

COLORband H9 ILS

User Manual



Edition Notes

The COLORband H9 ILS User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the COLORband H9 ILS 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.chauvetdj.com for the latest version.

Revision	Date	Description
2	07/2026	Manual reformatting, updated What Is Included.

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1. Before You Begin

What Is Included

- COLORband H9 ILS
- Power cable
- powerCON to bare wire cable (EU only)
- Hanging bracket
- Quick Reference Guide

Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

Claims

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
ON	A value to be entered or selected

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.

Safety Notes

These Safety Notes include important information about installation, use, and maintenance of the COLORband H9 ILS.



- **ALWAYS:**

- ◆ Connect to a grounded circuit.
- ◆ Connect to operating voltages as specified on the product's spec sticker.
- ◆ Disconnect from power before replacing the fuse.
- ◆ Disconnect from its power source during periods of inactivity.
- ◆ Use a safety cable when suspending overhead.
- ◆ Heed all restrictions and warnings on the spec sticker.
- ◆ Mount in a location with at least 20 in (50 cm) of ventilation.
- ◆ Replace the fuse with the same type and rating.

- In the event of a serious operating problem, stop using immediately.

- **DO NOT:**

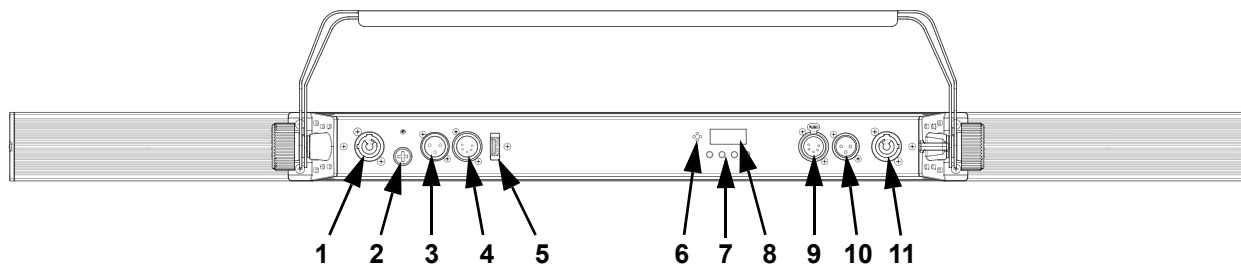
- ◆ Open this product or attempt any repairs. It contains no user-serviceable parts.
- ◆ Look at the light source when the product is on.
- ◆ Use if the power cable is crimped or damaged.
- ◆ Disconnect by pulling on the power cable.
- ◆ Allow flammable materials close to the product when it is operating.
- ◆ Touch the housing when it is on.
- ◆ Block any ventilation holes/slots in the housing.
- ◆ Connect to a dimmer or rheostat.
- ◆ Carry the product by its power cable.
- ◆ Operate in temperatures higher than 104°F (40°C).
- ◆ Expose to environments that exceed the Ingress Protection (IP) rating.
- ◆ Expose to rain or moisture.
- ◆ Use outdoors.



Keep this User Manual for future use. If the product is sold to someone else, be sure that they also receive this document.

2. Introduction

Product Overview

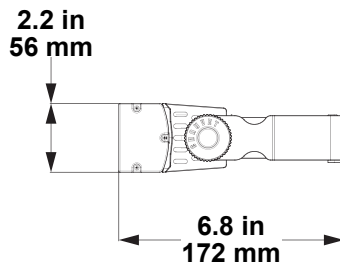
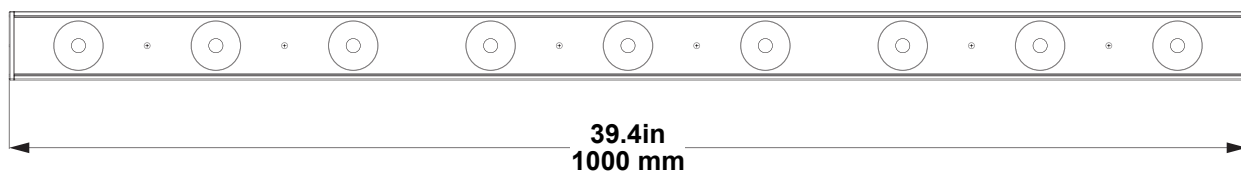


#	Name	#	Name
1	Power in	7	Menu buttons
2	Fuse holder	8	Menu display
3	3-pin DMX in	9	5-pin DMX out
4	5-pin DMX in	10	3-pin DMX out
5	D-Fi USB port	11	Power out
6	Microphone		



WARNING! DO NOT plug anything other than a D-Fi USB into the USB type B port. Doing so may cause damage to the product.

