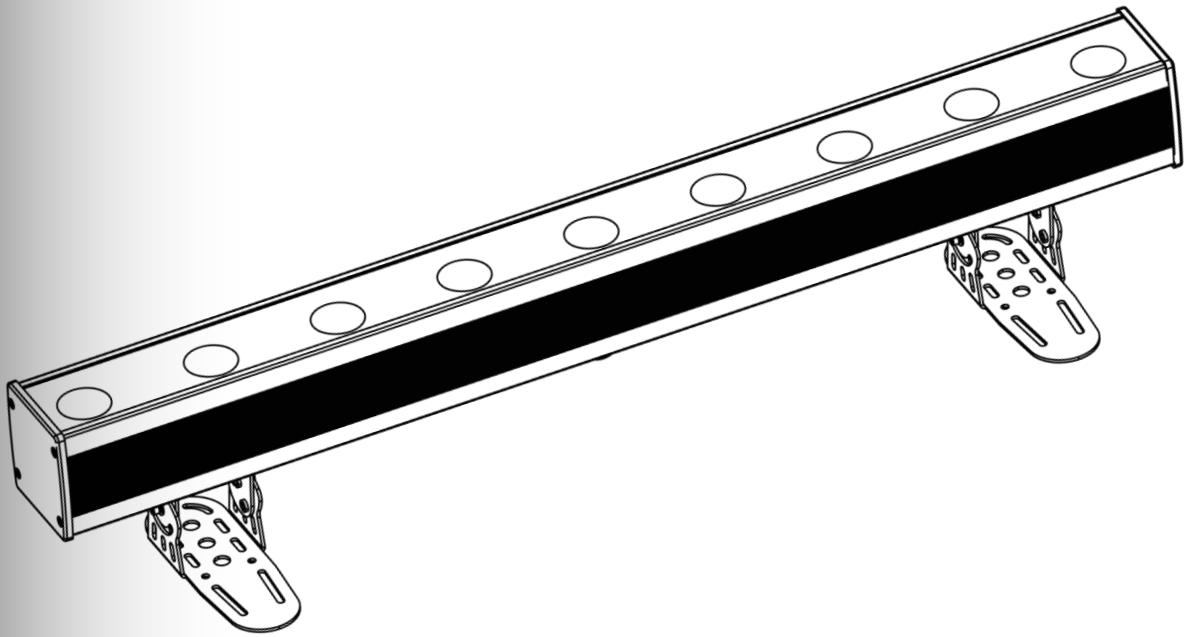


COLORADO™ *BATTEN* QUAD-9 TOUR

User Manual



- Edition Notes** This User Manual covers the description, safety precautions, installation, programming, operation, and maintenance of the COLORado™ Batten Quad-9 Tour. Chauvet released this edition of the COLORado™ Batten Quad-9 Tour User Manual in April 2015.
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- Document Printing** For better 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 your printer to scale the content accordingly.
- Intended Audience** Any person in charge of 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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1. Before You Begin

What is Included

- COLORado™ Batten Quad-9 Tour
- Neutrik® powerCON® power cord
- Warranty Card
- Quick Reference Guide

Claims

Carefully unpack the product immediately and check the box 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 your claim. In addition, keep the box and contents for inspection.

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

Manual Conventions

Convention	Meaning
1–512	A range of values in the text
50/60	A set of mutually exclusive values in the text
<SET>	A button on the product’s control panel
Settings	A product function or a menu option
MENU>Settings	A sequence of menu options
1–10	A range of menu values from which to choose in a menu
Yes/No	A set of two mutually exclusive menu options in a menu
ON	A unique value to be entered or selected in a menu

Symbols

Symbols	Meaning
	Critical installation, configuration, or operation information. Failure to comply with this information may cause the product not to work, damage third-party equipment, or cause harm to the operator.
	Important installation or configuration information. Failure to comply with this information may keep the product from working.
	Useful information.



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

Safety Notes

Read all the following Safety Notes before working with this product. These notes include 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 Chauvet certified technicians. Do not open the housing or attempt any repairs.



All applicable local codes and regulations apply to proper installation of this product.

Personal Safety

- Avoid direct eye exposure to the light source while the product is on.
- Always disconnect this product from power before servicing.
- Always connect this product to a grounded circuit to avoid the risk of electrocution.
- Do not touch this product's housing when operating because it may be hot.

Mounting and Rigging

- This product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose this product to rain or moisture.
- CAUTION: When transferring product from extreme temperature environments, (e.g. cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow product to fully acclimate to the surrounding environment before connecting it to power.
- Make sure there are no flammable materials close to this product while it is operating.
- When hanging this product, always secure to a fastening device using a safety cable.

Power and Wiring

- Always make sure you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- 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 this product to a dimmer pack or rheostat.
- Never disconnect this product by pulling or tugging on the power cable.

Operation

- Do not operate this product if you see damage on the housing, lenses, or cables. Have the damaged parts replaced by an authorized technician at once.
- Do not cover the ventilation slots when operating to avoid internal overheating.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at a higher temperature.
- In case of a serious operating problem, stop using this product immediately!



Expected LED Lifespan

In the unlikely event that your Chauvet product may require service, contact Chauvet Technical Support.

