

COLORDash Accent 5X IP

User Manual



Model ID: COLORDASHACCENT5XIP

Edition Notes

The COLORdash Accent 5X IP User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the COLORdash Accent 5X IP as of the release date of this edition.

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Document Printing

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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	12/2025	Initial release.

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1. Before You Begin

What Is Included

- COLORdash Accent 5X IP
- Frosted 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 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
	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.



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 9.8ft (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:**
 - 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 ambient temperature is 14°F (-10°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.

Expected LED Lifespan

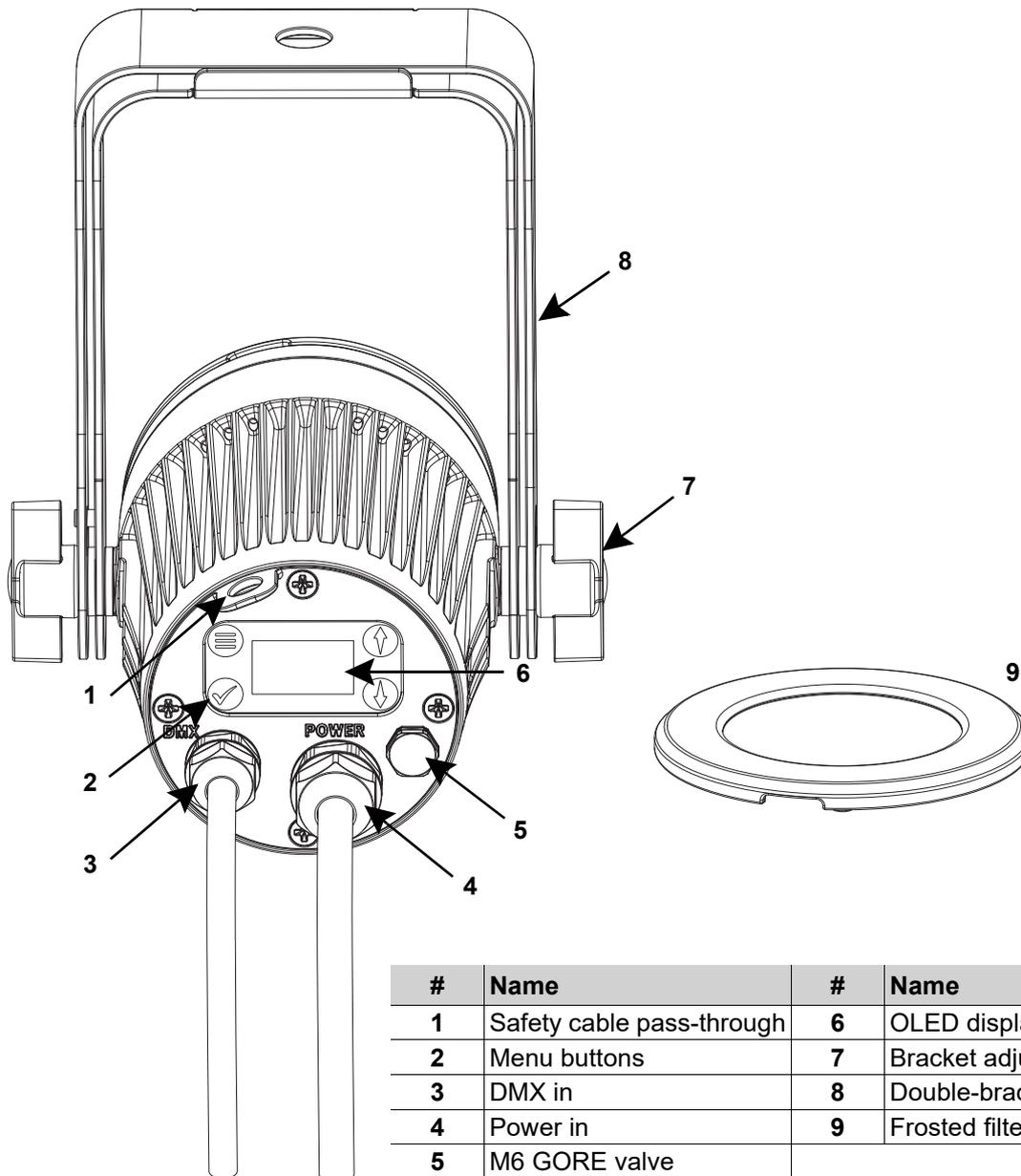
Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product,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

