⇔ 255	0–100%
4	5	6	5	6	Amber	000 ⇔ 255	0–100%
5	6	7	6	7	White	000 ⇔ 255	0–100%
6	7	8	7	8	UV	000 ⇔ 255	0–100%
–	8	9	8	9	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
–	–	–	9	10	Color Macro	000 ⇔ 010	No function
						011	Red
						012 ⇔ 029	Red with green increasing
						030 ⇔ 031	Yellow
						032 ⇔ 049	Green with red decreasing
						050 ⇔ 051	Green
						052 ⇔ 069	Green with blue increasing
						070 ⇔ 071	Cyan
						072 ⇔ 089	Blue with green decreasing
						090 ⇔ 091	Blue
						092 ⇔ 109	Blue with red increasing
						110 ⇔ 111	Magenta
						112 ⇔ 129	Red with blue decreasing
						130 ⇔ 131	Red
						132 ⇔ 149	Red with green and blue increasing
						150 ⇔ 151	White
						152 ⇔ 169	Blue with red and green decreasing
						170	Blue
						171 ⇔ 200	Full output
						201 ⇔ 255	Color temperature, warm to cool
–	–	–	10	11	Color temperature	000 ⇔ 005	No function
						006 ⇔ 025	Warm white 1
						026 ⇔ 050	Warm white 2
						051 ⇔ 075	Warm white 3
						076 ⇔ 100	Neutral white 1
						101 ⇔ 125	Neutral white 2
						126 ⇔ 150	Neutral white 3
						151 ⇔ 175	Daylight 1
						176 ⇔ 200	Daylight 2
						201 ⇔ 225	Daylight 3
						226 ⇔ 250	Daylight 4
						251 ⇔ 255	No function

Operation

6	8	9	13	14	Function	Value	Percent/Setting
–	–	–	11	12	Automatic program	000 ⇔ 010	No function
						011 ⇔ 060	Automatic program 1
						061 ⇔ 110	Automatic program 2
						111 ⇔ 160	Automatic program 3
						161 ⇔ 210	Automatic program 4
						211 ⇔ 255	Automatic program 5
–	–	–	12	13	Automatic speed	000 ⇔ 255	Program speed, slow to fast
–	–	–	13	14	Dimmer mode	000 ⇔ 051	Preset dimmer speed from display menu
						052 ⇔ 101	Linear dimmer
						102 ⇔ 152	Dimmer mode 1 (fastest)
						153 ⇔ 203	Dimmer mode 2
						204 ⇔ 255	Dimmer mode 3 (slowest)

Standalone Configuration

Fixed Color

To select a preset fixed color combination:

1. Go to the **Static** main level.
2. Select the desired combination of **R** (red), **G** (green), **B** (blue), **A** (amber), **W** (white), and/or **UV** (ultraviolet), from **R, G, B, A, W, UV, RG, RB, RA, RW, RUV, GB, GA, GW, GUV, BA, BW, BUV, AW, AUV, WUV, RGB, RGA, RGW, RGUV, RBA, RBW, RBUV, RAW, RAUV, RWUV, GBA, GBW, GBUV, GAW, GAUV, GWUV, BAW, BAUV, BWUV, AWUV, RGBA, RGBW, RGBUV, RGAW, RGAUV, RGWUV, RBAW, RBAUV, RBWUV, RAWUV, GBAW, GBAUV, GBWUV, GAWUV, BAWUV, RGBAW, RGBAUUV, RGBWUV, RGAWUV, RBAWUV, GBAWUV, or RGBAWUV**.

Color Temperature

To select a preset color temperature:

1. Go to the **Static** main level.
2. Select the **Color Temperature** option.
3. Select the color temperature, from **Warm White 1–3, Neutral White 1–3, or Daylight 1–4**.

Manual Color Mixer

To manually mix a custom static color:

1. Go to the **Static** main level.
2. Select the **Manual Color Mixer** option.
3. Select the color value to alter, from **Red, Green, Blue, Amber, White, or UV**.
4. Set the value of the selected color, from **000–255**.

Auto Show

To select an automatic program:

1. Go to the **Auto show** main level.
2. Select the program, from **Auto 1–5**.
3. Set the program speed, from **001–100**.

Settings Configuration

Master/Slave

To set the COLORdash Bar 3 IP 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 Speed Mode

To set the dimmer speed:

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

White Balance

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

1. Go to the **White Balance** main level.
2. Select from **Off** (uses factory default white setting) or **Manual** (uses a custom white balance).
3. Select the color value to alter, from **Red**, **Green**, **Blue**, **Amber**, **White**, or **UV**.
4. Set the maximum value of the selected color, from **125–255**.

LED Frequency

To adjust the frequency of the pulse width modulation:

1. Go to the **LED Frequency** main level.
2. Select the frequency, from **600Hz**, **1200Hz**, **2000Hz**, **4000Hz**, **6000Hz**, or **25kHz**.

Cell Order

To set the cell order:

1. Go to the **Cell Order** main level.
2. Select the direction from **Left to Right**, or **Right to Left**.

Back Light

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

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

Information

To view essential product information:

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

Factory Reset

To reset the product to factory settings:

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

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.

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)
Batten top cover 1	28.20	24.5
Batten top cover 2	28.50	24.7
Batten top cover 3	29.00	25.2
Batten top cover 4	28.50	24.7
Batten side plate 1	28.40	24.6
Batten side plate 2	28.66	24.9
Batten side plate 3	28.77	25.0
Batten side plate 4	29.00	25.2
Control box side plate 1	28.70	24.9
Control box side plate 2	28.70	24.9
Control box side plate 3	28.80	25.0
Control box side plate 4	28.50	24.7
Display cover 1	25.80	22.4
Display cover 2	25.90	22.5
Display cover 3	25.80	22.4
Display cover 4	25.60	22.2
Control box bottom plate 1	25.40	22.0
Control box bottom plate 2	25.40	22.0
Control box bottom plate 3	26.30	22.8
Control box bottom plate 4	25.60	22.2

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	15 kPa
Test duration	60 seconds
PASS state leak pressure	<0.1 kPa

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
39.37 in (1000 mm)	3.3 in (84 mm)	5.98 in (152 mm)	14.7 lb (6.7 kg)

Note: Dimensions in inches are rounded.

Power

Power Supply Type	Range		Voltage Selection		
Switching (internal)	100 to 240 VAC, 50/60 Hz		Auto-ranging		
Parameter	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 50 Hz
Consumption	163 W	162 W	161 W	161 W	163 W
Operating Current	1.64 A	1.36 A	0.80 A	0.73 A	0.71 A
Resting Consumption	3 W	3 W	3 W	3 W	3 W
Resting Current	0.10 A	0.10 A	0.11 A	0.10 A	0.10 A
Power Linking	12 A	12 A	12 A	12 A	12 A
Current (Products)	(7 products)	(8 products)	(15 products)	(16 products)	(16 products)
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	Lifespan
LED	RGBAW+UV	12	12 W	50,000 hours

Photometrics

Color Temperature at Full	Beam Angle	Field Angle	Illuminance @ 5 m	Lumens
22,316 K	20.2°	28.2°	1,226 lux	5,008

Thermal

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

Control

DMX I/O Connector	Channel Range
5-pin XLR	6, 8, 9, 13, 14, 42, 47, or 59

Ordering

Product Name	Item Name	Item Code	UPC Number
COLORdash Bar 3 IP	COLORDASHBAR3IP	10032758	781462231064



Contact Us

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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.