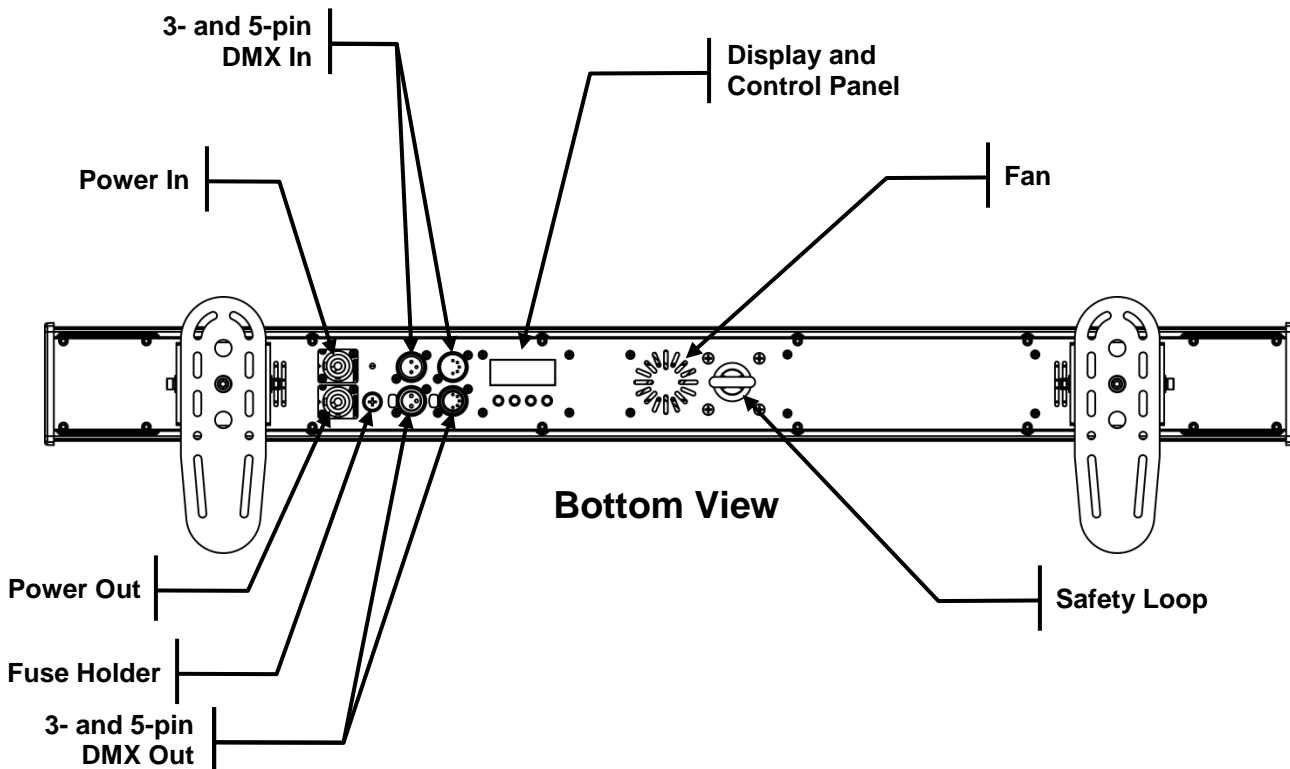
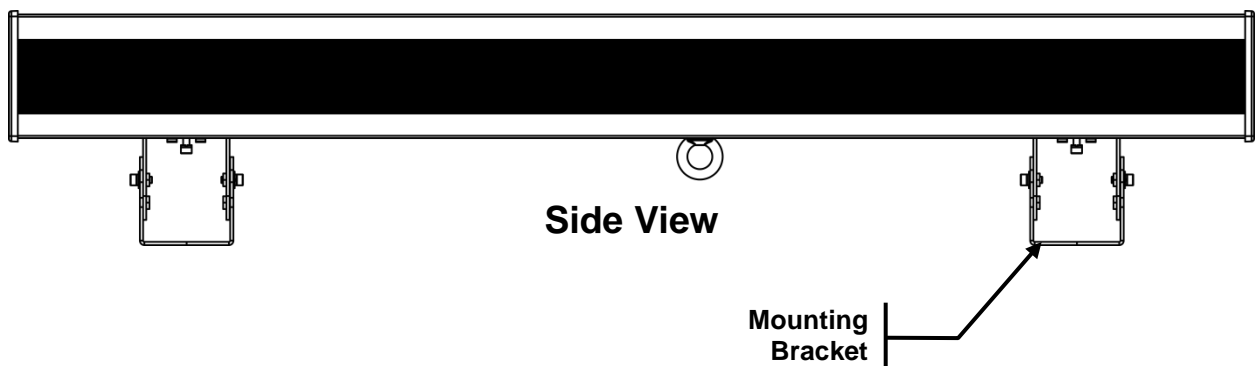
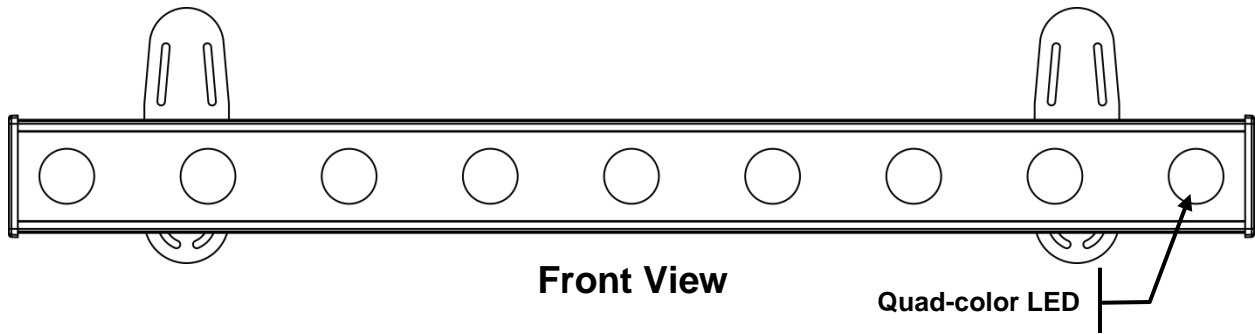
LEDs gradually decline in brightness over time, mostly because of heat. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal, single-LED conditions. For this reason, using clustered LEDs at their fullest intensity significantly reduces the LEDs' lifespan. Under normal conditions, this lifespan can be 40,000 to 50,000 hours. If extending this lifespan is vital, lower the operating temperature by improving the ventilation around the product and reducing the ambient temperature to an optimal operating range. In addition, limiting the overall projection intensity may also help to extend the LEDs' lifespan.

2. Introduction

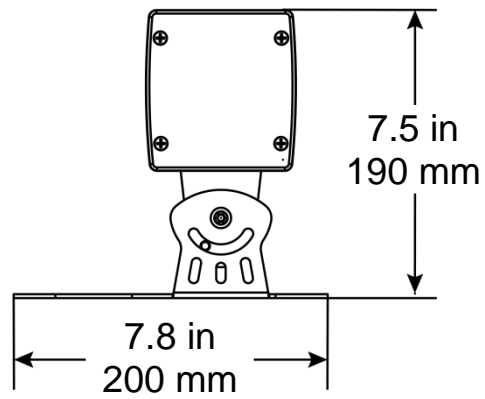
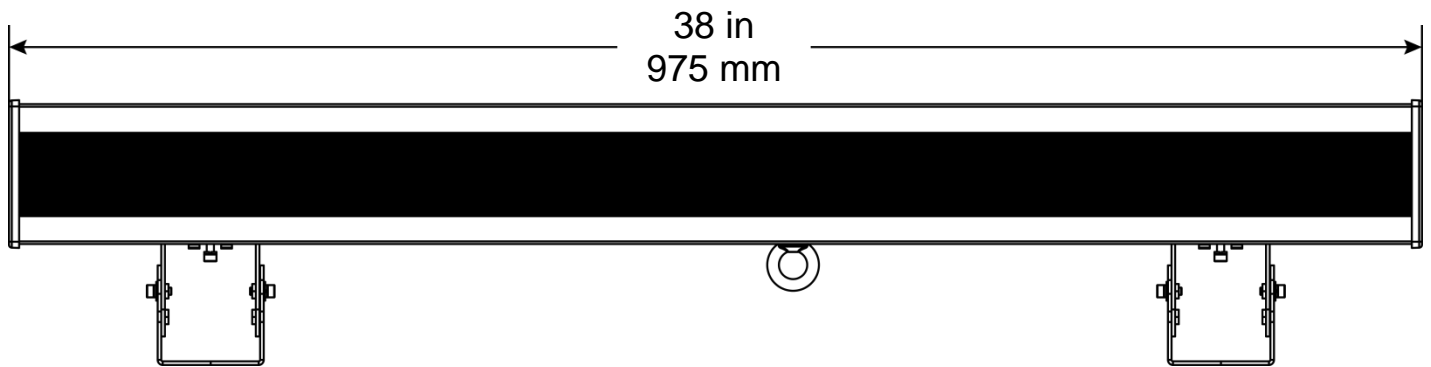
Description The COLORado™ Batten Quad-9 Tour offers simple and complex DMX channel profiles for programming versatility. Flicker-free electronic dimming is possible through 16-bit dimming of individual colors as well as the master dimmer. Control options include manual RGBW color mixing, custom auto programs, and DMX.

