COLOR*dash* Par-H18X

User Manual

Model ID: COLORDASHPARH18X

CHAUVET PROFESSIONAL

Edition Notes

The COLORdash Par H18X User Manual includes a description, safety precautions, installation, programming, operation and maintenance instructions for the COLORdash Par H18X 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
6	10/2025	Updated “What is Included” section

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1. Before You Begin

What Is Included

- COLORdash Par H18X
- Seetronic Powerkon IP65 power cable
- Gel frame
- Omega bracket
- 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.

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 designed with reinforced insulation between the LV supply and the control conductors in accordance with applicable safety standards.
- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 20 in (0.5 m) is not expected.
- If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or its service agent.
- The light source contained in this luminaire shall only be replaced by the manufacturer or its service agent or a similar qualified person.
- The luminaire is intended for professional use only.

- **CAUTION:**
  - This product's housing may be hot when operating. Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
  - When transferring the product from extreme temperature environments, (e.g., cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow the product to fully acclimate to the surrounding environment before connecting it to power.
  - Flashing light is known to trigger epileptic seizures. User must comply with local laws regarding notification of strobe use.
- **ALWAYS:**
  - Disconnect from power before cleaning the product or replacing the fuse.
  - Replace the fuse with the same type and rating.
  - Use a safety cable when mounting this product overhead.
  - Connect this product to a grounded and protected circuit.
- **DO NOT:**
  - Open this product. It contains no user-serviceable parts.
  - Look at the light source when the product is on.
  - Leave any flammable material within 50 cm of this product while operating or connected to power.
  - Connect this product to a dimmer or rheostat.
  - Operate this product if the housing, lenses, or cables appear damaged.
  - Operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it (adhere to standards for the published IP rating).
  - 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 a Chauvet product requires service, contact Chauvet Technical Support.

FCC Statement of Compliance

This device complies with Part 15 Part B of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

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

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

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

Expected LED Lifespan

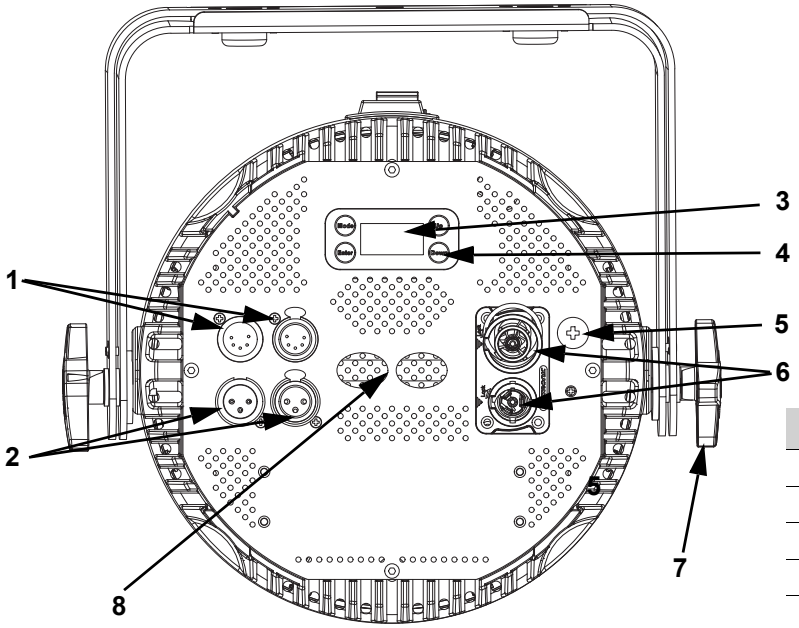
Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product,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

