CORE 5x1 ILS

User Manual

CHAUVET DJ

Edition Notes

The CORE 5X1 ILS User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the CORE 5X1 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	12/2025	Updated DMX charts

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1. Before You Begin

What Is Included

- CORE 5X1 ILS
- Power cable
- 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 CORE 5X1 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.
  - Submerge.

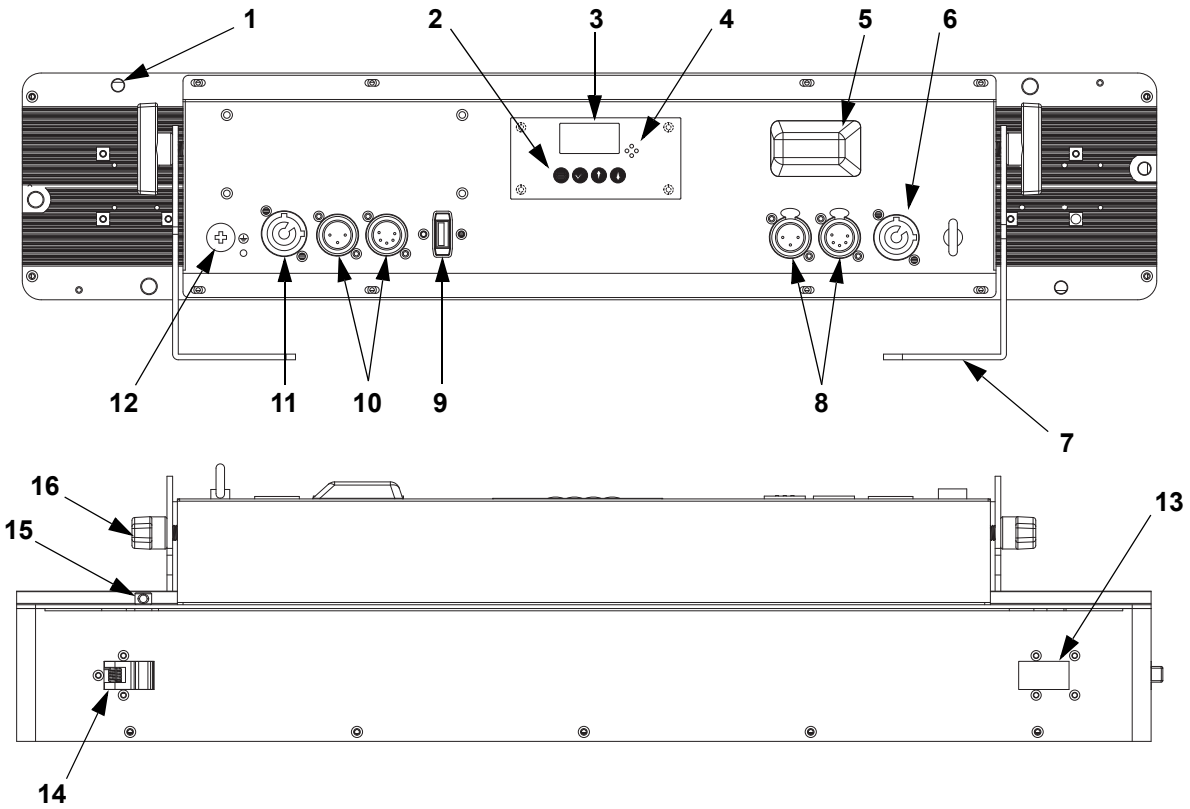
Keep this User Manual for future use. If the product is sold to someone else, be sure that they also receive this document.

