

COLORband Spectra ILS

User Manual



Edition Notes

The COLORband Spectra ILS User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the COLORband Spectra ILS as of the release date of this edition.

Trademarks

Chauvet, Chauvet DJ, the Chauvet logo, and COLORband are registered trademarks or trademarks of Chauvet & Sons, LLC (d/b/a Chauvet and Chauvet Lighting) in the United States and other countries. Other company and product names and logos referred to herein may be trademarks of their respective companies.

Copyright Notice

The works of authorship contained in this manual, including, but not limited to, all designs, text, and images are owned by Chauvet.

© Copyright 2025 Chauvet & Sons, LLC. All rights reserved.

Electronically published by Chauvet in the United States of America.

Manual Use

Chauvet authorizes its customers to download and print this manual for professional information purposes only. Chauvet expressly prohibits the usage, copy, storage, distribution, modification, or printing of this manual or its content for any other purpose without written consent from Chauvet.

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.

Disclaimer

Chauvet believes that the information contained in this manual is accurate in all respects. However, Chauvet assumes no responsibility and specifically disclaims any and all liability to any party for any loss, damage, or disruption caused by any errors or omissions in this document, whether such errors or omissions result from negligence, accident, or any other cause. Chauvet reserves the right to revise the content of this document without any obligation to notify any person or company of such revision; however, Chauvet has no obligation to make, and does not commit to make, any such revisions.

Document Revision

Go to www.chauvetdj.com for the latest version.

Revision	Date	Description
2	09/2025	Updated beam and field angle specs

TABLE OF CONTENTS

1. Before You Begin	1
What Is Included	1
Unpacking Instructions	1
Claims	1
Text Conventions	1
Symbols	1
Safety Notes	2
RF Exposure Warning for North America and Australia	2
2. Introduction	3
Product Overview	3
Product Dimensions	4
3. Setup	5
AC Power	5
Fuse Replacement	5
Power Linking	6
Mounting	7
Orientation	7
Rigging	7
4. Operation	8
Control Panel Operation	8
Menu Map	8
DMX Configuration	11
Starting Address	11
DMX Personalities	11
D-Fi USB Connectivity	12
D-Fi USB Configuration	12
DMX Channel Assignments and Values	13
DMX Charts	13
Zones for DMX Control (19CH Mode)	16
Standalone Configuration	22
Static Color	22
Custom Color Mixing	22
Tilt	22
Auto Tilt	22
Auto Show	22
Auto Show Speed	22
Sound Show	23
Dimmer Mode	23
DMX Loss	23
Back Light	23
Factory Reset	23
Wired Master/Slave Mode	24
D-Fi USB Master/Slave Mode	24
ILS Mode	25
Settings	25
RFC Remote Control	26
RFC Remote Binding	26
RFC Control Options	26
RFC Remote Control Operation	27
RFC-XL Remote Control Operation	28
5. Maintenance	29
Product Maintenance	29

6. Technical Specifications.....	30
Contact Us.....	31
Warranty & Returns.....	31

1. Before You Begin

What Is Included

- COLORband Spectra ILS
- Power cable
- Omega 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 Spectra 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.
- ◆ Use a clamp with a captive bolt when a single hanging bracket is used.



- 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.
- ◆ Submerge.
- ◆ Leave outdoors for extended periods of time.
- ◆ Expose to corrosive environmental conditions such as temperature, humidity, salinity, pressure, radiation, or shock.
- ◆ Set this product on a flammable surface.



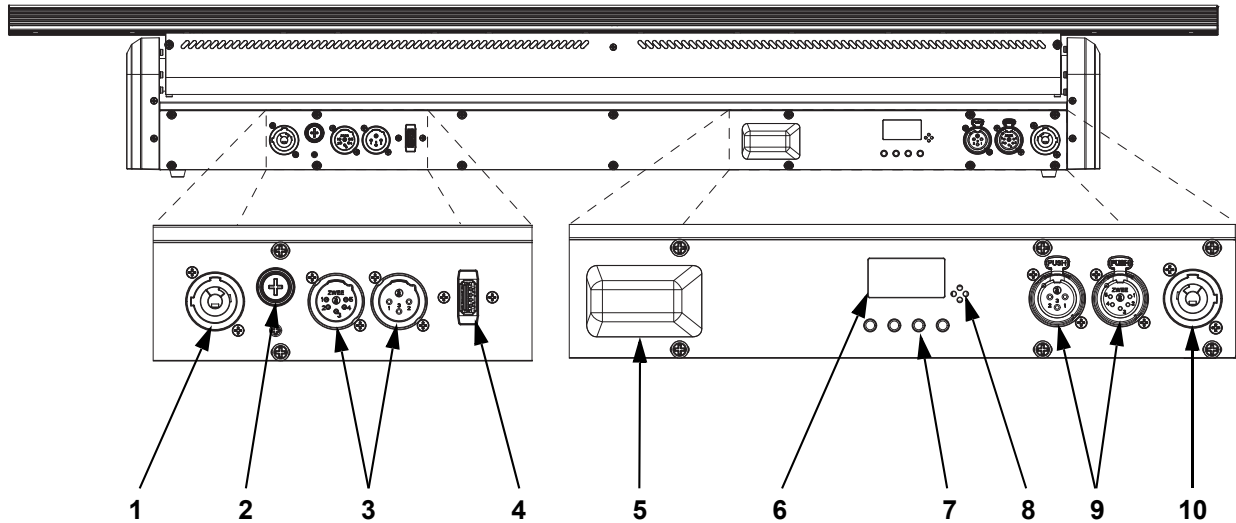
Keep this User Manual for future use. If the product is sold to someone else, be sure that they also receive this document.