2. Introduction

Features

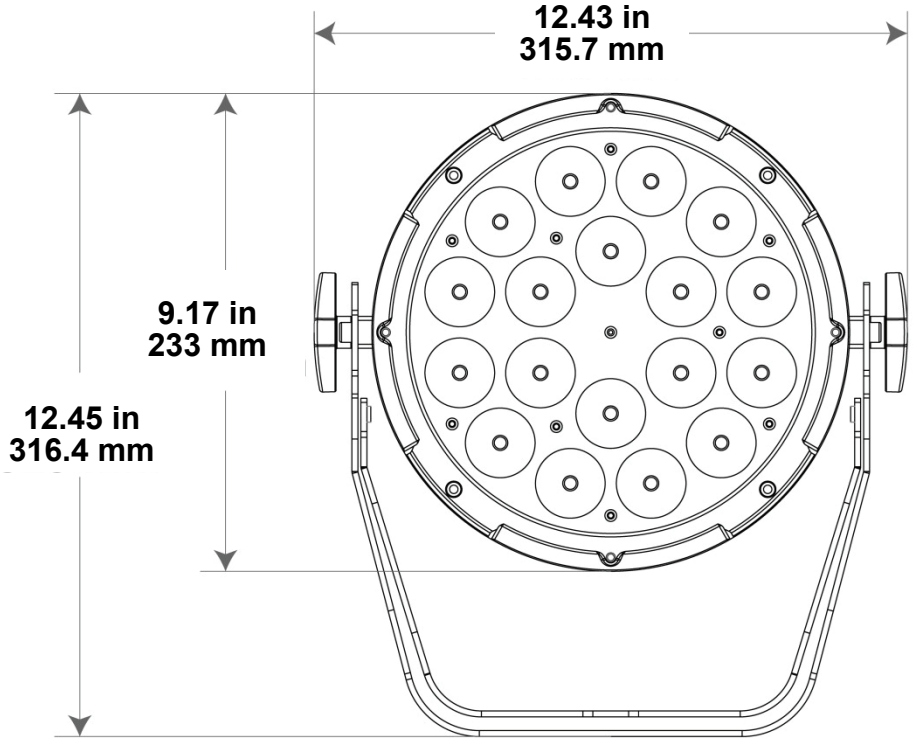
- Rugged RGBWA-UV LED wash for events
- Adjustable PWM (Pulse Width Modulation) to avoid flickering on camera
- RDM (Remote Device Management) for added flexibility
- Selectable, smooth dimming curves for eliminate flicker and choppiness in fades
- Easy to read OLED display with password protection and touchscreen interface
- Advanced optics provide exceptional color mixing and high efficiency
- Double-bracketed yoke with omega bracket doubles as floor stand

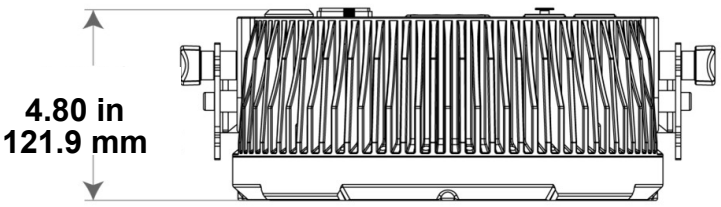
Product Overview



#	Name
1	5-pin DMX in/out
2	3-pin DMX in/out
3	LCD display
4	Menu buttons
5	Fuse holder
6	Power in/out
7	Bracket adjustment knob
8	Safety cable pass-through

Product Dimensions





3. Setup

AC Power

The COLORdash Par H18X 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). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**
- **To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.**

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

AC Plug

The COLORdash Par H18X comes with a power input cord terminated with a Seetronic Powerkon IP65 connector on one end and an Edison plug on the other end (U.S. market). If the power input cord that came with the product has no plug, or the user needs to change the 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

Power-Linking

This product comes with a power input cord. Power-linking cables are available from Chauvet for purchase.It is possible to power link COLORdash Par H18X 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	1.580 A	1.305 A	0.773 A	0.704 A	0.679 A

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

DMX Linking

The COLORdash Par H18X can work with a DMX controller using a 3- or 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 Par H18X uses a 3- or 5-pin DMX data connection for the **6CH**, **8CH**, **9CH**, **13CH**, and **14CH** DMX personalities.

- Refer to the Operation chapter to learn how to configure the COLORdash Par H18X to work in these 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 Par H18X supports RDM protocol that allows feedback to make changes to menu map options.