2. Introduction

Features

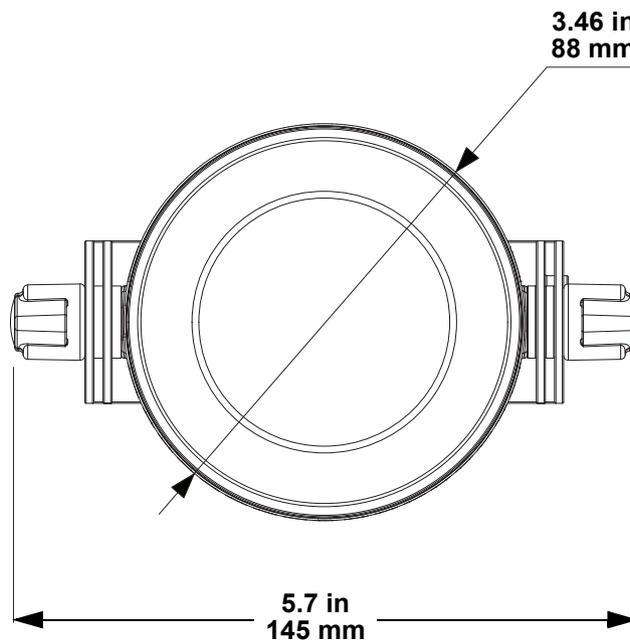
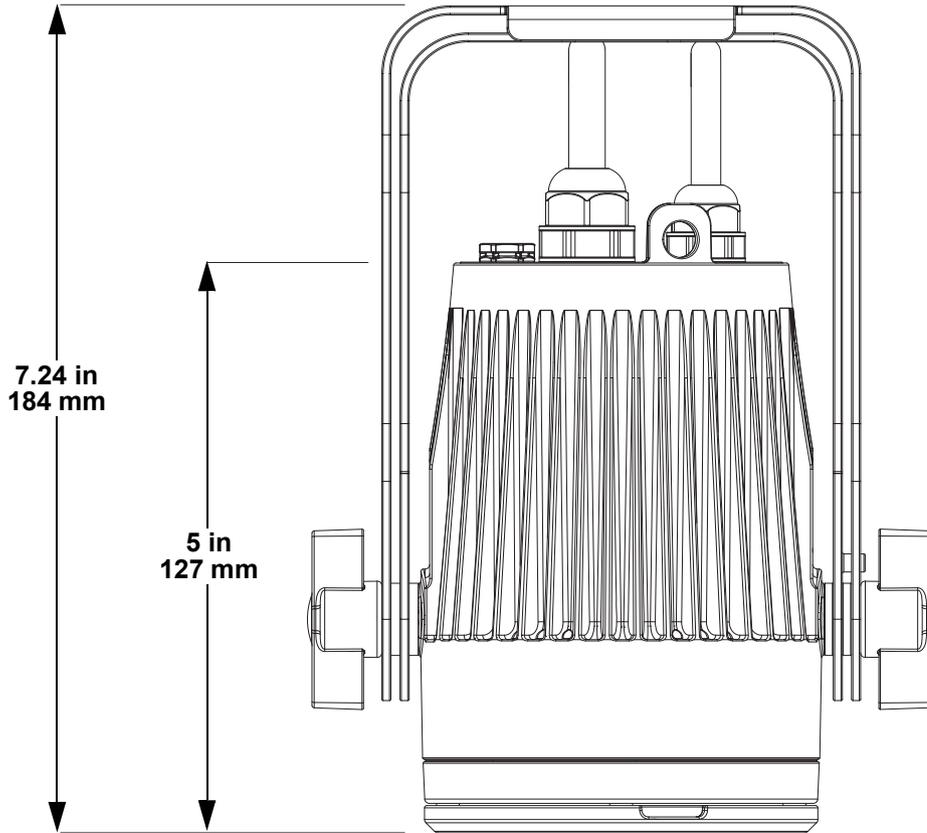
- Hex-color (RGBWAUV) compact LED wash
- Extremely compact with excellent output and IP65-rated versatility
- Variable electronic dimmer (0–100%)
- Simple and complex DMX channel profiles with RDM for programming versatility
- Double-bracketed yoke doubles as floor stand
- Easy-to-use OLED digital display
- Replaceable filter for additional beam angles
- Built-in auto programs recalled via DMX or Master/Slave