RF Exposure Warning for North America and Australia

Warning! This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and the user. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

2. Introduction

Product Overview

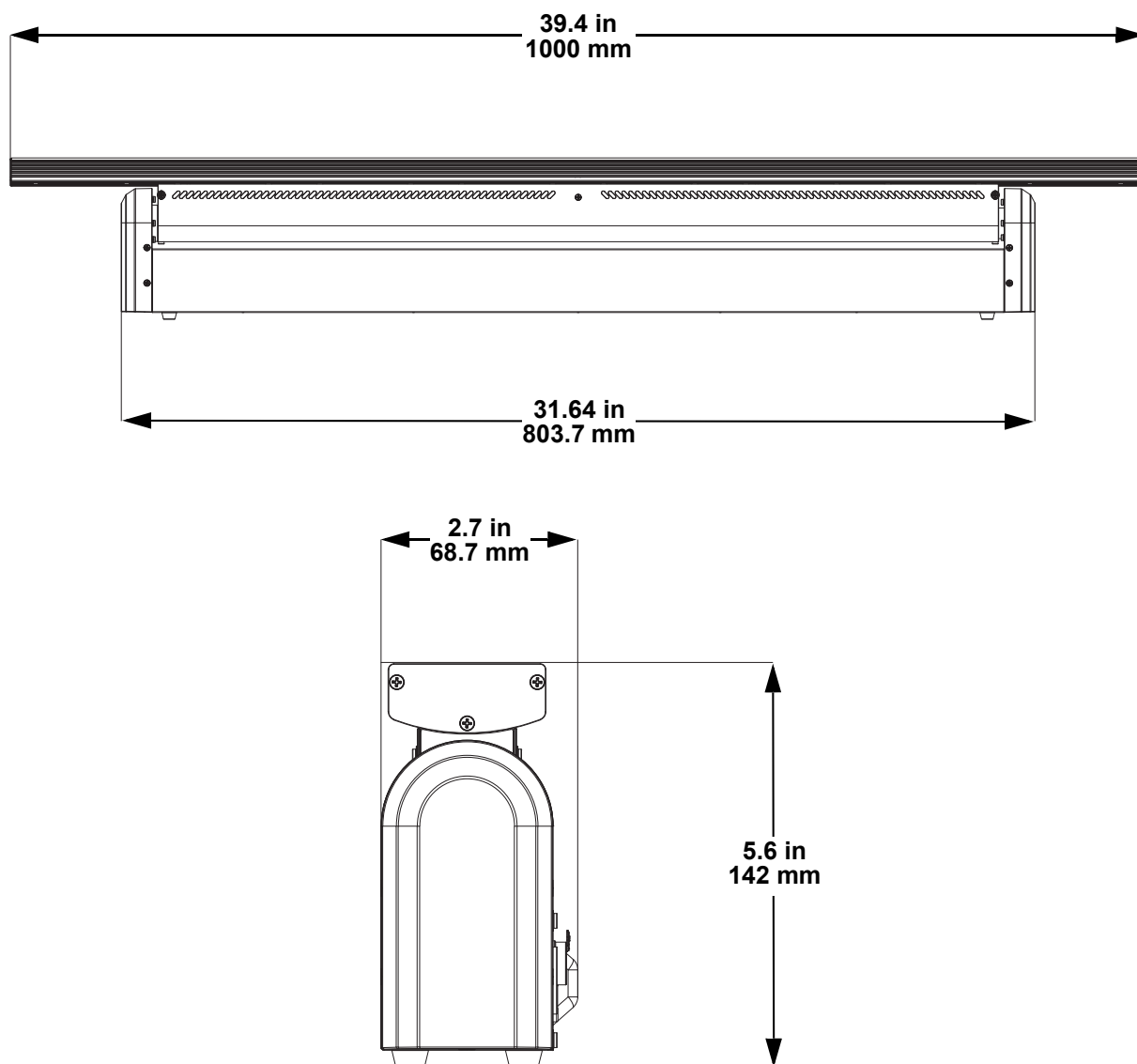


#	Name	#	Name
1	Power in	6	Menu display
2	Fuse holder	7	Menu buttons
3	3-pin/5-pin DMX in	8	Mic
4	USB port	9	3-pin/5-pin DMX out
5	Antenna	10	Power out



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

Product Dimensions



3. Setup

AC Power

The COLORband Spectra 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.

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.