Master/Slave Connectivity

The Master/Slave mode allows a COLORdash Par H18X (the master) to control one or more COLORdash Par H18X products (the slaves) without a DMX controller. One COLORdash Par H18X becomes the master when running in auto show or VCW modes.

Each slave's control panel must be configured to operate in Slave mode. During Master/Slave operation, the slaves will operate in unison with the master.

DO NOT connect a DMX controller to products operating in Master/Slave mode. The DMX controller signals may interfere with the signals from the master.

- **The Operation section of this manual provides detailed instructions on how to configure the master and slaves.**
- **For more information about DMX standards or the DMX cables needed to link this product to a DMX controller, download the DMX Primer from the Chauvet website: www.chauvetprofessional.com.**

Mounting

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

Orientation

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

Rigging

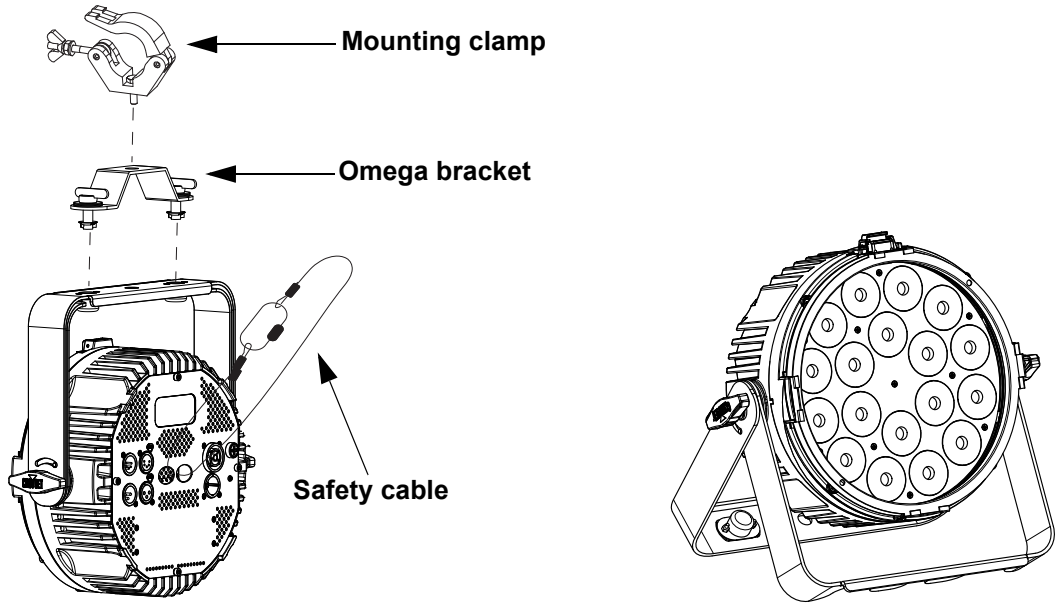
Chauvet recommends using the following general guidelines when mounting this product.

- 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.

Procedure

The COLORdash Par H18X comes with an omega bracket. Mounting clamps are sold separately. Make sure the clamp is capable of supporting the weight of this product. For the Chauvet Professional line of mounting clamps, go to http://www.trusst.com/products.

Mounting Diagram



Overhead mounting **Surface mounting**

4. Operation

Control Panel Description

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

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 go to the desired main level, press **<MENU>** repeatedly until the option shows on the display. Press **<ENTER>** to select.
- 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.
- Press **<MENU>** repeatedly to exit to the previous main level.

Passcode

When prompted, enter the following passcode: **<UP>**, **<DOWN>**, **<UP>**, **<DOWN>**, **<ENTER>**.
This passcode cannot be changed.

Menu Map

Refer to the COLORdash Par H18X product page on www.chauvetprofessional.com for the latest menu map and software.