Product Overview



#	Name	#	Name
1	Safety cable pass-through	6	OLED display
2	Menu buttons	7	Bracket adjustment knob
3	DMX in	8	Double-bracketed yoke
4	Power in	9	Frosted filter
5	M6 GORE valve		

Product Dimensions



3. Setup

AC Power

The COLORdash Accent 5X 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 Accent 5X IP comes with a hardwired power input cable terminated with 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

DMX Linking

The COLORdash Accent 5X 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 Accent 5X IP uses a 5-pin DMX data connection for its 5 DMX personalities, ranging from **6CH** to **14CH**.

- Refer to the [Operation](#) chapter to learn how to configure the COLORdash Accent 5X IP 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 COLORdash Accent 5X IP supports RDM protocol that allows feedback to make changes to menu map options.

Master/Slave Connectivity

The Master/Slave mode allows an COLORdash Accent 5X IP (the master) to control one or more COLORdash Accent 5X IP products (the slaves) without a DMX controller. One COLORdash Accent 5X 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 System Update

The COLORdash Accent 5X IP allows for software updates with a USB device using an UPLOAD 10 USB-to-DMX adapter (sold separately). To update the software using a USB flash drive:

1. Plug the USB flash drive into the USB port of the UPLOAD 10.
2. Connect the UPLOAD 10 to the product using the DMX IN port.
3. Select **System Update** from the product menu.
4. The message "**Do you want to update?**" will be displayed.
5. Use **<UP>** or **<DOWN>** to select **YES**.
6. Press **<ENTER>**.
7. The update will begin automatically. **DO NOT** turn off the power or disconnect the USB during the process. USB update can take several minutes to complete.
8. When the update is completed, the fixture will automatically reboot.
9. Select **Information** from the product menu and confirm the firmware revision.



- Place the .chl file in the root directory of the USB drive.
- The UPLOAD 10 supports up to 16GB capacity and only works with FAT32 file format.