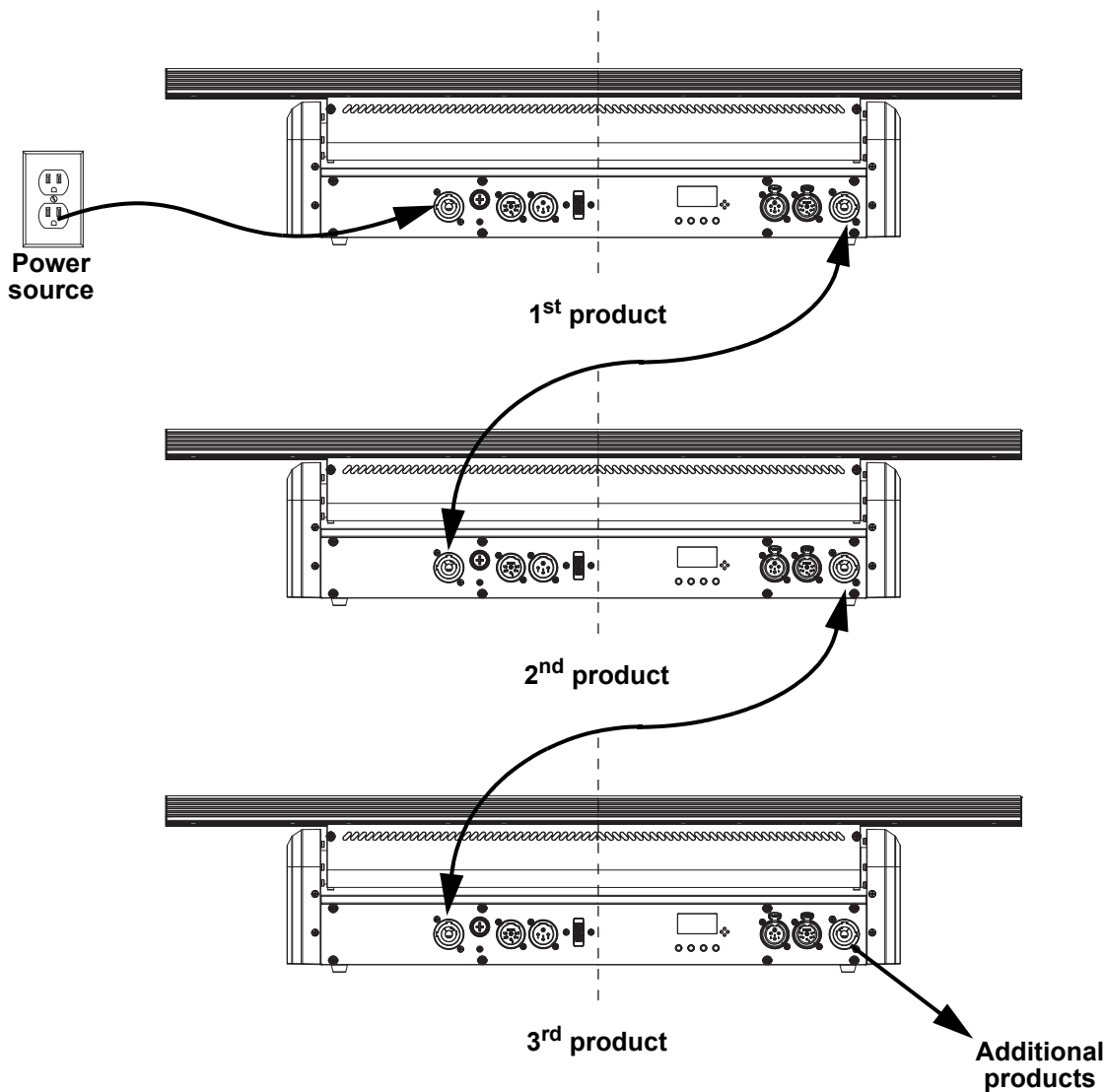


Always replace a blown fuse with one of the same type and rating.

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 9 COLORband Spectra ILS products on 120 VAC or up to 16 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](#).

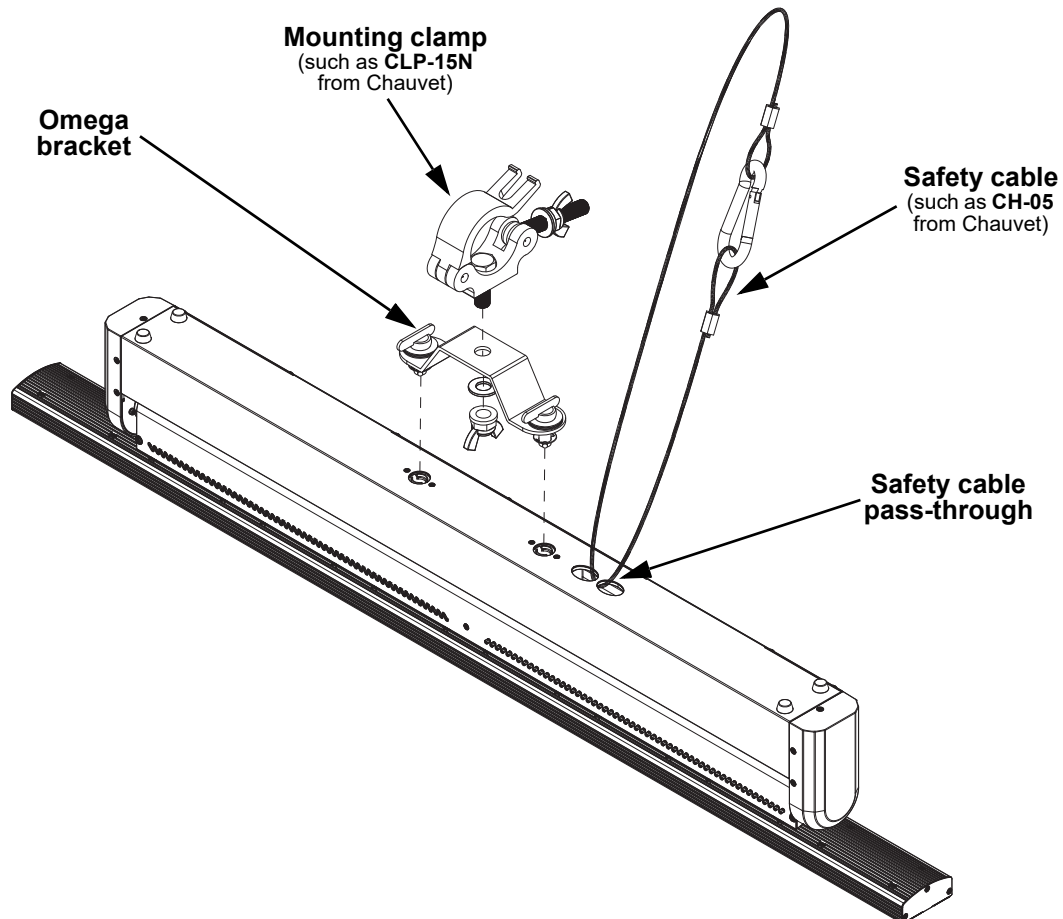
Orientation

The COLORband Spectra 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.
- 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



To prevent accidental loosening when using a single mounting clamp, be sure to use a clamp with a captive bolt.

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>	Press to find an operation mode or to back out of the current menu option
<UP>	Press to scroll up the list of options or to find a higher value
<DOWN>	Press to scroll down the list of options or to find a lower value
<ENTER>	Press to activate a menu option or a selected value

Menu Map

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

Main Menu	Programming Levels		Description	
DMX Address	001–507		Selects DMX starting address	
DMX Personality	6CH		6-channel DMX mode	
	11CH		11-channel DMX mode	
	17CH		17-channel DMX mode	
	19CH		19-channel DMX mode	
	164CH		164-channel DMX mode	
ILS Mode	ILS1		Sets ILS mode	
	ILS2			
Slave	Slave		Sets Slave mode	
Static	Fixed Color	R		Selects preset colors
		G		
		B		
		W		
		RG		
		RB		
		RW		
		GB		
		GW		
		BW		
		RGB		
		RGW		
		RBW		
		GBW		
		RGBW		
		2700K		
		3500K		
		4000K		
		5600K		
		6100K		
	7000K			
	Manual Color Mixer	Red	000–255	Combines red, green, blue, and white to make a custom color (0–100%)
		Green	000–255	
		Blue	000–255	
		White	000–255	