Main Level	Programming Levels		Description
DMX Address	**001–507**		Sets the starting address
DMX Channel	**6CH**		6-channel: RGBAWUV
	8CH		8-channel: dimmer, RGBAWUV, strobe
	9CH		9-channel: 16-bit dimmer, RGBAWUV, strobe
	13CH		13-channel: dimmer, RGBAWUV, strobe, color macro, color temperature, auto programs and speed, dimmer mode
	14CH		14-channel: 16-bit dimmer, RGBAWUV, strobe, color macro, color temperature, auto programs and speed, dimmer mode
Static	**Fixed Color**	**R**	Red
		G	Green
		B	Blue
		A	Amber
		W	White
		UV	Ultraviolet (UV)
		RG	Red/Green
		RB	Red/Blue
		RA	Red/Amber
		RW	Red/White
		RUV	Red/UV
		GB	Green/Blue
		GA	Green/Amber
		GW	Green/White
		GUV	Green/UV
		BA	Blue/Amber
		BW	Blue/White
		BUV	Blue/UV
		AW	Amber/White
		AUV	Amber/UV
		WUV	White/UV
		RGB	Red/Green/Blue
		RGA	Red/Green/Amber
		RGW	Red/Green/White
		RGUV	Red/Green/UV
		RBA	Red/Blue/Amber
		RBW	Red/Blue/White
		RBUV	Red/Blue/UV

Main Level	Programming Levels		Description
Static (cont.)	**Fixed Color** (cont.)	**RAW**	Red/Amber/White
		RAUV	Red/Amber/UV
		RWUV	Red/White/UV
		GBA	Green/Blue/Amber
		GBW	Green/Blue/White
		GBUV	Green/Blue/UV
		GAW	Green/Amber/White
		GAUV	Green/Amber/UV
		GWUV	Green/White/UV
		BAW	Blue/Amber/White
		BAUV	Blue/Amber/UV
		BWUV	Blue/White/UV
		AWUV	Amber/White/UV
		RGBA	Red/Green/Blue/Amber
		RGBW	Red/Green/Blue/White
		RGBUV	Red/Green/Blue/UV
		RGAW	Red/Green/Amber/White
		RGAUV	Red/Green/Amber/UV
		RGWUV	Red/Green/White/UV
		RBAW	Red/Blue/Amber/White
		RBAUV	Red/Blue/Amber/UV
		RBWUV	Red/Blue/White/UV
		RAWUV	Red/Amber/White/UV
		GBAW	Green/Blue/Amber/White
		GBAUV	Green/Blue/Amber/UV
		GBWUV	Green/Blue/White/UV
		GAWUV	Green/Amber/White/UV
		BAWUV	Blue/Amber/White/UV
		RGBAW	Red/Green/Blue/Amber/White
		RGBAUV	Red/Green/Blue/Amber/UV
		RGBWUV	Red/Green/Blue/White/UV
		RGAWUV	Red/Green/Amber/White/UV
		RBAWUV	Red/Blue/Amber/White/UV
		GBAWUV	Green/Blue/Amber/White/UV
		RGBAWUV	Red/Green/Blue/Amber/White/UV
	Color Temperature	**Warm White 1**	Preset white color temperatures
		Warm White 2	
		Warm White 3	
		Neutral White 1	
		Neutral White 2	
		Neutral White 3	
		Daylight 1	
		Daylight 2	
		Daylight3	
		Daylight 4	