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

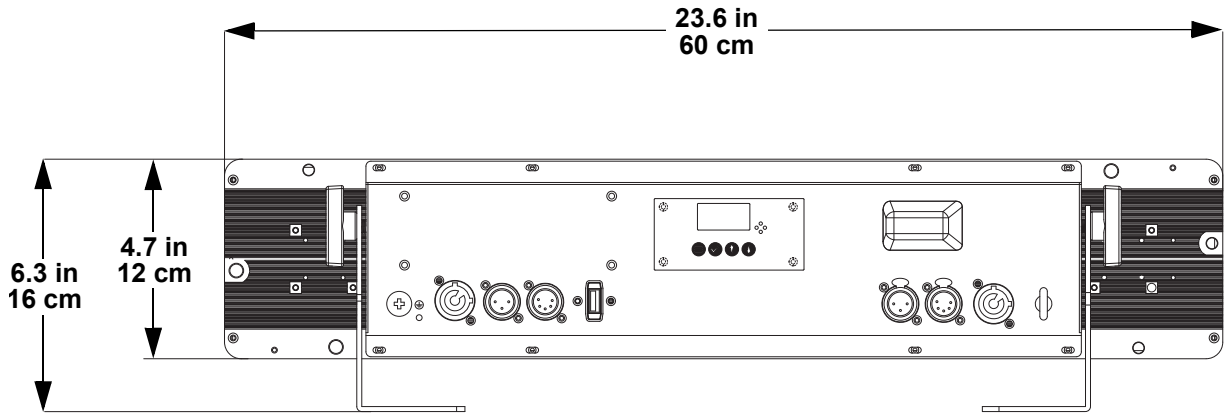
Product Overview

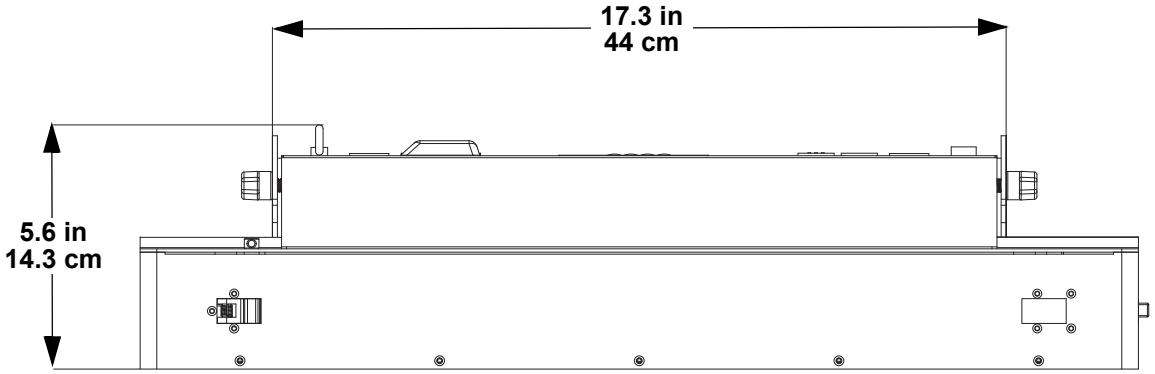


#	Name	#	Name
1	Locking pin hole (x6)	9	USB port
2	Menu buttons	10	DMX in (3-pin and 5-pin)
3	Menu display	11	Power in
4	Mic	12	Fuse holder
5	Antenna	13	Connecting hardware (female)
6	Power out	14	Connecting hardware (male)
7	Hanging brackets (x2)	15	Locking pins (x3)
8	DMX out (3-pin and 5-pin)	16	Bracket adjustment knobs (x2)

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 CORE 5X1 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.