Main Menu	Programming Levels		Description
Tilt	000–050		Sets static tilt position from 0–180°
	050–100		Automatic motorized tilt speed (slow to fast)
Auto Show	Program	001–026	Selects an automatic program
	Speed	001–100	Adjusts the speed of automatic programs
Sound Show	Sound	001–026	Selects a sound-active program
	Sensitivity	001–100	Adjusts sound sensitivity
	P-Style	Single	Sound-active program uses a single color
		Looping	Sound-active program loops through list of available preset colors
		Random	Sound-active program switches randomly between colors
	P-Color	R	Selects a preset color for a sound-active program when P-Style is set to Single
		G	
		B	
		W	
		RG	
		RB	
		RW	
		GB	
		GW	
		BW	
		RGB	
		RGW	
		RBW	
		GBW	
		RGBW	
		2700K	
		3500K	
		4000K	
		5600K	
	6100K		
	7000K		
	Sound Lost	Freeze	Holds last position and color when no sound is detected
		Blackout	Blacks out the unit when no sound is detected
		Show	Defaults to automatic program when no sound is detected
Dimmer Mode	Off		Linear dimmer
	Dimmer Fast		Dimmer speed settings
	Dimmer Medium		
	Dimmer Slow		
RF Remote	RF Mode	Public	Allows the fixture to respond to all RF signals
		Bind	Links the fixture to a single RF remote
		OFF	Turns off RF reception
	RF Binding	FFFF	Turns off RF binding
		****	Ready to pair with RF remote
	RF Group	1–4	Sets which group of fixtures the RFC-XL remote will control

Main Menu	Programming Levels		Description
DMX Loss	HOLD		Holds last setting when DMX signal lost
	BLACK		Blacks out the unit when DMX signal is lost
	SOUND		Sets the unit into Sound mode when DMX signal is lost
	AUTO		Sets the unit into Auto mode when DMX signal is lost
Back Light	10S		Turns off display backlight after 10 seconds of inactivity
	30S		Turns off display backlight after 30 seconds of inactivity
	2Min		Turns off display backlight after 2 minutes of inactivity
	Always On		Display backlight remains on
Settings	Offset	000–255	Sets starting angle (front to back)
	ILS Angle	180	Sets angle limit while in ILS Mode
		135	
		090	
		045	
	ILS Follow	TILT	Sets fixture to follow tilt (up and down) motion of other synced fixtures
		PAN	Sets fixture to follow panning (side to side) motion of other synced fixtures
Information	Version <V1.00>		Displays firmware version
Factory Reset	No		Backs out to Main Menu
	Yes		Resets settings to factory default
Firmware Update	No		Backs out to Main Menu
	Yes		Enable software update through USB

DMX Configuration

The COLORband Spectra 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.

Starting Address

The COLORband Spectra ILS uses up to 164 DMX channels, which defines the highest recommended address to **349**.

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.

For information about the DMX protocol, download the DMX Primer from www.chauvetdj.com.

To select the starting address, do the following:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **DMX Address**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select the starting address, from **001–507**.
5. Press **<ENTER>**.

DMX Personalities

The COLORband Spectra ILS has 5 DMX personalities: 6CH, 11CH, 17CH, 19CH, and 164CH.

To select which DMX personality to use, follow the steps below:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **DMX Personality**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **6CH, 11CH, 17CH, 19CH, or 164CH**.
5. Press **<ENTER>**.

D-Fi USB Connectivity

The COLORband Spectra 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 Configuration

1. Set the DMX Personality and DMX address on the COLORband Spectra 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

DMX Charts

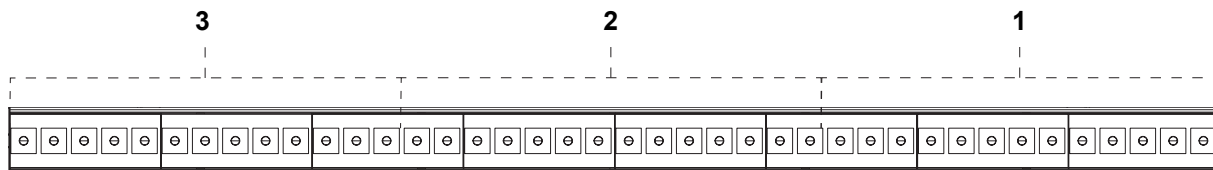
164CH	Function	Value	Percent/Setting
1	Red 1	000 ⇔ 255	0–100%
2	Green 1	000 ⇔ 255	0–100%
3	Blue 1	000 ⇔ 255	0–100%
4	White 1	000 ⇔ 255	0–100%
5	Red 2	000 ⇔ 255	0–100%
6	Green 2	000 ⇔ 255	0–100%
7	Blue 2	000 ⇔ 255	0–100%
8	White 2	000 ⇔ 255	0–100%
9	Red 3	000 ⇔ 255	0–100%
10	Green 3	000 ⇔ 255	0–100%
11	Blue 3	000 ⇔ 255	0–100%
12	White 3	000 ⇔ 255	0–100%
13	Red 4	000 ⇔ 255	0–100%
14	Green 4	000 ⇔ 255	0–100%
15	Blue 4	000 ⇔ 255	0–100%
16	White 4	000 ⇔ 255	0–100%
17	Red 5	000 ⇔ 255	0–100%
18	Green 5	000 ⇔ 255	0–100%
19	Blue 5	000 ⇔ 255	0–100%
20	White 5	000 ⇔ 255	0–100%
21	Red 6	000 ⇔ 255	0–100%
22	Green 6	000 ⇔ 255	0–100%
23	Blue 6	000 ⇔ 255	0–100%
24	White 6	000 ⇔ 255	0–100%
25	Red 7	000 ⇔ 255	0–100%
26	Green 7	000 ⇔ 255	0–100%
27	Blue 7	000 ⇔ 255	0–100%
28	White 7	000 ⇔ 255	0–100%
29	Red 8	000 ⇔ 255	0–100%
30	Green 8	000 ⇔ 255	0–100%
31	Blue 8	000 ⇔ 255	0–100%
32	White 8	000 ⇔ 255	0–100%
33	Red 9	000 ⇔ 255	0–100%
34	Green 9	000 ⇔ 255	0–100%
35	Blue 9	000 ⇔ 255	0–100%
36	White 9	000 ⇔ 255	0–100%
37	Red 10	000 ⇔ 255	0–100%
38	Green 10	000 ⇔ 255	0–100%
39	Blue 10	000 ⇔ 255	0–100%
40	White 10	000 ⇔ 255	0–100%
41	Red 11	000 ⇔ 255	0–100%
42	Green 11	000 ⇔ 255	0–100%
43	Blue 11	000 ⇔ 255	0–100%
44	White 11	000 ⇔ 255	0–100%