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

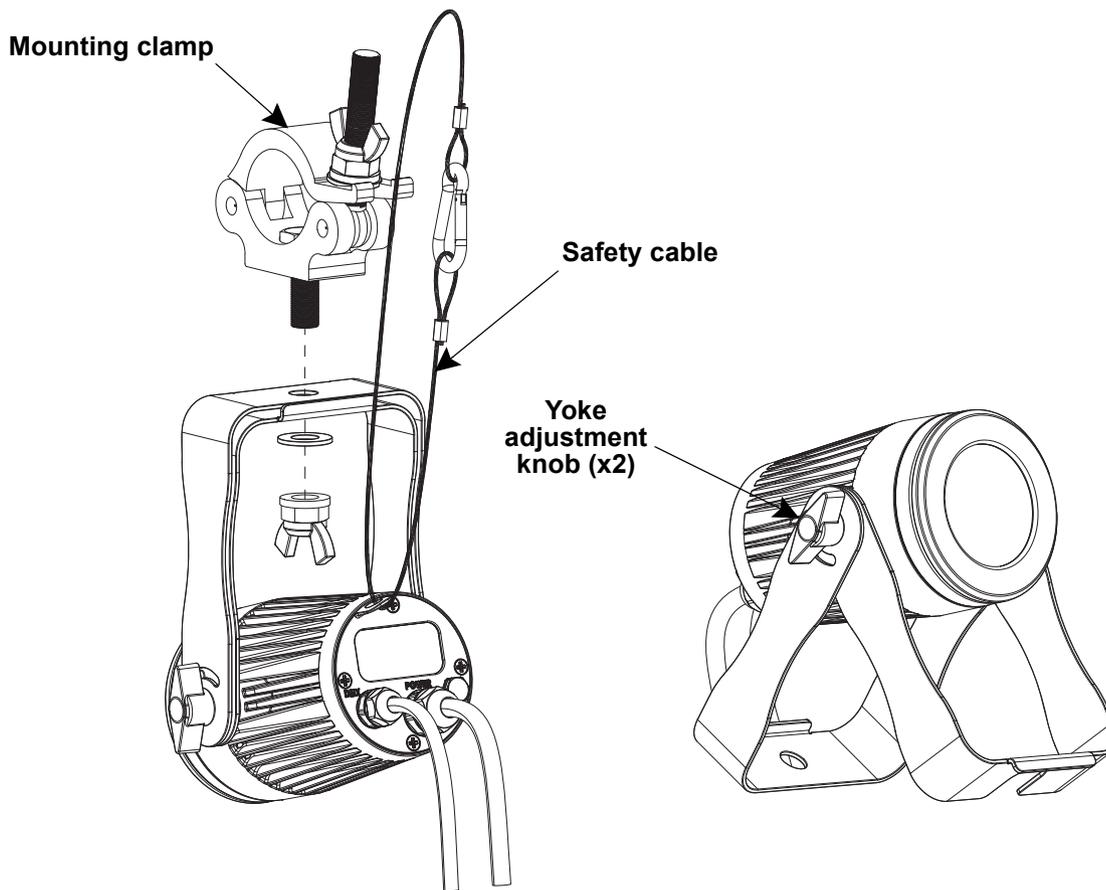
Chauvet recommends using the following general guidelines when mounting this product.

- 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 Accent 5X IP comes with a double-bracketed yoke. The user can directly attach a mounting clamp (sold separately) to this double-bracketed yoke. 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



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

Control Options

Set the COLORdash Accent 5X IP starting address in the **001-499** DMX range. This enables control of up to 36 products in the 14-channel 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 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.

Control options can also be accessed through the [Select No \(do not reset\) or Yes \(reset\)](#).

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 Accent 5X IP product page on www.chauvetprofessional.com for the latest menu map.

Main Level	Programming Levels	Description
DMX Address	001-500	Selects DMX address (highest channel restricted to personality chosen)
	6 Ch	6-channel: RGBAWUV
DMX Channel	8 Ch	8-channel: dimmer, RGBAWUV, strobe
	9 Ch	9-channel: dimmer, 16-bit dimmer, RGBAWUV, strobe
	13 Ch	13-channel: dimmer, RGBAWUV, strobe, color macro, color temperature, auto program, auto speed, dimmer speed
	14 Ch	14-channel: dimmer, 16-bit dimmer, RGBAWUV, strobe, color macro, color temperature, auto program, auto speed, dimmer speed