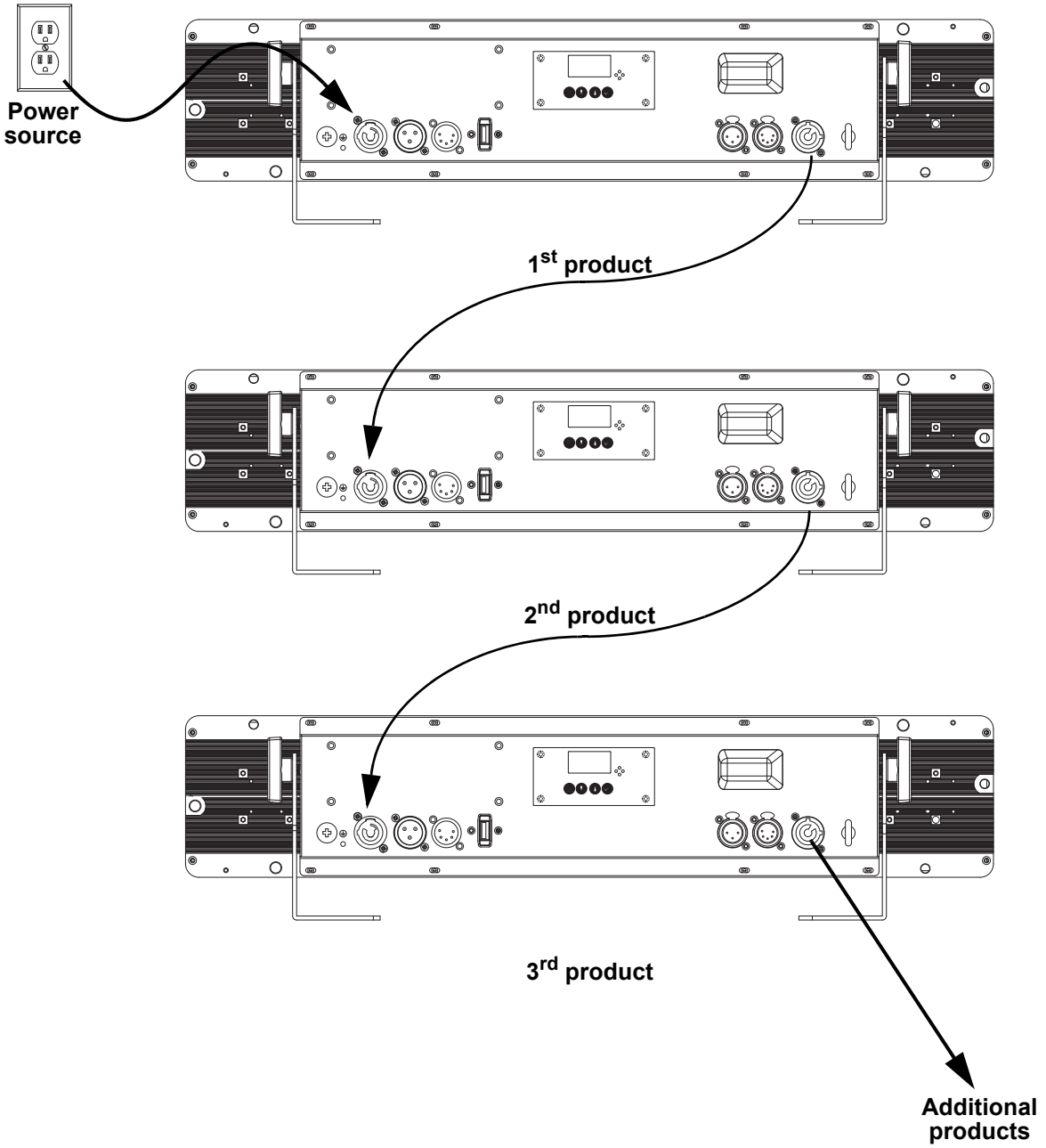
Disconnect the product from the power outlet before replacing the fuse.

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 6 CORE 5X1 ILS products on 120 VAC or up to 10 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.