164CH	Function	Value	Percent/Setting
45	Red 12	000 ⇄ 255	0–100%
46	Green 12	000 ⇄ 255	0–100%
47	Blue 12	000 ⇄ 255	0–100%
48	White 12	000 ⇄ 255	0–100%
49	Red 13	000 ⇄ 255	0–100%
50	Green 13	000 ⇄ 255	0–100%
51	Blue 13	000 ⇄ 255	0–100%
52	White 13	000 ⇄ 255	0–100%
53	Red 14	000 ⇄ 255	0–100%
54	Green 14	000 ⇄ 255	0–100%
55	Blue 14	000 ⇄ 255	0–100%
56	White 14	000 ⇄ 255	0–100%
57	Red 15	000 ⇄ 255	0–100%
58	Green 15	000 ⇄ 255	0–100%
59	Blue 15	000 ⇄ 255	0–100%
60	White 15	000 ⇄ 255	0–100%
61	Red 16	000 ⇄ 255	0–100%
62	Green 16	000 ⇄ 255	0–100%
63	Blue 16	000 ⇄ 255	0–100%
64	White 16	000 ⇄ 255	0–100%
65	Red 17	000 ⇄ 255	0–100%
66	Green 17	000 ⇄ 255	0–100%
67	Blue 17	000 ⇄ 255	0–100%
68	White 17	000 ⇄ 255	0–100%
69	Red 18	000 ⇄ 255	0–100%
70	Green 18	000 ⇄ 255	0–100%
71	Blue 18	000 ⇄ 255	0–100%
72	White 18	000 ⇄ 255	0–100%
73	Red 19	000 ⇄ 255	0–100%
74	Green 19	000 ⇄ 255	0–100%
75	Blue 19	000 ⇄ 255	0–100%
76	White 19	000 ⇄ 255	0–100%
77	Red 20	000 ⇄ 255	0–100%
78	Green 20	000 ⇄ 255	0–100%
79	Blue 20	000 ⇄ 255	0–100%
80	White 20	000 ⇄ 255	0–100%
81	Red 21	000 ⇄ 255	0–100%
82	Green 21	000 ⇄ 255	0–100%
83	Blue 21	000 ⇄ 255	0–100%
84	White 21	000 ⇄ 255	0–100%
85	Red 22	000 ⇄ 255	0–100%
86	Green 22	000 ⇄ 255	0–100%
87	Blue 22	000 ⇄ 255	0–100%
88	White 22	000 ⇄ 255	0–100%
89	Red 23	000 ⇄ 255	0–100%
90	Green 23	000 ⇄ 255	0–100%
91	Blue 23	000 ⇄ 255	0–100%

164CH	Function	Value	Percent/Setting
92	White 23	000 ⇄ 255	0–100%
93	Red 24	000 ⇄ 255	0–100%
94	Green 24	000 ⇄ 255	0–100%
95	Blue 24	000 ⇄ 255	0–100%
96	White 24	000 ⇄ 255	0–100%
97	Red 25	000 ⇄ 255	0–100%
98	Green 25	000 ⇄ 255	0–100%
99	Blue 25	000 ⇄ 255	0–100%
100	White 25	000 ⇄ 255	0–100%
101	Red 26	000 ⇄ 255	0–100%
102	Green 26	000 ⇄ 255	0–100%
103	Blue 26	000 ⇄ 255	0–100%
104	White 26	000 ⇄ 255	0–100%
105	Red 27	000 ⇄ 255	0–100%
106	Green 27	000 ⇄ 255	0–100%
107	Blue 27	000 ⇄ 255	0–100%
108	White 27	000 ⇄ 255	0–100%
109	Red 28	000 ⇄ 255	0–100%
110	Green 28	000 ⇄ 255	0–100%
111	Blue 28	000 ⇄ 255	0–100%
112	White 28	000 ⇄ 255	0–100%
113	Red 29	000 ⇄ 255	0–100%
114	Green 29	000 ⇄ 255	0–100%
115	Blue 29	000 ⇄ 255	0–100%
116	White 29	000 ⇄ 255	0–100%
117	Red 30	000 ⇄ 255	0–100%
118	Green 30	000 ⇄ 255	0–100%
119	Blue 30	000 ⇄ 255	0–100%
120	White 30	000 ⇄ 255	0–100%
121	Red 31	000 ⇄ 255	0–100%
122	Green 31	000 ⇄ 255	0–100%
123	Blue 31	000 ⇄ 255	0–100%
124	White 31	000 ⇄ 255	0–100%
125	Red 32	000 ⇄ 255	0–100%
126	Green 32	000 ⇄ 255	0–100%
127	Blue 32	000 ⇄ 255	0–100%
128	White 32	000 ⇄ 255	0–100%
129	Red 33	000 ⇄ 255	0–100%
130	Green 33	000 ⇄ 255	0–100%
131	Blue 33	000 ⇄ 255	0–100%
132	White 33	000 ⇄ 255	0–100%
133	Red 34	000 ⇄ 255	0–100%
134	Green 34	000 ⇄ 255	0–100%
135	Blue 34	000 ⇄ 255	0–100%
136	White 34	000 ⇄ 255	0–100%
137	Red 35	000 ⇄ 255	0–100%
138	Green 35	000 ⇄ 255	0–100%

164CH	Function	Value	Percent/Setting
139	Blue 35	000 ⇄ 255	0–100%
140	White 35	000 ⇄ 255	0–100%
141	Red 36	000 ⇄ 255	0–100%
142	Green 36	000 ⇄ 255	0–100%
143	Blue 36	000 ⇄ 255	0–100%
144	White 36	000 ⇄ 255	0–100%
145	Red 37	000 ⇄ 255	0–100%
146	Green 37	000 ⇄ 255	0–100%
147	Blue 37	000 ⇄ 255	0–100%
148	White 37	000 ⇄ 255	0–100%
149	Red 38	000 ⇄ 255	0–100%
150	Green 38	000 ⇄ 255	0–100%
151	Blue 38	000 ⇄ 255	0–100%
152	White 38	000 ⇄ 255	0–100%
153	Red 39	000 ⇄ 255	0–100%
154	Green 39	000 ⇄ 255	0–100%
155	Blue 39	000 ⇄ 255	0–100%
156	White 39	000 ⇄ 255	0–100%
157	Red 40	000 ⇄ 255	0–100%
158	Green 40	000 ⇄ 255	0–100%
159	Blue 40	000 ⇄ 255	0–100%
160	White 40	000 ⇄ 255	0–100%
161	Strobe	000 ⇄ 010	No function
		011 ⇄ 255	Strobe, slow to fast
162	Dimmer	000 ⇄ 255	0–100%
163	Tilt	000 ⇄ 255	0–180°
164	Tilt Speed	000 ⇄ 255	Tilt speed (fast to slow)