Main Level	Programming Levels		Description
Static	Fixed Color	R	Red
		G	Green
		B	Blue
		A	Amber
		W	White
		UV	Ultraviolet
		RG	Red and green
		RB	Red and blue
		RA	Red and amber
		RW	Red and white
		RUV	Red and ultraviolet
		GB	Green and blue
		GA	Green and amber
		GW	Green and white
		GUV	Green and ultraviolet
		BA	Blue and amber
		BW	Blue and white
		BUV	Blue and ultraviolet
		AW	Amber and white
		AUV	Amber and ultraviolet
		WUV	White and ultraviolet
		RGB	Red, green, and blue
		RGA	Red, green, and amber
		RGW	Red, green, and white
		RGUV	Red, green, and ultraviolet
		RBA	Red, blue, and amber
		RBW	Red, blue, and white
		RBUV	Red, blue, and ultraviolet
		RAW	Red, amber, and white
		RAUV	Red, amber, and ultraviolet
		RWUV	Red, white, and ultraviolet
		GBA	Green, blue, and amber
		GBW	Green, blue, and white
		GBUV	Green, blue, and ultraviolet
		GAW	Green, amber, and white
		GAUV	Green, amber, and ultraviolet
		GWUV	Green, white, and ultraviolet
		RBAW	Red, blue, amber, and white
		RGUV	Red, green, amber, and ultraviolet
		RGWUV	Red, green, white, ultraviolet
RBAW	Red, blue, amber, and white		
RBAUV	Red, blue, amber, and ultraviolet		
RBWUV	Red, blue, white, and ultraviolet		
RAWUV	Red, amber, white, ultraviolet		
GBAW	Green, blue, amber, and white		
GBAUV	Green, blue, amber, ultraviolet		
GBWUV	Green, blue, white, ultraviolet		
GAWUV	Green, amber, white, and ultraviolet		
BAWUV	Blue, amber, white, and ultraviolet		

Dimmer
000-255

Main Level	Programming Levels		Description	
Static (cont.)	Fixed Color (cont.)	RGBAW	Red, green, blue, amber, and white	
		RGBAUUV	Red, green, blue, amber, and ultraviolet	
		RGBWUV	Red, green, blue, white, and ultraviolet	
		RGAWUV	Red, green, amber, white, and ultraviolet	
		RBAWUV	Red, blue, amber, white, and ultraviolet	
		GBAWUV	Green, blue, amber, white, and ultraviolet	
		RGBAWUV	Red, green, blue, amber, white, and ultraviolet	
	Color Temperature	Warm White 1	Dimmer 000–255	Preset white color temperatures. Emulates a tungsten lamp at the specified color temperature.
		Warm White 2		
		Warm White 3		
		Neutral White 1		
		Neutral White 2		
		Neutral White 3		
		Daylight 1		
		Daylight 2		
	Manual Color Mixer	Red	000–255	Combine red, green, blue, amber, white, and ultraviolet to make a custom color temperature
		Green		
		Blue		
		Amber		
		White		
		UV		
Auto Show	Auto 1–5	001–100	Selects automatic programs and program speed	
Master/Slave	Master		DMX mode (Master)	
	Slave		Slave mode	
Dimmer Mode	Off		Linear dimmer	
	Dimmer 1–3		Dimming curves Dimmer 1 (fast) to Dimmer 3 (slow)	
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 ultraviolet LED maximum value			
LED Frequency	600Hz		Sets the PWM frequency	
	1200Hz			
	2000Hz			
	4000Hz			
	6000Hz			
	25KHz			
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	

Main Level	Programming Levels		Description
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	<V1.05>	Shows current firmware version
	UID	<_ _ _ _ _ >	Shows product UID
Factory Reset	No		Resets the product to factory default settings
	Yes		
System Update	No		Starts firmware update using UPLOAD 10. See USB System Update .
	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**, or **14CH**.