- Features**
- DMX Channels: 3, 4, 5, 6, 9, 11, 16, 27 or 36
 - Operation modes:
 - 3-channel (ARC.1): RGB control
 - 3-channel (HSV): color hue, saturation, and value control
 - 4-channel (AR1.D): RGB and dimmer control
 - 4-channel (ARC.2): RGBW control
 - 5-channel (AR2.D): RGBW and dimmer control
 - 6-channel (AR2.S): RGBW, classic strobe and dimmer control
 - 9-channel (HALO): Dimmer control with pixel selection, 2700 K
 - 11-channel (TOUR): RGBW, pixel selection, dimmer, color macro, white balance, strobe (special and classic), programs (auto and custom), auto speed, and dimmer speed control
 - 16-channel (TR16): 16-bit RGBW and dimmer, pixel selection, color macro, white balance, strobe (special and classic), programs (auto and custom), dimmer speed control
 - 27-channel (PIX1): RGB control with pixel selection
 - 36-channel (PIX2): RGBW control with pixel selection
 - 16-bit dimming of individual colors as well as the master dimmer
 - RGBW quad-color LEDs
 - Electronic dimming
 - Controller-free RGBW color mixing
 - Recall custom auto programs via DMX
 - Five distinct dimming curves
 - LED display with passcode protection
 - 3- and 5-pin XLR data input and output connectors

Overview



Dimensions



3. Setup

AC Power

The COLORado™ Batten Quad-9 Tour has an auto-ranging power supply that works with an input voltage range of 100 to 240 VAC, 50/60 Hz. To determine the power requirements for each COLORado™ Batten Quad-9 Tour, refer to the label affixed to the product. You can also refer to the [Technical Specifications](#) section in this manual.

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



- **Always connect this product to a protected circuit with 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 this 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™ Batten Quad-9 comes with a power input cord terminated with a Neutrik® powerCON® connector on one end and an Edison plug on the other end (U.S. market). If the power input cord that came with your product has no plug, or if you need to change the Edison plug, use the table below to wire the new plug.

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

Fuse Replacement



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

1. Disconnect this product from the power outlet.
2. Using a #2 Phillips 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 3.15 A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

Power Linking The COLORado™ Batten Quad-9 supports power linking. You can power link up to 9 products at 120 V, 14 products at 208 V, or 15 products at 230 V.

This product comes with a power input cord. This product does not come with a power linking cable; however, a power linking cable is available as an option.

DMX Linking You can link the COLORado™ Batten Quad-9 Tour to a DMX controller using a standard DMX serial connection. If using other DMX compatible products with the COLORado™ Batten Quad-9 Tour, you can control each individually with a single DMX controller.

DMX Modes The COLORado™ Batten Quad-9 Tour uses the standard DMX data connection for its **TOUR**, **TR16**, **ARC.1**, **AR1.D**, **ARC.2**, **AR2.D**, **AR2.S**, **HSV**, **PIX1**, **PIX2**, and **HALO** DMX modes.

- Refer to the [Introduction](#) section for a brief description of these modes.
- Refer to the [Operation](#) section to learn how to configure the COLORado™ Batten Quad-9 Tour to work in these modes.
- The [DMX Values](#) section provides you with detailed information regarding the DMX modes.

Master/Slave Connectivity The Master/Slave mode allows a COLORado™ Batten Quad-9 Tour (the master) to control one or more products (the slaves) without a DMX controller.

One COLORado™ Batten Quad-9 Tour becomes the master product either when running in static (**STAT**) mode or when using the automatic (**AT**) or customizable (**PR**) programs.

In addition, you must configure each of the slaves (via their control panels) to operate in Slave (**SLAV**) mode. During Master/Slave operation, the slaves will operate in unison with the master.

For more information, see the [Menu Map](#) section.



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 product.

- The [Operation](#) section of this manual provides detailed instructions on how to configure the Master and Slave products.
- If you need more information about DMX standards, Master/Slave connectivity, or the DMX cables needed in order to link the product to a DMX controller, download the *DMX Primer* from the Chauvet website: www.chauvetprofessional.com.
- Verify the **DIMX** and **CURV** settings are set to **OFF** for optimal control of the TR16 personality. For more information, see [Menu Map](#).



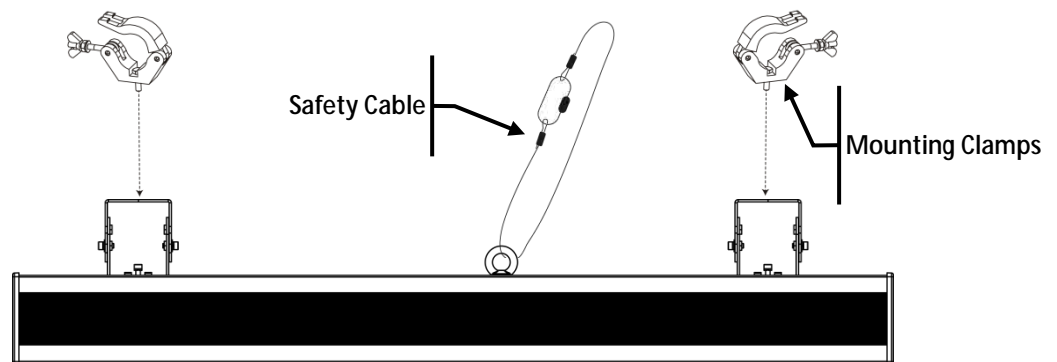
Mounting Before mounting this product, read and follow the [Safety Notes](#). For our CHAUVET® Professional line of mounting clamps, go to <http://trusst.com/products/>.

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

Rigging The COLORado™ Batten Quad-9 Tour comes with two adjustable feet that double as hanging brackets to which you can attach mounting clamps. Chauvet recommends using the following general guidelines when mounting this product.

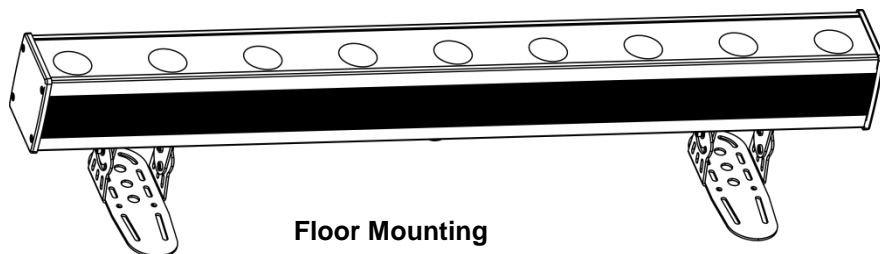
- When selecting an installation location, consider easy access to this product for operation, programming adjustments, and routine maintenance.
- Make sure to mount this product away from any flammable material as indicated in the [Safety Notes](#).
- Never mount in places where rain, high humidity, extreme temperature changes, or restricted ventilation may affect the product.
- If hanging this product, make sure that the mounting location can support the product's weight. Refer to the [Technical Specifications](#) for the weight-bearing requirements of this product.
- When hanging this product, always secure to a fastening device using a safety cable.