Zones for DMX Control (19CH Mode)



19CH	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Red (Zone 1)	000 ⇄ 255	0–100%
3	Green (Zone 1)	000 ⇄ 255	0–100%
4	Blue (Zone 1)	000 ⇄ 255	0–100%
5	White (Zone 1)	000 ⇄ 255	0–100%
6	Red (Zone 2)	000 ⇄ 255	0–100%
7	Green (Zone 2)	000 ⇄ 255	0–100%
8	Blue (Zone 2)	000 ⇄ 255	0–100%
9	White (Zone 2)	000 ⇄ 255	0–100%
10	Red (Zone 3)	000 ⇄ 255	0–100%

19CH	Function	Value	Percent/Setting
11	Green (Zone 3)	000 ⇔ 255	0–100%
12	Blue (Zone 3)	000 ⇔ 255	0–100%
13	White (Zone 3)	000 ⇔ 255	0–100%
14	Color Macros	000 ⇔ 010	No function
		011 ⇔ 030	R: 100% G: 0–100% B: 0% W: 0%
		031 ⇔ 050	R: 100–0% G: 100% B: 0% W: 0%
		051 ⇔ 070	R: 0% G: 100% B: 0–100% W: 0%
		071 ⇔ 090	R: 0% G: 100–0% B: 100% W: 0–100%
		091 ⇔ 110	R: 0–100% G: 0% B: 100% W: 100–0%
		111 ⇔ 130	R: 100% G: 0% B: 100–0% W: 0%
		131 ⇔ 150	R: 100% G: 0–100% B: 0–100% W: 0%
		151 ⇔ 170	R: 100–0% G: 100–0% B: 100% W: 0–100%
		171 ⇔ 200	R: 100% G: 100% B: 100% W: 100%
		201 ⇔ 205	Color 1
		206 ⇔ 210	Color 2
		211 ⇔ 215	Color 3
		216 ⇔ 220	Color 4
		221 ⇔ 225	Color 5
		226 ⇔ 230	Color 6
		231 ⇔ 235	Color 7
		236 ⇔ 240	Color 8
		241 ⇔ 245	Color 9
		246 ⇔ 250	Color 10
		251 ⇔ 255	Color 11
15	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast

19CH	Function	Value	Percent/Setting
16	Auto Programs	000 ⇔ 010	No function
		011 ⇔ 019	Auto program 1
		020 ⇔ 028	Auto program 2
		029 ⇔ 037	Auto program 3
		038 ⇔ 046	Auto program 4
		047 ⇔ 055	Auto program 5
		056 ⇔ 064	Auto program 6
		065 ⇔ 073	Auto program 7
		074 ⇔ 082	Auto program 8
		083 ⇔ 091	Auto program 9
		092 ⇔ 100	Auto program 10
		101 ⇔ 109	Auto program 11
		110 ⇔ 118	Auto program 12
		119 ⇔ 127	Auto program 13
		128 ⇔ 136	Auto program 14
		137 ⇔ 145	Auto program 15
		146 ⇔ 154	Auto program 16
		155 ⇔ 163	Auto program 17
		164 ⇔ 172	Auto program 18
		173 ⇔ 181	Auto program 19
16 (cont.)	Auto Programs	182 ⇔ 190	Auto program 20
		191 ⇔ 199	Auto program 21
		200 ⇔ 208	Auto program 22
		209 ⇔ 217	Auto program 23
17	Auto Speed (when CH16 is 011–235) Sound Sensitivity (when CH16 is 236–255)	218 ⇔ 226	Auto program 24
		227 ⇔ 255	Sound program
		000 ⇔ 255	Auto speed, slow to fast
18	Tilt	000 ⇔ 010	Sound sensitivity off
		011 ⇔ 255	Sound sensitivity, low to high
19	Tilt Speed	000 ⇔ 255	0–180°
			Tilt speed (fast to slow)

17CH	11CH	Function	Value	Percent/Setting
1	1	Dimmer	000 ⇔ 255	0–100%
2	2	Red	000 ⇔ 255	0–100%
3	3	Green	000 ⇔ 255	0–100%
4	4	Blue	000 ⇔ 255	0–100%
5	5	White	000 ⇔ 255	0–100%
–	6	Color Macros	000 ⇔ 010	No function
			011 ⇔ 030	R: 100% G: 0–100% B: 0% W: 0%
			031 ⇔ 050	R: 100–0% G: 100% B: 0% W: 0%
			051 ⇔ 070	R: 0% G: 100% B: 0–100% W: 0%
			071 ⇔ 090	R: 0% G: 100–0% B: 100% W: 0–100%
			091 ⇔ 110	R: 0–100% G: 0% B: 100% W: 100–0%
			111 ⇔ 130	R: 100% G: 0% B: 100–0% W: 0%
			131 ⇔ 150	R: 100% G: 0–100% B: 0–100% W: 0%
			151 ⇔ 170	R: 100–0% G: 100–0% B: 100% W: 0–100%
			171 ⇔ 200	R: 100% G: 100% B: 100% W: 100%
			201 ⇔ 205	Color 1
			206 ⇔ 210	Color 2
			211 ⇔ 215	Color 3
			216 ⇔ 220	Color 4
			221 ⇔ 225	Color 5
			226 ⇔ 230	Color 6
			231 ⇔ 235	Color 7
			236 ⇔ 240	Color 8
			241 ⇔ 245	Color 9
			246 ⇔ 250	Color 10
			251 ⇔ 255	Color 11
6	–	Color Temperature	000 ⇔ 005	No function
			006 ⇔ 255	2700K–8000K
7	7	Strobe	000 ⇔ 010	No function
			011 ⇔ 255	Strobe, slow to fast
8	8	Auto Programs	000 ⇔ 010	No function
			011 ⇔ 019	Auto program 1
			020 ⇔ 028	Auto program 2
			029 ⇔ 037	Auto program 3
			038 ⇔ 046	Auto program 4
			047 ⇔ 055	Auto program 5
			056 ⇔ 064	Auto program 6
			065 ⇔ 073	Auto program 7
			074 ⇔ 082	Auto program 8
			083 ⇔ 091	Auto program 9
			092 ⇔ 100	Auto program 10
			101 ⇔ 109	Auto program 11
			110 ⇔ 118	Auto program 12
			119 ⇔ 127	Auto program 13
			128 ⇔ 136	Auto program 14
			137 ⇔ 145	Auto program 15
			146 ⇔ 154	Auto program 16