Product Dimensions



3. Setup

AC Power

The COLORband H9 ILS 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.

EU Version AC Plug

The EU version of this product comes with a power input cable terminated with a powerCON connector on one end and bare wire on the other end. Use the table below to wire a plug.

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

Fuse Replacement

1. Disconnect the product from power.
2. Using a Phillips-head screwdriver, unscrew the fuse holder and pull it straight out.
3. Remove the blown fuse from the holder and replace with a fuse of the exact same type and rating.
4. Re-insert the fuse holder and reconnect power.



Disconnect the product from the power outlet before replacing the fuse.

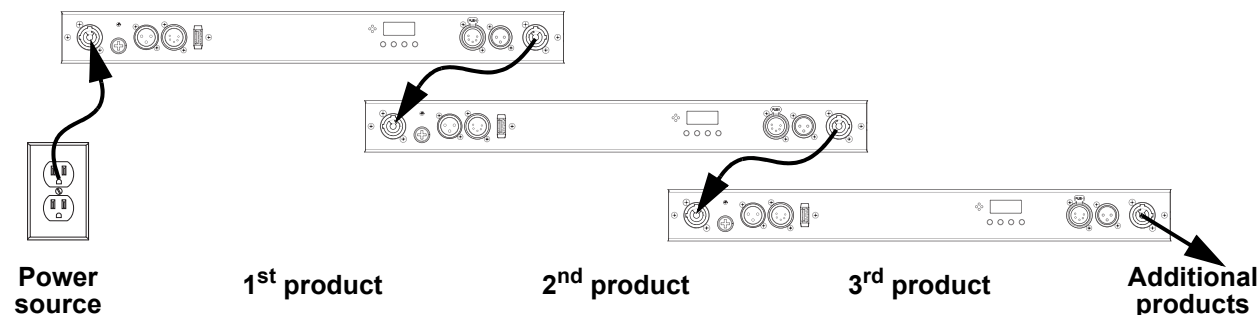


Always replace a blown fuse with one of the same type and rating.

Power Linking

This product provides power linking via the outlet located in the back of the product. See the diagram below for further explanation.

Power Linking Diagram



It is possible to link up to 12 COLORband H9 ILS products on 120 VAC or up to 21 products on 230 VAC.



The power linking diagram shown above corresponds to the North American version of the product ONLY! If using the product in other markets, consult with the local Chauvet distributor as power linking connectors and requirements may differ by country or region.

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the [Safety Notes](#).