Procedure The COLORado™ Batten Quad-9 Tour comes with two adjustable feet that double as hanging bracket to which you can attach clamps. These brackets also serve as floor stands or wall-mount supports. You must supply your own clamps and make sure the clamps are capable of supporting the weight of this product. You must use two mounting points per product.



Mounting Diagram

Overhead Mounting



Floor Mounting

4. Operation

Control Panel Description

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

Control Options

You can set the COLORado™ Batten Quad-9 Tour starting address in the 001 to 512 DMX range. This enables control of up to 14 products in the 36-channel **PIX2** personality.

Programming

Refer to the [Menu Map](#) to understand the menu options. The menu map shows the main level and a variable number of programming levels for each option.

- To go to the desired main level, press <MENU> repeatedly until the option shows on the display. Press <ENTER> to select. This will take you to the first programming level for that option.
- To select an option or value within the current programming level, press <UP> or <DOWN> until the option shows on the display. Press <ENTER> to select. In this case, if there is another programming level, you will see that first option, or you will see the selected value.
- Press <MENU> repeatedly to exit to the previous main level.

DMX Personality

This setting allows you to choose a particular DMX personality.

1. Go to the **PERS** main level.
2. Select the desired personality (**TOUR**, **TR16**, **ARC.1**, **AR1.D**, **ARC.2**, **AR2.D**, **AR2.S**, **HSV**, **PIX1**, **PIX2**, or **HALO**).



For the highest starting address you can select for each personality, see the [DMX Values](#) section. Verify that the starting addresses on the products do not overlap due to the new personality setting.

DMX Control

In this mode, each product will respond to a unique starting address from the DMX controller. All products with the same starting address will respond in unison.

1. Select a DMX personality as shown in DMX Personality.
2. Set the running mode:
 - a. Go to the **RUN** main level.
 - b. Select the **DMX** programming level.
3. Set the starting address:
 - a. Go to **ADDR** main level.
 - b. Select the starting address (**D.001–512**).

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



DMX Mode	DMX Address	DMX Mode	DMX Address	DMX Mode	DMX Address
TOUR	502	ARC.2	509	HSV	510
ARC.1	510	AR2.D	508	TR16	497
AR1.D	509	AR2.S	507	PIX1	486
PIX2	477	HALO	504		

- Loss of Signal Setting** This setting controls how the product will respond when the DMX signal is lost.
1. Go to the **SET** main level, and select **DERR**.
 - a. Select **SAVE** to make the product use the last command used when the signal is lost.
 - b. Select **BLAK** to turn off the all the LEDs when the signal is lost.

- Static Color** The Static Color mode allows for RGBW color mixing without a DMX controller.
1. Go to the **STAT** main level.
 2. Select the desired color **RED** (red), **GREN** (green), **BLUE** (blue), or **WHIT** (white).
 3. Select the desired color value (**000–255**).
 4. Repeat the steps for each color.
 5. Select **STRB**.
 6. Select the desired frequency **00–20** (0–20 Hz).

- Auto Programs** Auto programs allow for dynamic RGBW color mixing without a DMX controller.
1. Go to **AUTO**.
 2. Select the desired auto (**AT. 01–10**) or custom program (**PR. 01–10**).
 3. Select the desired speed at which the chosen program will run (**P. 000–255**).



You cannot edit any of the auto programs (**AT.01–10**); however, you can edit the custom programs (**PR.01–10**). See Edit Custom Programs below for details.

Edit Custom Programs

- This setting allows the programming of up to 30 scenes for each of the 10 customizable programs, including colors and effects.
1. Go to the **EDIT** main level.
 2. Select the desired auto program (**PR. 01–10**).
 3. Select the desired scene (**SC. 01–30**).
 4. Select the desired color or effect **RED** (red), **GREN** (green), **BLUE** (blue), **WHIT** (white), **STRB** (strobe), **TIME** (step duration), or **FADE** (fade duration).
 5. Select the value **000–255** for colors (0–100%) and durations (fast to slow), or **00–20** for the strobe (0–20 Hz).
 6. Repeat the steps for other colors or effects.
 7. Return to the scene level (**SC. 01–30**).
 8. Repeat the settings of colors and effects for the other scenes.



Do not disconnect the product from power before completing the editing process. Make sure to complete all steps when editing custom programs; otherwise, the COLORado™ Batten Quad-9 Tour may lose any incomplete custom programming.

- Strobe Personality** This setting allows you to select the classic (01–20 Hz) or special (random/slow/fast) strobe personalities.
1. Go to the **SET** main level.
 2. Go to the **STRB** programming level.
 3. Select a strobe personality (**SPEC** or **CLAS**).

Master/Slave The Master/Slave mode allows a group of COLORado™ Batten Quad-9 Tours (slaves) to simultaneously duplicate the output of another COLORado™ Batten Quad-9 Tour (master) without a DMX controller.

1. Set each of the slaves:
 - a. Go to **RUN**.
 - b. Select **SLAV**.
2. Set the master product:
 - a. Set the running mode to **DMX** (see [DMX Control](#)).
 - b. Select an auto or custom program as explained in [Auto Programs](#), or a static mix of colors as explained in [Static Color](#).



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

Color Settings The color setting determines how the product generates the white color based on various RGB settings.

1. Go to the **SET** main level.
2. Go to the **COLR** programming level.
3. Select **OFF**, **RGBW**, or **UC**.



OFF: When all the RGB faders are set to **255**, the output is maximum, although the resulting white color may not be balanced.

RGBW: When all the RGB faders are set to **255**, the resulting output is defined by the configured white color (see [White Calibration](#)).

UC: When all the RGB faders are set to **255**, the output matches that of less efficient products (Universal Color).

Dimmer Curves This setting provides you with four options to simulate the dimming curve of an incandescent light product.

1. Go to the **SET** main level.
2. Go to the **DIMX** programming level.
3. Select the desired dimmer curve (**OFF**, **DIM1**, **DIM2**, **DIM3**, or **DIM4**).



OFF: The output is proportional (linear) to the dimmer and RGBW channel values.

DIM1–DIM4: The output follows the dimmer and RGBW channel values based on the corresponding dimmer curve, **DIM1** being the fastest and **DIM4** the slowest.

Curve Settings This setting allows you to select the dimmer curve shape using the red, green, blue, white, and dimmer faders.

1. Go to the **SET** main level.
2. Go to the **CURV** programming level.
3. Select the desired dimmer curve (**OFF**, **CV1**, **CV2**, or **CV3**).



OFF This output is proportional (linear) to the dimmer and RGBW channel values.

CV1–CV3 This output follows the dimmer and RGBW channel values based on the corresponding dimmer curve, **CV1** being the fastest and **CV3** the slowest.



For optimum control of the 16-bit dimming channels in the TR16 personality, be sure that both dimming curves in SET > DIMX and SET > CURV are set to OFF.