17CH	11CH	Function	Value	Percent/Setting
8 (cont.)	8 (cont.)	Auto Programs	155 ⇔ 163	Auto program 17
			164 ⇔ 172	Auto program 18
			173 ⇔ 181	Auto program 19
			182 ⇔ 190	Auto program 20
			191 ⇔ 199	Auto program 21
			200 ⇔ 208	Auto program 22
			209 ⇔ 217	Auto program 23
			218 ⇔ 226	Auto program 24
			227 ⇔ 255	Sound program
9	9	Auto Speed (when CH8 is 011–250)	000 ⇔ 255	Auto speed, slow to fast
		Sound Sensitivity (when CH8 is 251–255)	000 ⇔ 010	Sound sensitivity off
			011 ⇔ 255	Sound sensitivity, low to high
10	–	Foreground Color Dimmer (when CH8 is 011–255)	000 ⇔ 255	Auto program foreground color dimmer 0–100%
11	–	Foreground Color (when CH8 is 011–255)	000 ⇔ 013	Red
			014 ⇔ 027	Green
			028 ⇔ 041	Blue
			042 ⇔ 055	White
			056 ⇔ 069	Green + Blue
			070 ⇔ 083	Red + Blue
			084 ⇔ 097	Red + Green
11 (cont.)	–	Foreground Color (when CH8 is 011–255)	098 ⇔ 111	Red + Green + Blue
			112 ⇔ 125	Red + White
			126 ⇔ 139	Green + White
			140 ⇔ 153	Blue + White
			154 ⇔ 167	Red + Green+ White
			168 ⇔ 181	Red + Blue + White
			182 ⇔ 195	Green + Blue + White
			196 ⇔ 209	Red + Green + Blue + White
			210 ⇔ 223	2800K
			224 ⇔ 237	7000K
12	–	Background Color Dimmer (when CH8 is 011–255)	238 ⇔ 255	Auto
			000 ⇔ 255	Auto program background color dimmer 0–100%
13	–	Background Color (when CH8 is 011–255)	000 ⇔ 013	Red
			014 ⇔ 027	Green
			028 ⇔ 041	Blue
			042 ⇔ 055	White
			056 ⇔ 069	Green + Blue
			070 ⇔ 083	Red + Blue
			084 ⇔ 097	Red + Green
			098 ⇔ 111	Red + Green + Blue
			112 ⇔ 125	Red + White
			126 ⇔ 139	Green + White
			140 ⇔ 153	Blue + White
			154 ⇔ 167	Red + Green+ White

Operation

17CH	11CH	Function	Value	Percent/Setting
13 (cont.)	–	Background Color (when CH8 is 011–255)	168 ⇔ 181	Red + Blue + White
			182 ⇔ 195	Green + Blue + White
			196 ⇔ 209	Red + Green + Blue + White
			210 ⇔ 223	2800K
			224 ⇔ 237	7000K
			238 ⇔ 255	Auto
14	–	Dimmer Speed Mode	000 ⇔ 101	No function
			102 ⇔ 152	Dimmer fast
			153 ⇔ 203	Dimmer medium
			204 ⇔ 255	Dimmer slow
15	–	Auto Delay	000 ⇔ 255	0–100%
16	10	Tilt	000 ⇔ 255	0–180°
17	11	Tilt Speed	000 ⇔ 255	Tilt speed (fast to slow)
6CH	Function		Value	Percent/Setting
1	Red		000 ⇔ 255	0–100%
2	Green		000 ⇔ 255	0–100%
3	Blue		000 ⇔ 255	0–100%
4	White		000 ⇔ 255	0–100%
5	Tilt		000 ⇔ 255	0–180°
6	Tilt Speed		000 ⇔ 255	Tilt speed (fast to 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 Spectra ILS with a fixed static color:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Static**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select the desired preset color.
5. Press **<ENTER>**.

Custom Color Mixing

To run the COLORband Spectra ILS with a custom static color:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Static**.
3. Use **<UP>** or **<DOWN>** to cycle through the options: **Red**, **Green**, **Blue**, or **White**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to increase or decrease the selected value from **000–255**.
6. Press **<ENTER>**.
7. Repeat steps 3-4 until the product output is set as desired.

Tilt

To set a static tilt angle on the COLORband Spectra ILS:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Tilt**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to increase or decrease the value from **000–050** to set a static tilt angle between 0 and 180°.
5. Press **<ENTER>**.

Auto Tilt

To set the COLORband Spectra ILS to automatically oscillate back and forth:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Tilt**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to increase or decrease the value from **050–100** to select a speed (slow to fast).
5. Press **<ENTER>**.

Auto Show

To run the COLORband Spectra ILS with an automatic program:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Auto Show**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Program**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select an auto show, from **001–025**.
7. Press **<ENTER>**.

Auto Show Speed

To adjust the speed of an automatic program on the COLORband Spectra ILS:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Auto Show**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Speed**.
5. Press **<ENTER>**.

6. Use **<UP>** or **<DOWN>** to select an auto show, from **001–100**.
7. Press **<ENTER>**.

Sound Show

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

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Sound Show**.
3. Press **<ENTER>**.
4. Press **<ENTER>** to select **Sensitivity**.
5. Use **<UP>** or **<DOWN>** to increase or decrease the sound sensitivity, from **000–030**.



The product will only respond to low frequencies of music (bass and drums).

Dimmer Mode

To set the dimmer speed of the COLORband Spectra ILS:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Dimmer**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **OFF**, **Dimmer Fast**, **Dimmer Medium**, or **Dimmer Slow**.
5. Press **<ENTER>**.

DMX Loss

To select how COLORband Spectra ILS responds if DMX connection is lost:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **DMX Loss**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **HOLD**, **BLACK** (Blackout), **SOUND** (Sound-active Program), or **AUTO** (Auto Program).
5. Press **<ENTER>**.