Main Level	Programming Levels			Description
Static (cont.)	**Manual Color Mixer**	**Red**	**000–255**	Combine red, green, blue, amber, white, and ultraviolet to make a custom color (0–100%)
		Green		
		Blue		
		Amber		
		White		
		UV		
Auto show	**Auto 1–5**	**001–100**		Automatic programs and speed
Master/Slave	**Master**			DMX mode (Master)
	Slave			Slave mode
Dimmer Mode	**Off**			Linear dimmer
	Dimmer1–3			Dimmer speed, fast (**1**) to slow (**3**)
White Balance	**Off**			Uses factory default white setting
	Manual	**Red**	**125–255**	Sets maximum red value
		Green		Sets maximum green value
		Blue		Sets maximum blue value
		Amber		Sets maximum amber value
		White		Sets maximum white value
		UV		Sets maximum UV value
LED Frequency	**600Hz**			Sets the Pulse Width Modulation frequency
	1200Hz			
	2000Hz			
	4000Hz			
	6000Hz			
	25kHz			
Back Light	**10S**			Display turns off after 10 seconds
	30S			Display turns off after 30 seconds
	2Min			Display turns off after 2 minutes
	Always On			Display stays on
Key Lock	**On**			Locks the display. Passcode: **<UP>**, **<DOWN>**, **<UP>**, **<DOWN>**, **<ENTER>**
	Off			
Information	**Fixture Hours**	**<_ _ _ _ _ H>**		Shows hours product has been on
	Version	**<V_._ _ _ _ _ _>**		Shows the current firmware version
	UID	**<_ _ _ _ _ _ _ _ _ _ _ _>**		Shows the product UID
Reset Factory	**NO**			Reset to factory default settings
	YES			
System Update	**Put the update file into the USB stick and connect it to the device through an adapter cable.**			Update firmware via USB to DMX adapter cable
	NO			
	YES			

DMX Configuration

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

DMX Personalities

This setting allows users to choose a particular DMX personality.

1. Go to the **DMX Channel** main level.
2. Select the desired personality (**6Ch**, **8Ch**, **9Ch**, **13Ch**, or **14Ch**).

- **See the DMX Control section for the highest starting address available for each personality.**
- **Make sure that the starting addresses on the various 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 Personalities.
2. Set the running mode:
   a. Go to the **Master/Slave** main level
   b. Select the **Master** programming level
3. Set the starting address:
   a. Go to **Start Address** main level.
   b. Select the starting address (**001**–**507**).

The highest recommended starting address for each DMX personality is as follows:

DMX Personality	Starting Address
14Ch	**499**
13Ch	**500**
9Ch	**504**
8Ch	**505**
6Ch	**507**

DMX Values

14Ch / 13Ch / 9Ch / 8Ch / 6Ch

6CH	8CH	9CH	13CH	14CH	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	No function
						011 ⇔ 255	Strobe, slow to fast
–	–	–	9	10	**Color macro**	000 ⇔ 010	No function
						011	Red full
						012 ⇔ 029	Red full, green increases
						030	Red and green full
						031 ⇔ 049	Green full, red decreases
						050	Green full
						051 ⇔ 069	Green full, blue increases
						070	Green and blue full
						071 ⇔ 089	Blue full, green decreases
						090	Blue full
						091 ⇔ 109	Blue full, red increases
						110	Red and blue full
						111 ⇔ 129	Red full, blue decreases
						130	Red full
						131 ⇔ 149	Red full, green and blue increase
						150	Red, green, and blue full
						151 ⇔ 169	Blue full, red and green decrease
						170	Blue full
						171 ⇔ 200	Red, green, and blue full
						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

6CH	8CH	9CH	13CH	14CH	Function	Value	Percent/Setting
–	–	–	11	12	**Automatic programs**	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	**Program speed**	000 ⇔ 255	Automatic 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**, **RGBAUV**, **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**, **Warm White 2**, **Warm White 3**, **Neutral White 1**, **Neutral White 2**, **Neutral White 3**, **Daylight 1**, **Daylight 2**, **Daylight 3**, or **Daylight 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

The Master/Slave mode allows a group of COLORdash Par H18X products (the slaves) to simultaneously duplicate the output of another COLORdash Par H18X (the master) without a DMX controller.

To set each of the slaves:

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

To set the master:

1. Go to the **Master/Slave** main level
2. Select **Master**.
3. Select a standalone setting.

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

Dimmer Speed

This setting determines how fast the output of the COLORdash Par H18X changes when the output value is modified. It provides four different options to simulate the dimming curve of an incandescent lighting product. To select a specific dimmer profile, do the following:

1. Go to the **Dimmer Speed** main level.
2. Select a dimmer curve (**Off**, **Dimmer 1**, **Dimmer 2**, or **Dimmer 3**).