Control Panel Lock This setting enables you to activate or disable the control panel lock, which keeps non-authorized personnel from activating any of the control panel buttons.

1. Go to the **SET** main level.
2. Go to the **KEY** programming level.
3. Select **ON** or **OFF**.



When the control panel lock is active, the product will prompt you to enter the passcode after 30 seconds of control panel inactivity or after turning on the product.

Passcode If you are prompted to enter a passcode on the product, press the buttons in the following order: **<UP>**, **<DOWN>**, **<UP>**, **<DOWN>**, **<ENTER>**. The product's passcode cannot be changed and must be entered whenever you are prompted.

Note: Asterisks (*) appear on the display when entering the passcode.

Settings Lock This setting enables you to activate or disable the settings lock, which keeps unauthorized personnel from making any changes to the programming levels under the **SET** main level.

1. Go to the **SET** main level.
2. Go to the **SLCK** programming level
3. Select **ON** or **OFF**.



When the settings lock is activated, in order to access the SET programming levels, the product will prompt you to enter the passcode. Enter the passcode as described in [Passcode](#).

Program Upload

This option allows you to transfer the custom programs of one product onto another product using the Master/Slave mode.

1. Configure and connect the products in a Master/Slave arrangement, where the master has the custom programs you want to transfer to the slaves.
2. From the master, go to the **SET** main level.
3. Go to the **UPLD** programming level.
4. Enter the passcode (see [Passcode](#)).
5. When **SEND** shows, press **<ENTER>** to start the upload.
6. Wait for the upload process to finish (the display will show **OK** before continuing or turning the products off).

The Master/Slave products will provide the status of the process by lighting up as follows:



- Yellow indicates that the upload process is running.
- Green indicates that the upload process completed successfully.
- Red indicates that the upload process failed due to an error. Recheck all cable connections and restart the process. If the issue persists, contact Chauvet Technical Support.



Do not upload the data from a COLORado™ Batten Quad-9 Tour to a different product, as the other product may become inoperative.

Resetting Factory Defaults

This setting allows you to reset the product's default values, including the custom programs.

1. Go to the **SET** main level.
2. Select **REST**.
3. Enter the passcode (see [Passcode](#)).
4. Wait for the reset process to finish.

Resetting Calibration Defaults

This setting allows you to reset the product's default values set in the **CAL1** and **CAL2** programming levels. (See [Setting the White Color](#) for **CAL1** settings and [Calibrating the White Color](#) for **CAL2** settings.)

1. Go to the **CAL** main level.
2. Enter the passcode (see [Passcode](#)).
3. Go to **CALR**.
4. Enter the passcode (see [Passcode](#)).
5. Wait for the reset process to finish.

Setting the White Color

This setting allows you to select and edit the color temperature of the white used in Channel 6 when in the **TOUR** mode or Channel 11 when in **TR16** mode.

1. Go to the **CAL** main level.
2. Enter the passcode (see [Passcode](#)).
3. Go to the **CAL1** programming level.
4. Select a white color (**WH.01–11**).
5. Select a color **RED** (red), **GREN** (green), **BLUE** (blue), or **WHIT** (white).
6. Select a color value **000–255** (0–100%).
7. Repeat for the other colors.

Calibrating the White Color

This setting allows you to calibrate the white color when **RGBW** and the DMX controller's red, green, and blue faders are set to **255**.

1. Go to the **CAL** main level.
2. Enter the passcode (see [Passcode](#)).
3. Go to the **CAL2** programming level.
4. Select the desired color **RED** (red), **GREN** (green), or **BLUE** (blue).
5. Select a desired color value **000** to **255** (0–100%).
6. Repeat for the other colors.



When selecting **CAL > CAL2 >**, you will only be able to define the values of red, green, and blue.



The values of RED (red), GREN (green), and BLUE (blue) configured from CAL > CAL2 > will define the color temperature shown when the RGB faders are set to 255 if SET > COLR > RGBW is active.

TOUR Notes These notes clarify the way the **TOUR** DMX personality works.

Master Dimmer

- Channel 1 controls the intensity of the currently projected color.
- When the slider is at the highest position (**100%**), the intensity of the output is at maximum.

Red, Green, Blue, and White Color Selection

- Channels 2 through 5 control the intensity ratio of each of the red, green, blue, and white LEDs.
- When these channels are at the highest position (**100%**), the intensity of each color is at maximum if **SET > COLR** is **OFF**.
- You can combine channels 2 through 5 to create over one trillion colors.

Color Macros

- Channel 6 selects the desired color macro.
- Channel 6 has priority over channels 2 through 5.
- Channel 1 controls the intensity of the color macro.

Strobe

- Channel 7 controls the strobe frequency (not the intensity) of channels 2 through 6.
- Channel 7 can strobe channels 2 through 5 when not running macros, allowing the individual faders (R, G, B, and W), as well as channel 1 (dimmer), to control the output intensity.
- Channel 7 can strobe when running macros, with channel 6 selecting the macro and channel 1 controlling the output intensity.

Auto/Custom Programs

- Channel 8 selects the preset auto programs **AT.01–10** or the custom programs **PR.01–10**.
- When activating the custom programs **PR.01–10**, you can control the Step Time and Fade Time using channels 2 and 3, respectively.
- Channel 8 has priority over channels 2 through 7.
- Channel 9 controls the speed at which each auto program plays.

Dimmer Speed

- Channel 10 selects the Dimmer mode and speed. The Dimmer mode provides four different options to simulate the dimming curve of an incandescent lighting product.
- When the dimmer is set to **OFF**, the changes in the RGBW and Master Dimmer faders are linear.
- When the dimmer is set to **DIM1–DIM4**, **DIM1** is the fastest dimmer curve and **DIM4** is the slowest.

Menu Map

Main Level	Programming Levels			Description	
STAT	RED	000–255		Combine red, green, blue, and white to make a custom color	
	GREN				
	BLUE				
	WHIT				
	STRB	00–20		Selects the strobe frequency (0–20 Hz)	
AUTO	AT.	01–10	P.	10 automatic programs	
	PR.		000–255	10 customizable programs	
RUN	DMX			DMX mode	
	SLAV			Slave mode	
ADDR	D.	001–512		Selects the DMX starting address	
PERS	TOUR			11-channel: RGBW, dimmer, strobe, color macro, auto/custom, dimmer speed, auto speed, pixel selection	
	TR16			16-channel: 16-bit RGBW and dimmer, strobe, color macro, auto/custom, dimmer speed, auto speed, pixel selection	
	ARC.1			3-channel: RGB control	
	AR1.D			4-channel: RGB, dimmer	
	ARC.2			4-channel: RGBW control	
	AR2.D			5-channel: RGBW, dimmer	
	AR2.S			6-channel: RGBW, dimmer, strobe	
	HSV			3-channel: HSV control	
	PIX1			27-channel: RGB pixel control	
	PIX2			36-channel: RGBW pixel control	
HALO			9-channel: 2700 K pixel control		
EDIT	PR. 01–10	SC. 01–30	RED	000–255	Combine red, green, blue, and white to generate a custom color (0–100%)
			GREN		
			BLUE		
			WHIT		
	STRB	00–20	Selects the strobe frequency (0–20 Hz)		
	TIME	000–255	Defines the step duration (fast to slow)		
	FADE		Defines the fade duration (fast to slow)		

Menu Map (cont.)