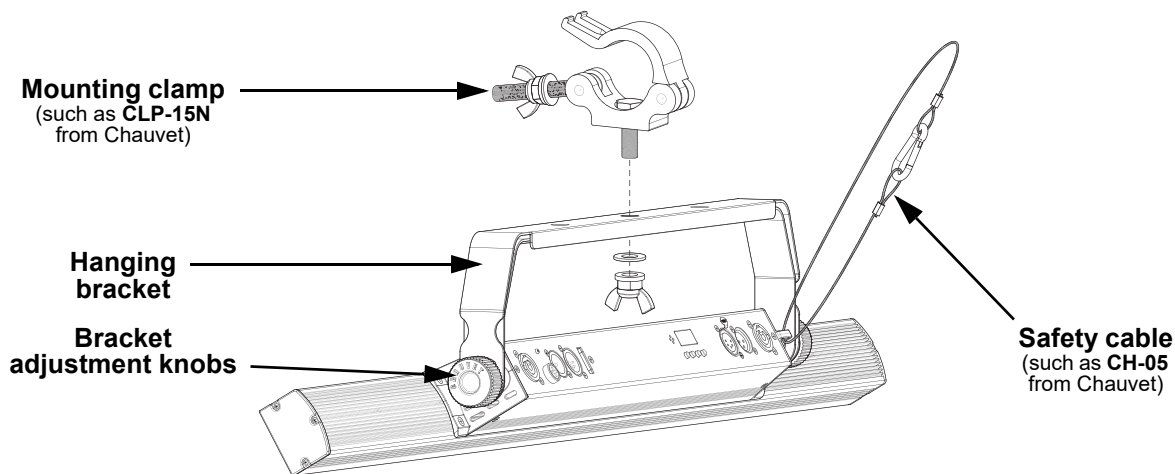
Orientation

The COLORband H9 ILS may be mounted in any position; however, make sure adequate ventilation is provided around the product.

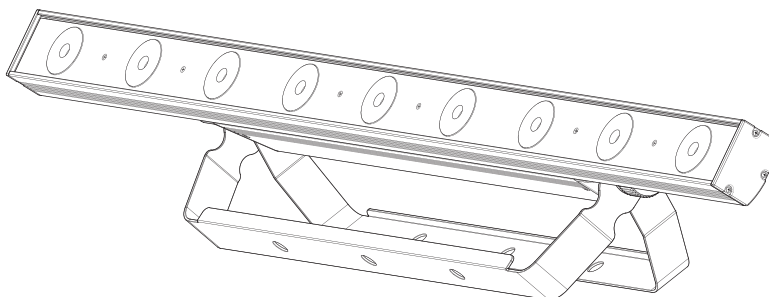
Rigging

- Before deciding on a location for the product, always make sure there is easy access to the product for maintenance and programming.
- Make sure that the structure and attachment points can support the weight before hanging the product (see the [Technical Specifications](#) section for weight information).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, such as an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity. The bracket has a 13-mm hole, which is appropriate for this purpose.
- 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.
- When power linking multiple products, mount the products close enough for power linking cables to reach.
- When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.

Mounting Diagram



Overhead mounting



Surface mounting

4. Operation

Control Panel Operation

To access the control panel functions, use the four buttons located underneath the display. Please refer to the [Product Overview](#) to see the button locations on the control panel.

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

Menu Map

Refer to the COLORband H9 ILS product page on www.chauvetdj.com for the latest menu map and software.

Mode	Programming Levels		Description	
DMX Mode	6-Ch	d 1–507	6-channel DMX mode (see 1-Zone Modes)	
	9-Ch	d 1–504	9-channel DMX mode (see 1-Zone Modes)	
	11Ch	d 1–502	11-channel DMX mode (see 1-Zone Modes)	
	18Ch	d 1–495	18-channel DMX mode (see 3-Zone Modes)	
	23Ch	d 1–490	23-channel DMX mode (see 3-Zone Modes)	
ILS Mode	iLS	iLS1–4	Sets ILS mode	
Static Color	C--	C 1–63	Static colors	
Programs	P--	P 1–14	Automatic programs	
Speed	S--	S. 1–100	Automatic program speed	
Sound Mode	Snd	Snd	Sound-active program	
Sensitivity	SenS	u 0–100	Sound sensitivity	
Manual Mode	U--	r. 0–255	Combine red, green, blue, amber, white, and UV for a custom static color	
		G. 0–255		
		b. 0–255		
		A. 0–255		
		W. 0–255		
		P. 0–255		
Dimmer Speed	dIM	oFF	Sets the dimmer speed	
		dIM1–3		
RF Control	SEt	RF	oFF	Disables RFC remote control
			Link	Link to a single remote by pressing and holding <freeze> , (RFC) or <BLACK OUT> (RFC-XL) until the display shows PASS (success) or ErrO (failure)
			PubL	Public mode, control with any RFC or RFC-XL remote
			GP1–4	Sets to an RFC-XL remote receiving group
		RESt		Reset to factory default settings

DMX Configuration

The COLORband H9 ILS works with a DMX controller. Information about DMX is in the Chauvet DMX Primer, which is available from the Chauvet website chauvetlighting.com/downloads/DMX_Primer_rev05_WO.pdf.

Personality and Starting Address

The COLORband H9 ILS uses up to 23 DMX channels, which defines the highest configurable address to **490**. When selecting a starting DMX address, always consider the number of DMX channels the DMX mode uses. If the starting address is set too high, access to some channels could be restricted.