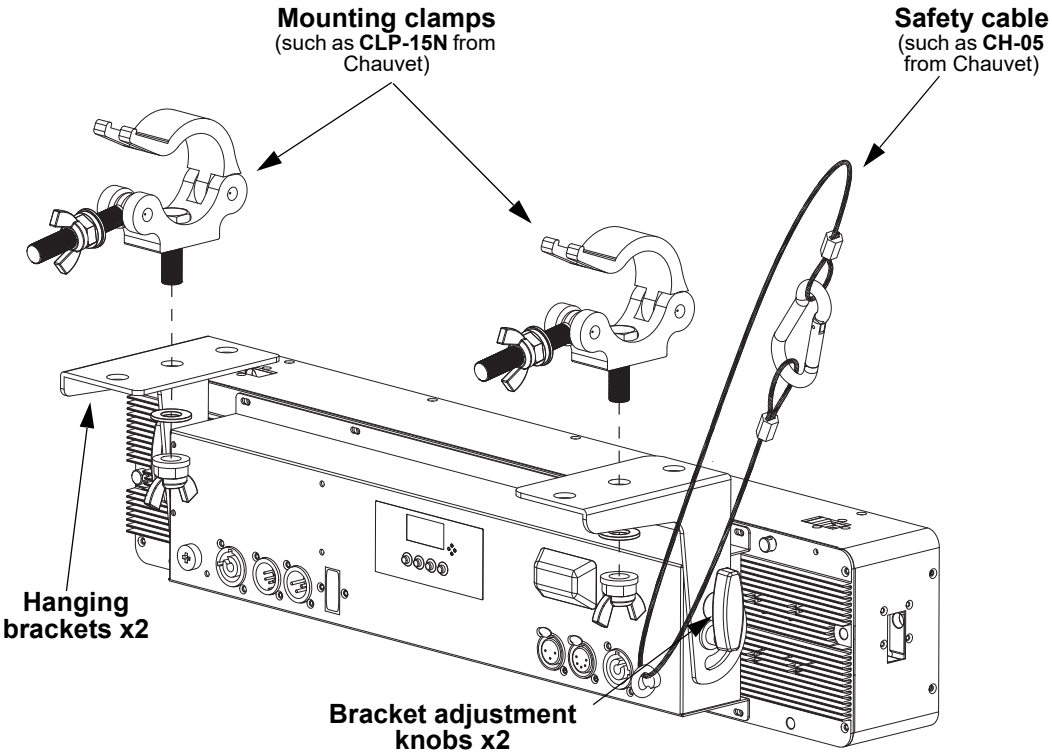
Orientation

The CORE 5X1 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.