Main Level	Programming Levels				Description	
SET	KEY	ON			Turns the passcode on or off	
		OFF				
	UPLD	**** (Enter Passcode)	SEND/ OK		Uploads custom programs to other COLORado™ Batten Quad-9 Tours	
	REST	**** (Enter Passcode)	SEND/ OK		Defaults product to factory settings	
	COLR	OFF			RGB set to 255 = max. output	
		RGBW			RGB set to 255 = balanced white	
		UC.			Universal color balance	
	DIMX	OFF			No dimmer	
		DIM1			Dimmer curve	
		DIM2				
		DIM3				
		DIM4				
	CURV	OFF			No dimmer	
		CV1			Fast (CV1) to slow (CV3) dimmer curves	
		CV2				
CV3						
DERR	SAVE			Continues with last command upon loss of DMX control		
	BLAK			Blacks out fixture upon loss of DMX		
SLCK	OFF			SET main level access lock		
	ON					
STRB	SPEC			Selects strobe personality used in TOUR and TR16 personalities		
	CLAS					
CAL	**** (Enter Passcode)	CAL1	WH. 01–11	RED	000– 255	Modifies the color macros used in the TOUR and TR16 personalities
			GREN			
		CAL2	RED	Defines the color temperature used when COLR is set to RGBW		
			GREN			
BLUE						
CALR	**** (Enter Passcode)	Defaults CAL to factory settings				

DMX Values

TOUR	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ó 255	0–100%
	2	Red	000 ó 255	0–100% (Step Time if Custom 1–10 active)
	3	Green	000 ó 255	0–100% (Fade Time if Custom 1–10 active)
	4	Blue	000 ó 255	0–100%
	5	White	000 ó 255	0–100%
6	Color Macro + White Balance	000 ó 010	No function	
		011 ó 030	R: 100% G: 0–100% B: 0	
		031 ó 050	R: 100%–0 G: 100% B: 0	
		051 ó 070	R: 0 G: 100% B: 0–100%	
		071 ó 090	R: 0 G: 100%–0 B: 100%	
		091 ó 110	R: 0–100% G: 0 B: 100%	
		111 ó 130	R: 100% G: 0 B: 100%–0	
		131 ó 150	R: 100% G: 0–100% B: 0–100%	
		151 ó 170	R: 100%–0 G: 100%–0 B: 100%	
		171 ó 200	R: 100% G: 100% B: 100% W: 100%	
		201 ó 205	White 1	
		206 ó 210	White 2	
		211 ó 215	White 3	
		216 ó 220	White 4	
		221 ó 225	White 5	
		226 ó 230	White 6	
		231 ó 235	White 7	
		236 ó 240	White 8	
		241 ó 245	White 9	
		246 ó 250	White 10	
		251 ó 255	White 11	
7*	Special Strobe	000 ó 009	No function	
		010 ó 099	Slow to fast	
		100 ó 109	No function	
		110 ó 179	Lighting effect, slow to fast	
		180 ó 189	No function	
		190 ó 255	Random	
	Classic Strobe	000 ó 009	No function	
		010 ó 019	1 Hz	
		020 ó 029	2 Hz	
		030 ó 039	3 Hz	
		040 ó 049	4 Hz	
		050 ó 059	5 Hz	
		060 ó 069	6 Hz	
		070 ó 079	7 Hz	
		080 ó 089	8 Hz	
		090 ó 099	9 Hz	
		100 ó 109	10 Hz	
		110 ó 119	11 Hz	
		120 ó 129	12 Hz	
130 ó 139	13 Hz			
140 ó 149	14 Hz			
150 ó 159	15 Hz			
160 ó 169	16 Hz			
170 ó 179	17 Hz			
180 ó 189	18 Hz			
190 ó 199	19 Hz			
200 ó 255	20 Hz			

*Select strobe function in the main menu under **SET > STRB**, select **SPEC** or **CLAS**

DMX Values (cont.)

TOUR (cont.)	Channel	Function	Value	Percent/Setting
8	8	Programs	000 ó 040	No function
			041 ó 050	Auto 1
			051 ó 060	Auto 2
			061 ó 070	Auto 3
			071 ó 080	Auto 4
			081 ó 090	Auto 5
			091 ó 100	Auto 6
			101 ó 110	Auto 7
			111 ó 120	Auto 8
			121 ó 130	Auto 9
			131 ó 140	Auto 10
			141 ó 150	Custom 1
			151 ó 160	Custom 2
			161 ó 170	Custom 3
			171 ó 180	Custom 4
			181 ó 190	Custom 5
			191 ó 200	Custom 6
			201 ó 210	Custom 7
			211 ó 220	Custom 8
			221 ó 230	Custom 9
231 ó 255	Custom 10			
9	9	Auto Speed	000 ó 255	0–100%
10	10	Dimmer Speed	000 ó 009	Preset dimmer speed from display menu
			010 ó 029	Linear dimmer
			030 ó 069	Nonlinear dimming curve 1 (fastest)
			070 ó 129	Nonlinear dimming curve 2
			130 ó 189	Nonlinear dimming curve 3
			190 ó 255	Nonlinear dimming curve 4 (slowest)
11	11	Pixel Selection	000 ó 009	Pix 1, 2, 3, 4, 5, 6, 7, 8, 9 (static)
			010 ó 019	Pix 1 (static)
			020 ó 029	Pix 2 (static)
			030 ó 039	Pix 3 (static)
			040 ó 049	Pix 4 (static)
			050 ó 059	Pix 5 (static)
			060 ó 069	Pix 6 (static)
			070 ó 079	Pix 7 (static)
			080 ó 089	Pix 8 (static)
			090 ó 099	Pix 9 (static)
			100 ó 109	Pix 1, 2, 3 (static)
			110 ó 119	Pix 4, 5, 6 (static)
			120 ó 129	Pix 7, 8, 9 (static)
			130 ó 139	Pix 1, 2, 3, 7, 8, 9 (static)
			140 ó 149	Pix 1, 2, 3, 4, 5, 6 (static)
			150 ó 159	Pix 4, 5, 6, 7, 8, 9 (static)
			160 ó 169	Pix 1, 3, 5, 7, 9 (static)
			170 ó 179	Pix 2, 4, 6, 8 (static)
			180 ó 189	Chase left-to-right
			190 ó 199	Chase right-to-left
			200 ó 219	Chase left-right-left
			220 ó 239	Random
			240 ó 255	Pix 1, 2, 3, 4, 5, 6, 7, 8, 9 (static)

DMX Values (cont.)