Back Light

To set how long the display back light on the COLORband Spectra ILS remains on after periods of inactivity:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Back Light**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **10S**, **30S**, **2Min**, or **Always On**.
5. Press **<ENTER>**.

Factory Reset

To reset the COLORband Spectra ILS to factory settings:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Factory Reset**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **No** (cancel) or **Yes** (reset).
5. Press **<ENTER>**.

Wired Master/Slave Mode

The Master/Slave mode allows a single COLORband Spectra ILS product (the “master”) to control the actions of one or more COLORband Spectra ILS products (the “slaves”) without the need of a DMX controller. The master product will be set to operate in standalone mode, 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>.
2. Use <UP> or <DOWN> to select **Slave**.
3. Press <ENTER>.
4. Press <ENTER> to select **Slave**.
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.
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 Spectra ILS product (the “master”) to control the actions of one or more COLORband Spectra 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>.
2. Use <UP> or <DOWN> to select **Slave**.
3. Press <ENTER>.
4. Press <ENTER> to select **Slave**.
5. Plug in the D-Fi USB.
6. Set all D-Fi USB to receive on a specific channel, 1–16.
7. Finish setting and connecting all the slave products.

Master product:

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



- **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 2 modes that synchronize with the GigBAR MOVE+ILS: Mode 1 synchronizes with side 1 of the GigBAR MOVE+ILS and mode 2 synchronizes 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 Pan or Tilt effects on the selected side of the GigBAR MOVE+ILS, as well as the strobes.

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

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **ILS Mode**.
3. Use **<UP>** or **<DOWN>** to select either **ILS1** (side 1) or **ILS2** (side 2).
4. Press **<ENTER>**.

Settings

The COLORband Spectra ILS allows the user to restrict the range of motion to a specific set angle, select a starting angle, and control which motion the fixture will follow while in ILS Mode.

Offset

To set the starting angle for the COLORband Spectra ILS:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Settings**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Offset**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to increase or decrease the value from **000–255** to set the desired starting point for the fixture from 0–180°.
7. Press **<ENTER>**.

ILS Angle

To set a specific range of motion for the COLORband Spectra ILS:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Settings**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **ILS Angle**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **45°, 90°, 135°, or 180°**.
7. Press **<ENTER>**.

ILS Follow

To select which motion the COLORband Spectra ILS will follow:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Settings**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **ILS Follow**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Pan** (follows side-to-side motion) or **Tilt** (follows up-and-down motion).
7. Press **<ENTER>**.

RFC Remote Control

The COLORband Spectra 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 Spectra ILS to an RFC/RFC-XL:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **RF Remote**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **RF Mode**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Bind**.
7. Press **<ENTER>**.
8. Use **<UP>** or **<DOWN>** to select **RF Binding**.
9. Press **<ENTER>**.
10. Press and hold **<BLACK OUT>** on the RFC/RFC-XL until it blinks to link the fixture to that RF remote.

RFC Control Options

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

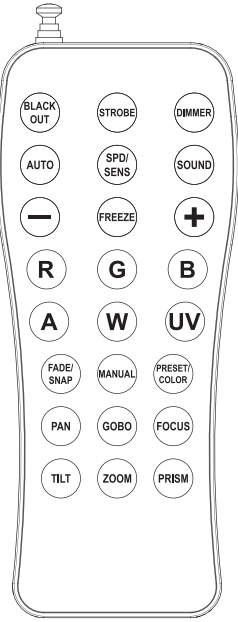
Public

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **RF Remote**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **RF Mode**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Public**.
7. Press **<ENTER>**.

RF Group

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **RF Remote**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **RF Group**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select group **1, 2, 3, or 4**.
7. Press **<ENTER>**.

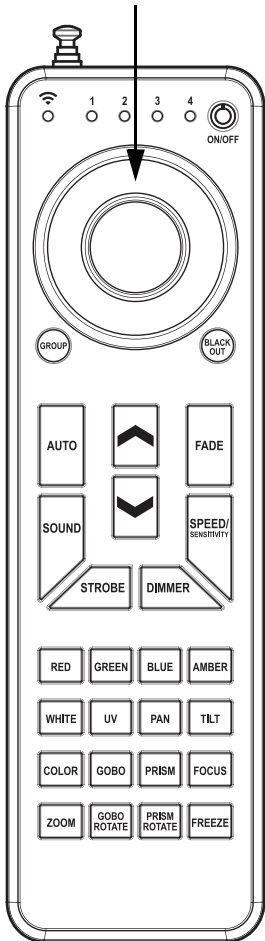
RFC Remote Control Operation

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
	<W>	In manual mode, press then use <+> or <-> to increase or decrease the UV value
	<MANUAL>	Press to activate manual mode
	<PRESET/ COLOR>	Press to activate presets/colors, then use <+> or <-> to select a preset/color
	<TILT>	In manual mode, press then use <+> or <-> to increase or decrease the tilt value



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
	<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
	<WHITE>	In manual mode, press then use <^> or <v> to increase or decrease the white value
	<TILT>	Press then use <^> or <v> to increase or decrease the tilt value
	<COLOR>	Press to activate colors, then use <^> or <v> or the color picker to select a color
	<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)	2.7 in (68.7 mm)	5.6 in (142 mm)	10 lb (4.6 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	86 W	72 W
Operating Current	1.3 A	0.8 A
Power linking current	12 A (9 products)	12 A (16 products)
Fuse	2.5 A, 250V	2.5 A, 250V

Power I/O	U.S./Worldwide	UK/Europe
Power input connector	powerCON-compatible	powerCON-compatible
Power output connector	powerCON-compatible	powerCON-compatible
Power cable plug	Edison (U.S.)	Local Plug

Light Source

Type	Color	Quantity	Current	Lifespan
LED	quad-color RGB+WW	40	0.7 A	50,000 hours

Photometrics

Beam Angle	Beam Angle (diffuser)	Field Angle	Field Angle (diffuser)
15°	17°	26°	32°

Strobe	Illuminance @ 2m	Lumens	Color Temperature Range
0 to 20 Hz	3,872 lux	1,938	3,000K–14,000K

Thermal

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

DMX

I/O Connector	Channel Range
3-pin or 5-pin XLR	6, 11, 17, 19, 164

Ordering

Product Name	Item Code	UPC Number
COLORband Spectra ILS	10032683	781462230319



UL 1573
CSA C22.2 No. 166
E113093



RoHS



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.