To select the personality and starting address, do the following:

1. Press **<MENU>** repeatedly until **6-Ch**, **9-Ch**, **11Ch**, **18Ch**, or **23Ch** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the starting address, from **d 1–507**.
4. Press **<ENTER>**.

D-Fi USB Connectivity

The COLORband H9 ILS is able to become a D-Fi wireless receiver/transmitter with the use of the D-Fi USB from Chauvet DJ. Simply set the product's DMX Personality and DMX Address, set the DIP switch D-Fi receiving/transmitting channel, then plug it into the D-Fi USB port.



WARNING! DO NOT plug anything other than a D-Fi USB into the USB type B port. Doing so may cause damage to the product.



Once plugged in, the D-Fi USB will take over the product. Wired DMX and manual display control / menu buttons will be unavailable until the D-Fi USB is unplugged. The priority levels are:

1. D-Fi USB
2. Wired DMX
3. Manual Digital Display/Menu Buttons

D-Fi USB Compatibility

The D-Fi USB can receive a DMX signal from the D-Fi Hub and the FlareCON Air 2 as well as other D-Fi USB products.

D-Fi USB Configuration

1. Set the DMX Personality and DMX address on the COLORband H9 ILS.
2. Use the Chart provided to set **BOTH**:
 - the Channel, and then
 - The Receiving or Transmitting option

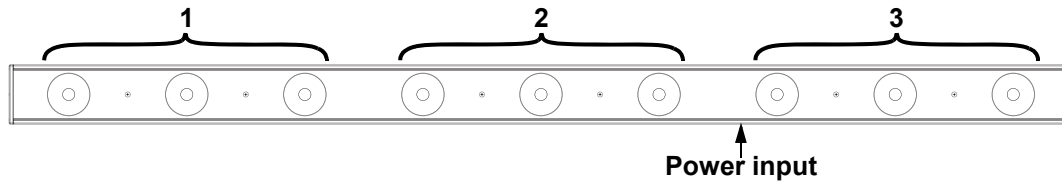
NOTE: DIP Switch 5 is for Transmitting OR Receiving, please choose carefully.

D-Fi USB DIP Switch Channels

Receiving →						Receiving →						Transmitting →						Transmitting →					
Ch.	1	2	3	4	T/R	Ch.	1	2	3	4	T/R	Ch.	1	2	3	4	T/R	Ch.	1	2	3	4	T/R
1						9						1						9					
2						10						2						10					
3						11						3						11					
4						12						4						12					
5						13						5						13					
6						14						6						14					
7						15						7						15					
8						16						8						16					

DMX Channel Assignments and Values

Zones for DMX Control



DMX Charts

3-Zone Modes

18Ch	23Ch	Function	Value	Percent/Setting
1	1	Red 1	000 ⇔ 255	0–100%
2	2	Green 1	000 ⇔ 255	0–100%
3	3	Blue 1	000 ⇔ 255	0–100%
4	4	Amber 1	000 ⇔ 255	0–100%
5	5	White 1	000 ⇔ 255	0–100%
6	6	Ultraviolet 1	000 ⇔ 255	0–100%
7	7	Red 2	000 ⇔ 255	0–100%
8	8	Green 2	000 ⇔ 255	0–100%
9	9	Blue 2	000 ⇔ 255	0–100%
10	10	Amber 2	000 ⇔ 255	0–100%
11	11	White 2	000 ⇔ 255	0–100%
12	12	Ultraviolet 2	000 ⇔ 255	0–100%
13	13	Red 3	000 ⇔ 255	0–100%
14	14	Green 3	000 ⇔ 255	0–100%
15	15	Blue 3	000 ⇔ 255	0–100%
16	16	Amber 3	000 ⇔ 255	0–100%
17	17	White 3	000 ⇔ 255	0–100%
18	18	Ultraviolet 3	000 ⇔ 255	0–100%
–	19	Color macros	000 ⇔ 014	No function
			015 ⇔ 255	Color macros
–	20	Strobe (when Ch. 21 is 000 ⇔ 031)	000 ⇔ 015	No function
			016 ⇔ 255	Strobe, slow to fast
		Program speed (when Ch. 21 is 032 ⇔ 226)	000 ⇔ 255	Program speed, slow to fast
		Sound sensitivity (when Ch. 21 is 227 ⇔ 255)	000 ⇔ 010	Sound sensitivity off
			011 ⇔ 255	Sound sensitivity, low to high