TR16	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ó 255	0–100%
	2	Fine Dimmer	000 ó 255	0–100%
	3	Red	000 ó 255	0–100%
	4	Fine Red	000 ó 255	0–100%
	5	Green	000 ó 255	0–100%
	6	Fine Green	000 ó 255	0–100%
	7	Blue	000 ó 255	0–100%
	8	Fine Blue	000 ó 255	0–100%
	9	White	000 ó 255	0–100%
	10	Fine White	000 ó 255	0–100%
	11	Color Macro + White Balance	000 ó 010	No function
			011 ó 030	R: 100% G: 0–100% B: 0
			031 ó 050	R: 100%–0 G: 100% B: 0
			051 ó 070	R: 0 G: 100% B: 0–100%
			071 ó 090	R: 0 G: 100%–0 B: 100%
			091 ó 110	R: 0–100% G: 0 B: 100%
			111 ó 130	R: 100% G: 0 B: 100%–0
			131 ó 150	R: 100% G: 0–100% B: 0–100%
			151 ó 170	R: 100%–0 G: 100%–0 B: 100%
			171 ó 200	R: 100% G: 100% B: 100% A: 100%
			201 ó 205	White 1
			206 ó 210	White 2
			211 ó 215	White 3
			216 ó 220	White 4
			221 ó 225	White 5
			226 ó 230	White 6
			231 ó 235	White 7
	236 ó 240	White 8		
	241 ó 245	White 9		
	246 ó 250	White 10		
	251 ó 255	White 11		

DMX Values (cont.)

TR16 (cont.)	Channel	Function	Value	Percent/Setting
12*	Special Strobe		000 ó 009	No function
			010 ó 099	Slow to fast
			100 ó 109	No function
			110 ó 179	Lighting effect, slow to fast
			180 ó 189	No function
			190 ó 255	Random
	Classic Strobe		000 ó 009	No function
			010 ó 019	1 Hz
			020 ó 029	2 Hz
			030 ó 039	3 Hz
			040 ó 049	4 Hz
			050 ó 059	5 Hz
			060 ó 069	6 Hz
			070 ó 079	7 Hz
			080 ó 089	8 Hz
			090 ó 099	9 Hz
			100 ó 109	10 Hz
			110 ó 119	11 Hz
			120 ó 129	12 Hz
			130 ó 139	13 Hz
	140 ó 149	14 Hz		
	150 ó 159	15 Hz		
	160 ó 169	16 Hz		
	170 ó 179	17 Hz		
	180 ó 189	18 Hz		
	190 ó 199	19 Hz		
	200 ó 255	20 Hz		
13	Programs		000 ó 040	No function
			041 ó 050	Auto 1
			051 ó 060	Auto 2
			061 ó 070	Auto 3
			071 ó 080	Auto 4
			081 ó 090	Auto 5
			091 ó 100	Auto 6
			101 ó 110	Auto 7
			111 ó 120	Auto 8
			121 ó 130	Auto 9
			131 ó 140	Auto 10
			141 ó 150	Custom 1
			151 ó 160	Custom 2
			161 ó 170	Custom 3
			171 ó 180	Custom 4
			181 ó 190	Custom 5
			191 ó 200	Custom 6
			201 ó 210	Custom 7
	211 ó 220	Custom 8		
	221 ó 230	Custom 9		
	231 ó 255	Custom 10		

*Select strobe function in the main menu under **SET > STRB**, select **SPEC** or **CLAS**

DMX Values (cont.)

TR16 (cont.)	Channel	Function	Value	Percent/Setting
	14	Auto Speed	000 ó 255	0–100%
	15	Dimmer Speed	000 ó 009 010 ó 029 030 ó 069 070 ó 129 130 ó 189 190 ó 255	Preset dimmer speed from display menu Linear dimmer Nonlinear dimming curve 1 (fastest) Nonlinear dimming curve 2 Nonlinear dimming curve 3 Nonlinear dimming curve 4 (slowest)
	16	Pixel Selection	000 ó 009 010 ó 019 020 ó 029 030 ó 039 040 ó 049 050 ó 059 060 ó 069 070 ó 079 080 ó 089 090 ó 099 100 ó 109 110 ó 119 120 ó 129 130 ó 139 140 ó 149 150 ó 159 160 ó 169 170 ó 179 180 ó 189 190 ó 199 200 ó 219 220 ó 239 240 ó 255	Pix 1, 2, 3, 4, 5, 6, 7, 8, 9 (static) Pix 1 (static) Pix 2 (static) Pix 3 (static) Pix 4 (static) Pix 5 (static) Pix 6 (static) Pix 7 (static) Pix 8 (static) Pix 9 (static) Pix 1, 2, 3 (static) Pix 4, 5, 6 (static) Pix 7, 8, 9 (static) Pix 1, 2, 3, 7, 8, 9 (static) Pix 1, 2, 3, 4, 5, 6 (static) Pix 4, 5, 6, 7, 8, 9 (static) Pix 1, 3, 5, 7, 9 (static) Pix 2, 4, 6, 8 (static) Chase left-to-right Chase right-to-left Chase left-right-left Random Pix 1, 2, 3, 4, 5, 6, 7, 8, 9 (static)
ARC.1	Channel	Function	Value	Percent/Setting
	1	Red	000 ó 255	0–100%
	2	Green	000 ó 255	0–100%
	3	Blue	000 ó 255	0–100%
AR1.D	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ó 255	0–100%
	2	Red	000 ó 255	0–100%
	3	Green	000 ó 255	0–100%
	4	Blue	000 ó 255	0–100%
ARC.2	Channel	Function	Value	Percent/Setting
	1	Red	000 ó 255	0–100%
	2	Green	000 ó 255	0–100%
	3	Blue	000 ó 255	0–100%
	4	White	000 ó 255	0–100%

DMX Values (cont.)

AR2.D	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ó 255	0–100%
	2	Red	000 ó 255	0–100%
	3	Green	000 ó 255	0–100%
	4	Blue	000 ó 255	0–100%
	5	White	000 ó 255	0–100%

AR2.S	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ó 255	0–100%
	2	Red	000 ó 255	0–100%
	3	Green	000 ó 255	0–100%
	4	Blue	000 ó 255	0–100%
	5	White	000 ó 255	0–100%
	6	Classic Strobe	000 ó 009	No function
			010 ó 019	1 Hz
			020 ó 029	2 Hz
			030 ó 039	3 Hz
			040 ó 049	4 Hz
			050 ó 059	5 Hz
			060 ó 069	6 Hz
			070 ó 079	7 Hz
			080 ó 089	8 Hz
			090 ó 099	9 Hz
			100 ó 109	10 Hz
			110 ó 119	11 Hz
			120 ó 129	12 Hz
			130 ó 139	13 Hz
			140 ó 149	14 Hz
			150 ó 159	15 Hz
	160 ó 169	16 Hz		
	170 ó 179	17 Hz		
	180 ó 189	18 Hz		
	190 ó 199	19 Hz		
	200 ó 255	20 Hz		

HSV	Channel	Function	Value	Percent/Setting
	1	Hue	000 ó 255	0–100%
	2	Saturation	000 ó 255	0–100%
	3	Value	000 ó 255	0–100%

DMX Values (cont.)