Off: The output is proportional (linear) to the dimmer channel value.
Dimmer 1–3: The output follows the dimmer value based on the corresponding dimmer curve, **Dimmer 1** being the fastest.

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**.

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**.

Key Lock

To lock the display with a passcode:

1. Go to the **Key Lock** main level.
2. Select **On** (lock the display) or **Off** (unlock the display).

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).

System Update

To update the firmware with a USB to DMX adapter cable:

1. Go to the **System Update** main level.
2. Follow the instructions (**Put the update file into the USB stick and connect it to the device through an adapter cable**).
3. Select **NO** (to cancel) or **YES** (to update the firmware).

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 all lighting products 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.

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
12.45 in (316.4 mm)	12.43 in (315.7mm)	4.8 in (121.9 mm)	10.4 lb (4.7 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	161 W	155 W	153 W	152 W	152 W
Operating Current	1.580 A	1.305 A	0.773 A	0.704 A	0.679 A

Power I/O	U.S./Worldwide	UK/Europe
Power Input Connectors	Seetronic Powerkon IP65	Seetronic Powerkon IP65
Power Output Connector	Seetronic Powerkon IP65	Seetronic Powerkon IP65
Power Cord plug	Edison (U.S.)	Local Plug

Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	HEX-color RGBWAUV	18	10 W	550 mA	50,000 hours

Photometrics

Color Temperature (Range)	Color Temperature (At Full)	Beam Angle	Field Angle	Illuminance @ 5 m
2800 to 10000 K	9507 K	23.6°	38.6°	1,207 lux

Lumens
5,736

Thermal

Startup Temperature Range	Operating Temperature Range	Cooling System
-4 °F–113 °F (-20 °C–45 °C)	-22 °F–113 °F (-30 °C–45 °C)	Fan-assisted Convection

DMX

I/O Connector	Channel Range
3- and 5-pin XLR	6, 8, 9, 13, 14

Art-Net™/sACN

I/O Connector	Channel Range
Seetronic Etherkon-Compatible	6Ch, 8Ch, 9Ch, 13Ch, 14Ch

Ordering

Product Name	Item Name	Item Code	UPC Number
COLORdash Par H18X	COLORDASHPARH18X	10031873	781462222215

UL 1573
CSA C22.2 No. 166
E113093

Contact Us

General Information	Technical Support
Chauvet World Headquarters	
Address: 3360 Davie Rd., Suite 509 Davie, FL 33314 Voice: (954) 577-4455 Fax: (954) 929-5560 Toll Free: (800) 762-1084	Voice: (844) 393-7575 Fax: (954) 756-8015 Email: chauvetcs@chauvetlighting.com Website: www.chauvetdj.com
Chauvet U.K.	
Address: Pod 1 EVO Park Little Oak Drive, Sherwood Park Nottinghamshire, NG15 0EB UK Voice: +44 (0) 1773 511115 Fax: +44 (0) 1773 511110	Email: UKtech@chauvetlighting.eu Website: www.chauvetdj.eu
Chauvet Benelux	
Address: Vaartlaan 9 9800 Deinze Belgium Voice: +32 9 388 93 97	Email: BNLtech@chauvetlighting.eu Website: www.chauvetdj.eu
Chauvet France	
Address: 3, Rue Ampère 91380 Chilly-Mazarin France Voice: +33 1 78 85 33 59	Email: FRtech@chauvetlighting.fr Website: www.chauvetdj.eu
Chauvet Germany	
Address: Bruno-Bürgel-Str. 11 28759 Bremen Germany Voice: +49 421 62 60 20	Email: DEtech@chauvetlighting.de Website: www.chauvetdj.eu
Chauvet Mexico	
Address: Av. de las Partidas 34 - 3B (Entrance by Calle 2) Zona Industrial Lerma Lerma, Edo. de México, CP 52000 Voice: +52 (728) 690-2010	Email: servicio@chauvet.com.mx Website: www.chauvetdj.mx

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.