- 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	57
13CH	500	39
14CH	499	36

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

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 ⇄ 010 011 ⇄ 030 031 ⇄ 050 051 ⇄ 070 071 ⇄ 090 091 ⇄ 110 111 ⇄ 130 131 ⇄ 150 151 ⇄ 170 171 ⇄ 200 201 ⇄ 205 206 ⇄ 210 211 ⇄ 215 216 ⇄ 220 221 ⇄ 225 226 ⇄ 230 231 ⇄ 235 236 ⇄ 240 241 ⇄ 245 246 ⇄ 250 251 ⇄ 255	No function Color 1 Color 2 Color 3 Color 4 Color 5 Color 6 Color 7 Color 8 Color 9 Color 10 Color 11 Color 12 Color 13 Color 14 Color 15 Color 16 Color 17 Color 18 Color 19 Color 20
-	-	-	10	11	Color temperature	000 ⇄ 255	See the Color Temperature Chart
-	-	-	11	12	Automatic program	000 ⇄ 010 011 ⇄ 060 061 ⇄ 110 111 ⇄ 160 161 ⇄ 210 211 ⇄ 255	No function Automatic program 1 Automatic program 2 Automatic program 3 Automatic program 4 Automatic program 5 (programs 1-4)
-	-	-	12	13	Automatic speed	000 ⇄ 255	Program speed, slow to fast
-	-	-	13	14	Dimmer speed	000 ⇄ 051 052 ⇄ 101 102 ⇄ 152 153 ⇄ 203 204 ⇄ 255	Preset dimmer speed from display menu Dimmer speed off Dimmer speed 1 (fast) Dimmer speed 2 (medium) Dimmer speed 3 (slow)

Operation

Standalone Configuration

Static Mode

Fixed Color

To select a preset color:

1. Go to the **Static** main level.
2. Select the **Fixed Color** option.
3. Select the desired preset color from the menu options.

Color Temperature

To select a preset color temperature via the menu map:

1. Go to the **Static** main level.
2. Select the **Color Temperature** option.
3. Select the desired preset color temperature from the menu options.

Manual Color Mixer

To manually mix a custom static color:

1. Go to the **Static** main level.
2. Select **Manual Color Mixer**.
3. Select the color to edit (**Red, Green, Blue, Amber, White, or UV**).
4. Set the value for the selected color (**0–255**).
5. Repeat steps 3 and 4 until product outputs as desired.

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**).

Settings Configuration

Master/Slave

To set the COLORdash Accent 5X 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 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 **White Balance** main level.
2. Select from **Off** or **Manual**.
3. If **Manual**, select the maximum color value to edit, from **Red, Green, Blue, Amber, White, or UV**.
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 **600Hz, 1200Hz, 2000Hz, 4000Hz, 6000Hz, or 25KHz**.

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.

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.

Maintenance

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)
Front cover 1	26.1	22.65
Front cover 2	27.1	23.5
Front cover 3	27.1	23.5
Front cover 4	26.5	23
Back cover 1	21.7	18.8
Back cover 2	22.3	19.35
Back cover 3	22.3	19.35
Back cover 4	21.6	18.75

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	2.18 kPa
Test duration	60 seconds
PASS state leak pressure	<0.02 kPa

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
7.24 in (184 mm)	5.7 in (145 mm)	3.46 in (88 mm)	2.8 lb (1.3 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	44 W	44 W	44 W	43 W	43 W
Operating Current	0.77 A	0.68 A	0.48 A	0.44 A	0.43 A

Power I/O	U.S./Worldwide	UK/Europe
Power Input Connector	Hardwired	Hardwired
Power Cable plug	Edison	Local plug

Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	Hex-color (RGBWA+UV)	1	40 W	950 mA	50,000 hours

Photometrics

Beam Angle	Beam Angle (filter)	Field Angle	Field Angle (filter)
11.2°	21.3°	19.5°	46.5°

Illuminance @ 5 m	Illuminance @ 5 m (filter)	Lumens	Lumens (filter)
783 lux	145 lux	1006 lm	827 lm

Selectable PWM	Strobe Rate
600 Hz, 1200 Hz, 2000 Hz, 4000 Hz, 6000 Hz, 25kHz	0 to 20 Hz

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 or 14

Ordering

Product Name	Item Name	Item Code	UPC Number
COLORdash Accent 5X IP	COLORdash Accent 5X IP	10032296	781462226442



UL 1573
CSA C22.2 No. 166
E113093



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.