18Ch	23Ch	Function	Value	Percent/Setting
–	21	Program	000 ⇔ 031	No function
			032 ⇔ 063	Pulse effect, 0-100%
			064 ⇔ 095	Pulse effect, 100-0%
			096 ⇔ 114	Pulse effect, 100-0-100%
			115 ⇔ 122	Automatic program 1
			123 ⇔ 130	Automatic program 2
			131 ⇔ 138	Automatic program 3
			139 ⇔ 146	Automatic program 4
			147 ⇔ 154	Automatic program 5
			155 ⇔ 162	Automatic program 6
			163 ⇔ 170	Automatic program 7
			171 ⇔ 178	Automatic program 8
			179 ⇔ 186	Automatic program 9
			187 ⇔ 194	Automatic program 10
			195 ⇔ 202	Automatic program 11
			203 ⇔ 210	Automatic program 12
			211 ⇔ 218	Automatic program 13
			219 ⇔ 226	Automatic program 14
			227 ⇔ 255	Sound-active program
–	22	Dimmer	000 ⇔ 255	0–100%
–	23	Dimmer speed	000 ⇔ 051	Dimmer speed set from display menu
			052 ⇔ 101	Dimmer speed mode off
			102 ⇔ 152	Dimmer speed mode 1 (fast)
			153 ⇔ 203	Dimmer speed mode 2 (medium)
			204 ⇔ 255	Dimmer speed mode 3 (slow)

1-Zone Modes

6-Ch	9-Ch	11Ch	Function	Value	Percent/Setting
1	1	1	Red	000 ⇔ 255	0–100%
2	2	2	Green	000 ⇔ 255	0–100%
3	3	3	Blue	000 ⇔ 255	0–100%
4	4	4	Amber	000 ⇔ 255	0–100%
5	5	5	White	000 ⇔ 255	0–100%
6	6	6	Ultraviolet	000 ⇔ 255	0–100%
–	–	7	Color macros	000 ⇔ 014	No function
–	–	–	–	015 ⇔ 255	Color macros
–	7	–	Dimmer	000 ⇔ 255	0–100%
–	8	–	Strobe (when Ch. 9 is 000 ⇔ 031)	000 ⇔ 015	No function
–	–	8	Program speed (when Ch. 9 is 032 ⇔ 226)	016 ⇔ 255	Strobe, slow to fast
–	–	–	–	000 ⇔ 255	Program speed, slow to fast
–	–	–	–	000 ⇔ 010	Sound sensitivity off
–	–	–	–	011 ⇔ 255	Sound sensitivity, low to high
–	–	9	Program	000 ⇔ 031	No function
–	–	–	–	032 ⇔ 063	Pulse effect, 0-100%
–	–	–	–	064 ⇔ 095	Pulse effect, 100-0%
–	–	–	–	096 ⇔ 114	Pulse effect, 100-0-100%
–	–	–	–	115 ⇔ 122	Automatic program 1
–	–	–	–	123 ⇔ 130	Automatic program 2
–	–	–	–	131 ⇔ 138	Automatic program 3
–	–	–	–	139 ⇔ 146	Automatic program 4
–	–	–	–	147 ⇔ 154	Automatic program 5
–	–	–	–	155 ⇔ 162	Automatic program 6
–	–	–	–	163 ⇔ 170	Automatic program 7
–	–	–	–	171 ⇔ 178	Automatic program 8
–	–	–	–	179 ⇔ 186	Automatic program 9
–	–	–	–	187 ⇔ 194	Automatic program 10
–	–	–	–	195 ⇔ 202	Automatic program 11
–	–	–	–	203 ⇔ 210	Automatic program 12
–	–	–	–	211 ⇔ 218	Automatic program 13
–	–	–	–	219 ⇔ 226	Automatic program 14
–	–	–	–	227 ⇔ 255	Sound-active program
–	–	10	Dimmer	000 ⇔ 255	0–100%
–	9	11	Dimmer speed	000 ⇔ 051	Dimmer speed set from display menu
–	–	–	–	052 ⇔ 101	Dimmer speed mode off
–	–	–	–	102 ⇔ 152	Dimmer speed mode 1 (fast)
–	–	–	–	153 ⇔ 203	Dimmer speed mode 2 (medium)
–	–	–	–	204 ⇔ 255	Dimmer speed mode 3 (slow)

Standalone Configuration

Set the product in one of the standalone modes to operate without a DMX controller.