PIX1	Channel	Function	Value	Percent/Setting
	1	Pixel 1 Red	000 ó 255	0–100%
	2	Pixel 1 Green	000 ó 255	0–100%
	3	Pixel 1 Blue	000 ó 255	0–100%
	4	Pixel 2 Red	000 ó 255	0–100%
	5	Pixel 2 Green	000 ó 255	0–100%
	6	Pixel 2 Blue	000 ó 255	0–100%
	7	Pixel 3 Red	000 ó 255	0–100%
	8	Pixel 3 Green	000 ó 255	0–100%
	9	Pixel 3 Blue	000 ó 255	0–100%
	10	Pixel 4 Red	000 ó 255	0–100%
	11	Pixel 4 Green	000 ó 255	0–100%
	12	Pixel 4 Blue	000 ó 255	0–100%
	13	Pixel 5 Red	000 ó 255	0–100%
	14	Pixel 5 Green	000 ó 255	0–100%
	15	Pixel 5 Blue	000 ó 255	0–100%
	16	Pixel 6 Red	000 ó 255	0–100%
	17	Pixel 6 Green	000 ó 255	0–100%
	18	Pixel 6 Blue	000 ó 255	0–100%
	19	Pixel 7 Red	000 ó 255	0–100%
	20	Pixel 7 Green	000 ó 255	0–100%
	21	Pixel 7 Blue	000 ó 255	0–100%
	22	Pixel 8 Red	000 ó 255	0–100%
	23	Pixel 8 Green	000 ó 255	0–100%
	24	Pixel 8 Blue	000 ó 255	0–100%
	25	Pixel 9 Red	000 ó 255	0–100%
	26	Pixel 9 Green	000 ó 255	0–100%
	27	Pixel 9 Blue	000 ó 255	0–100%

HALO	Channel	Function	Value	Percent/Setting
	1	Pixel 1 Dimmer 2700 K	000 ó 255	0–100%
	2	Pixel 2 Dimmer 2700 K	000 ó 255	0–100%
	3	Pixel 3 Dimmer 2700 K	000 ó 255	0–100%
	4	Pixel 4 Dimmer 2700 K	000 ó 255	0–100%
	5	Pixel 5 Dimmer 2700 K	000 ó 255	0–100%
	6	Pixel 6 Dimmer 2700 K	000 ó 255	0–100%
	7	Pixel 7 Dimmer 2700 K	000 ó 255	0–100%
	8	Pixel 8 Dimmer 2700 K	000 ó 255	0–100%
	9	Pixel 9 Dimmer 2700 K	000 ó 255	0–100%

DMX Values (cont.)

PIX2	Channel	Function	Value	Percent/Setting
	1	Pixel 1 Red	000 ó 255	0–100%
	2	Pixel 1 Green	000 ó 255	0–100%
	3	Pixel 1 Blue	000 ó 255	0–100%
	4	Pixel 1 White	000 ó 255	0–100%
	5	Pixel 2 Red	000 ó 255	0–100%
	6	Pixel 2 Green	000 ó 255	0–100%
	7	Pixel 2 Blue	000 ó 255	0–100%
	8	Pixel 2 White	000 ó 255	0–100%
	9	Pixel 3 Red	000 ó 255	0–100%
	10	Pixel 3 Green	000 ó 255	0–100%
	11	Pixel 3 Blue	000 ó 255	0–100%
	12	Pixel 3 White	000 ó 255	0–100%
	13	Pixel 4 Red	000 ó 255	0–100%
	14	Pixel 4 Green	000 ó 255	0–100%
	15	Pixel 4 Blue	000 ó 255	0–100%
	16	Pixel 4 White	000 ó 255	0–100%
	17	Pixel 5 Red	000 ó 255	0–100%
	18	Pixel 5 Green	000 ó 255	0–100%
	19	Pixel 5 Blue	000 ó 255	0–100%
	20	Pixel 5 White	000 ó 255	0–100%
	21	Pixel 6 Red	000 ó 255	0–100%
	22	Pixel 6 Green	000 ó 255	0–100%
	23	Pixel 6 Blue	000 ó 255	0–100%
	24	Pixel 6 White	000 ó 255	0–100%
	25	Pixel 7 Red	000 ó 255	0–100%
	26	Pixel 7 Green	000 ó 255	0–100%
	27	Pixel 7 Blue	000 ó 255	0–100%
	28	Pixel 7 White	000 ó 255	0–100%
	29	Pixel 8 Red	000 ó 255	0–100%
	30	Pixel 8 Green	000 ó 255	0–100%
	31	Pixel 8 Blue	000 ó 255	0–100%
	32	Pixel 8 White	000 ó 255	0–100%
	33	Pixel 9 Red	000 ó 255	0–100%
	34	Pixel 9 Green	000 ó 255	0–100%
	35	Pixel 9 Blue	000 ó 255	0–100%
	36	Pixel 9 White	000 ó 255	0–100%

5. Technical Information

Product Maintenance

To maintain optimum performance and minimize wear, you should clean this product frequently. Usage and environment are contributing factors in determining the cleaning frequency.

As a rule, clean this product at least twice a month. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced light source life and increased mechanical wear.

To clean your product:

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



Always dry the external surfaces thoroughly and carefully after cleaning them.



Do not spin the cooling fan using compressed air because you could damage it.

Returns

You must send the product prepaid, in the original box, and with the original packing and accessories. Chauvet will not issue call tags.

Call Chauvet and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause(s) for the return.

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



Do not write the RMA number directly on the box. Instead, write it on a properly affixed label.

Once you have received the RMA number, include the following information on a piece of paper inside the box:

- Your name
- Your address
- Your phone number
- The RMA number
- A brief description of the problem(s)

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



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

Technical Specifications

Dimensions and Weight	Length	Width	Height	Weight
	38 in (975 mm)	7.8 in (200 mm)	7.5 in (190 mm)	14.4 lb (6.5 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

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

Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	181 W	206 W
Operating current	1.5 A	0.9 A
Power linking current (units)	13.6 A (9 units)	13.6 A (15 units)
Fuse	T 3.15 A, 250 V	T 3.15 A, 250 V

Power I/O	U.S./Worldwide	Europe
Power input connector	Neutrik® powerCON® A	Neutrik® powerCON® A
Power output connector	Neutrik® powerCON® B	Neutrik® powerCON® B
Power cord plug	Edison (U.S.)	Local plug

Light Source	Type	Power	Lifespan
	LED	10 W	50,000 hours

Color	Quantity	Current
Quad-color (RGBW)	9	800 mA

Photometrics	Parameter	Standard Optics
	Illuminance @ 5 m	1,026 lx
	Beam angle	17° x 15°
	Field angle	31° x 30°
	Strobe rate	0–20 Hz

Thermal	Max. External Temperature	Cooling System
	113 °F (45 °C)	Fan-assisted Convection

DMX	I/O Connectors	Connector Type	Channel Range
	3- and 5-pin XLR	Sockets	3, 4, 5, 6, 9, 11, 16, 27 or 36

Ordering	Product Name	Item Code	UPC Number
	COLORado™ Batten Quad-9 Tour	01030801	781462211493



UL 1573
CSA C22.2 No. 166
E113093



Contact Us

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Outside the U.S., United Kingdom, Ireland, Mexico, or Benelux contact the dealer of record. Follow their instructions to request support or to return a product. Visit our website for contact details.