Never connect a product that is operating in any standalone mode to a DMX string connected to a DMX controller. Products in standalone mode may transmit DMX signals that could interfere with the DMX signals from the controller.

Static Color

To run the COLORband H9 ILS on a static color:

1. Press **<MENU>** repeatedly until **C--** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select a static color, from **C 1–63**.
4. Press **<ENTER>**.

Automatic Programs

To run an automatic program on the COLORband H9 ILS:

1. Press **<MENU>** repeatedly until **P--** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select an automatic program, from **P 1–14**.
4. Press **<ENTER>**.

Program Speed

To set the speed of the automatic program:

1. Press **<MENU>** repeatedly until **S--** shows on the display.
2. Use **<UP>** or **<DOWN>** to increase or decrease the speed, from **S. 001–100**.
3. Press **<ENTER>**.

Sound-Active Program

To run the COLORband H9 ILS with a sound-active program:

1. Press **<MENU>** repeatedly until **Snd** shows on the display.
2. Press **<ENTER>**.

Sound Sensitivity

To set the sound sensitivity on the COLORband H9 ILS:

1. Press **<MENU>** repeatedly until **SenS** shows on the display.
2. Use **<UP>** or **<DOWN>** to increase or decrease the sound sensitivity, from **U.0–100**.
3. Press **<ENTER>**.

Custom Color-Mixing

To mix a custom color on the COLORband H9 ILS, do the following:

1. Press **<MENU>** repeatedly until **u--** shows on the display.
2. Press **<ENTER>** and one of the following will show on the display:
 - **r. _ _ _** (red)
 - **G. _ _ _** (green)
 - **b. _ _ _** (blue)
 - **A. _ _ _** (amber)
 - **W. _ _ _** (white)
 - **P. _ _ _** (ultraviolet)
3. Press **<ENTER>** to cycle through the options.
4. Use **<UP>** or **<DOWN>** to increase or decrease the selected value, from **0–255**.
5. Repeat steps 3 and 4 until the color is set as desired.

Dimmer Speed

To set the dimmer speed of the COLORband H9 ILS:

1. Press **<MENU>** repeatedly until **dim** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to set the dimmer, from **dim1** (fast) to **dim3** (slow) or **OFF**.
4. Press **<ENTER>**.

Factory Reset

To reset the COLORband H9 ILS to default factory settings, follow the instructions below:

1. Press **<MENU>** repeatedly until **SEt** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **RESt**.
4. Press **<ENTER>**.

Wired Master/Slave Mode

The Master/Slave mode allows a single COLORband H9 ILS product (the “master”) to control the actions of one or more COLORband H9 ILS products (the “slaves”) without the need of a DMX controller. The master product will be set to operate in either standalone mode or with the IRC-6, while the slave products will be set to operate in slave mode. Once set and connected, the slave products will operate in unison with the master product.

Configure the products as indicated below.

Slave products:

1. Press **<MENU>** repeatedly until **6-Ch** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to set the starting address to **d 1**.
4. Press **<ENTER>**.
5. Connect the DMX input of the first slave product to the DMX output of the master product.
6. Connect the DMX input of the subsequent slave products to the DMX output of the previous slave product.
7. Finish setting and connecting all the slave products.

Master product:

1. Set the master product to operate in standalone mode or with the IRC-6.
2. Make the master product the first product in the DMX daisy chain.



- **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.**

D-Fi USB Master/Slave Mode

The D-Fi USB allows a single COLORband H9 ILS product (the “master”) to control the actions of one or more COLORband H9 ILS products (the “slaves”) without the need of a DMX controller or DMX cables. The master (transmitter) product will be set to operate in standalone mode, while the slave (receiver) products will be set to operate in slave mode. Once set and connected, the slave products will operate in unison with the master product.

Configure the products as indicated below.

Slave products:

1. Press **<MENU>** repeatedly until **6-Ch** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to set the starting address to **d 1**.
4. Press **<ENTER>**.
5. Set the D-Fi USB to receive on a specific channel, 1–16.
6. Plug in the D-Fi USB.
7. Finish setting and connecting all the slave products.

Master product:

1. Set the master product to operate in standalone mode.
2. Set the D-Fi USB to transmit on the D-Fi channel the slaves are receiving on.
3. Plug in the D-Fi USB.



- **All products must be set to the same DMX personality, DMX address, and D-Fi channel.**
- **Configure all the slave products before configuring the master to transmit.**
- **Never connect a DMX controller to a D-Fi channel configured for Master/Slave operation because the controller may interfere with the signals from the master.**

ILS Mode

ILS (Integrated Lighting System) provides 4 modes that synchronize with the GigBAR MOVE+ILS: Modes 1 and 3 synchronize with side 1 of the GigBAR MOVE+ILS, whereas modes 2 and 4 synchronize with side 2 of the GigBAR MOVE+ILS. When linked, effects will sync with the most similar effect on the selected side of the GigBAR MOVE+ILS: Kinta effects will sync with one of the kintas, moving heads will sync with one of the moving heads, and wash effects will sync with one of the pars. Laser effects will sync with the laser, and strobe effects will sync with the strobe effects regardless of ILS mode.

This product will synchronize with the par effect on the selected side of the GigBAR MOVE+ILS, as well as the laser and strobes.

To set the COLORband H9 ILS to respond to an ILS signal:

1. Press **<MENU>** repeatedly until **iLS_** shows on the display.
2. Use **<UP>** or **<DOWN>** to select from **iLS1** (side 1), **iLS2** (side 2), **iLS3** (side 1), or **iLS4** (side 2).
3. Press **<ENTER>**.

RFC Remote Control

The COLORband H9 ILS can be operated with an RFC remote or an RFC-XL remote (sold separately).



For more information about using an RFC or RFC-XL remote, download the user manuals from www.chauvetdj.com

RFC Remote Binding

To enable RF control, the product must bind to the RFC/RFC-XL. To bind the COLORband H9 ILS to an RFC/RFC-XL, follow the instructions below:

1. Press **<MENU>** repeatedly until **SEt** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **RF**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **Link**.
6. Press **<ENTER>**.
7. Press and hold **<FREEZE>** (on the RFC) or **<BLACK OUT>** (on the RFC-XL) until it shows **PASS** (success) or **ErrO** (failure).

RFC Control Options

The RFC-XL can control multiple products at once, whether in defined groups or in public mode. To set the COLORband H9 ILS to public RFC/RFC-XL control or to an RFC-XL group:

1. Press **<MENU>** repeatedly until **SEt** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **RF**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select to control mode, from **PubL** (public mode) or **GP1–4** (group 1–4).
6. Press **<ENTER>**.

RFC Remote Control Operation

RFC	Button	Function
	<BLACK OUT>	Press to turn off all lights until the button is pressed again
	<STROBE>	Press to toggle strobe, then use <+> or <-> to increase or decrease strobe speed
	<DIMMER>	Press then use <+> or <-> to increase or decrease the dimmer
	<AUTO>	Press to activate automatic mode, then use <+> or <-> to select a program
	<SPD/SENS>	Press then use <+> or <-> to increase or decrease speed or sensitivity
	<SOUND>	Press to activate sound-active mode, then use <+> or <-> to select a program
	<->	Press to decrease speed, sensitivity, or the dimmer/color value, or to scroll down the list of programs
	<+>	Press to increase speed, sensitivity, or the dimmer/color value, or to scroll up the list of programs
	<FREEZE>	Press to stop all movement and color chasing
	<R>	In manual mode, press then use <+> or <-> to increase or decrease the red value
	<G>	In manual mode, press then use <+> or <-> to increase or decrease the green value
		In manual mode, press then use <+> or <-> to increase or decrease the blue value
	<A>	In manual mode, press then use <+> or <-> to increase or decrease the amber value
	<W>	In manual mode, press then use <+> or <-> to increase or decrease the UV value
	<UV>	In manual mode, press then use <+> or <-> to increase or decrease the white value
	<FADE/SNAP>	Press to toggle between fade and snap programs
	<MANUAL>	Press to activate manual mode
	<PRESET/COLOR>	Press to activate presets/colors, then use <+> or <-> to select a preset/color
	<PAN>	No function
	<GOBO>	No function
	<FOCUS>	No function
	<TILT>	No function
	<ZOOM>	No function
	<PRISM>	No function



The RFC remote will not respond to any inputs when Freeze or Black Out is activated. If the remote does not respond when a button is pressed, try pressing <FREEZE> or <BLACK OUT>. Freeze or Black Out may have been inadvertently activated.

RFC-XL Remote Control Operation

RFC	Button	Function
	<ON/OFF>	Press to power the RFC-XL on or off
	Color picker	Use to select a color (does not correspond to colors printed on remote)
	<GROUP>	Press to cycle between groups 1–4 and public mode
	<BLACK OUT>	Press to turn off all lights until the button is pressed again
	<AUTO>	Press to activate automatic mode, then use <^> or <v> to select a program
	<FADE>	Press to toggle between fade and snap programs
	<SOUND>	Press to activate sound-active mode, then use <^> or <v> to select a program
	<SPEED/ SENSITIVITY>	Press then use <^> or <v> to increase or decrease speed or sensitivity
	<^>	Press to increase the selected value, or to scroll up the list of options
	<v>	Press to decrease the selected value, or to scroll down the list of options
	<STROBE>	Press to toggle strobe, then use <^> or <v> to increase or decrease strobe speed
	<DIMMER>	Press then use <^> or <v> to increase or decrease the dimmer
	<RED>	In manual mode, press then use <^> or <v> to increase or decrease the red value
	<GREEN>	In manual mode, press then use <^> or <v> to increase or decrease the green value
	<BLUE>	In manual mode, press then use <^> or <v> to increase or decrease the blue value
	<AMBER>	In manual mode, press then use <^> or <v> to increase or decrease the amber value
	<WHITE>	In manual mode, press then use <^> or <v> to increase or decrease the white value
	<UV>	Press then use <^> or <v> to increase or decrease the white value
	<PAN>	No function
	<TILT>	No function
	<COLOR>	Press to activate colors, then use <^> or <v> or the color picker to select a color
	<GOBO>	No function
	<PRISM>	No function
	<FOCUS>	No function
	<ZOOM>	No function
	<GOBO ROTATE>	No function
	<PRISM ROTATE>	No function
	<FREEZE>	Press to stop all movement and color chasing



The RFC-XL remote will not respond to any inputs when Black Out is activated. If the remote does not respond when a button is pressed, try pressing <BLACK OUT>. You may have inadvertently activated Black Out.

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
39.4 in (1000 mm)	2.2 in (56 mm)	6.8 in (172 mm)	7.2 lb (3.3 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	120 V, 60 Hz	230 V, 50 Hz
Consumption	80 W	79 W
Operating current	1.1 A	0.6 A
Power-linking current (products)	12 A (12 products)	12 A (21 products)
Fuse	T1.6L, 250 V	T1.6L, 250 V
Power I/O	U.S./Worldwide	UK/Europe
Power input connector	powerCON® compatible	powerCON® compatible
Power output connector	powerCON® compatible	powerCON® compatible
Power cord plug	Neutrik	Bare wire

Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	Hex-color RGBWA+UV	9	10W	1.09 A	50,000 hours

Photometrics

Strobe Rate	Beam Angle	Field Angle	Illuminance @ 2 m	Lumens
0 to 16 Hz	23°	41°	3,529 lux	2,977

Thermal

Maximum External Temperature	Cooling System
104 °F (40 °C)	Convection

DMX

I/O Connector	Channel Range
3-pin and 5-pin XLR	6, 9, 11, 18, or 23

Ordering

Product Name	Item Code	UPC Number
COLORband H9 ILS	10031950	781462222987



UL 1573
CSA C22.2 No. 166
E113093



RoHS



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.