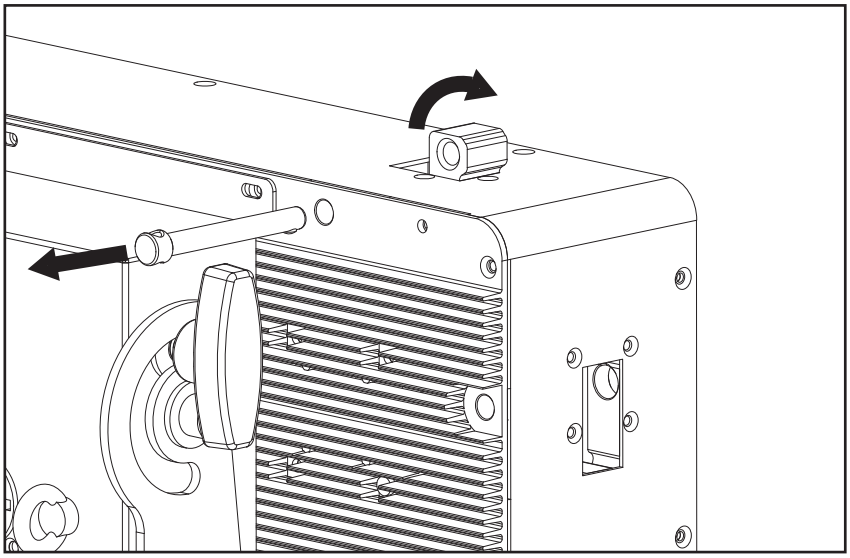
Mounting Diagram



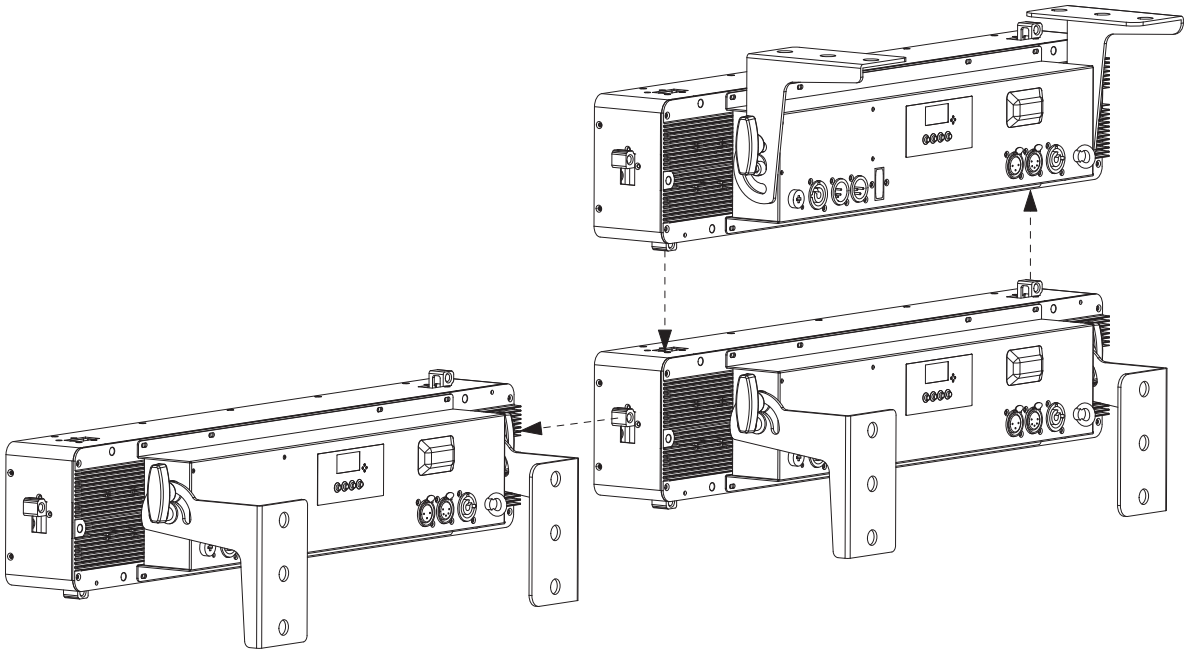
Connecting Units

Multiple CORE 5X1 ILS fixtures may be connected together using the built-in connecting hardware. To connect CORE 5x1 ILS fixtures:

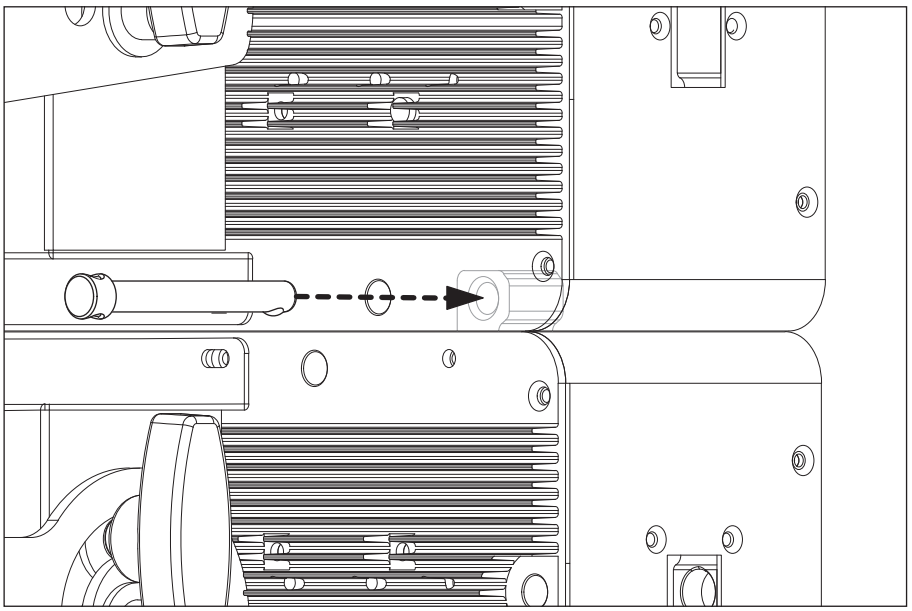
1. Remove locking pins to release built-in male connecting hardware.



2. Position fixtures so that male connecting hardware is fitted into the female opening on the opposite fixture.



3. Replace locking pins so they pass through the locking pin holes and into the male connecting hardware of the attached fixture. Ensure that this is done for each connection point along adjoining fixtures.



Proper Usage

This product is for overhead mounting only. For safety purposes, Chauvet recommends mounting lighting effect products on steady elevated platforms or sturdy overhead supports using suitable hanging clamps. In all cases, use safety cables. Obtain appropriate mounting hardware from a lighting vendor.

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	Name	Function
	<Menu>	Press to find an operation mode or to back out of the current menu option
	<Enter>	Press to activate a menu option or a selected value
	<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

Menu Map

Refer to the CORE 5X1 ILS product page on www.chauvetdj.com for the latest menu map and software.

Main Menu	Programming Levels		Description
DMX Address	**d001–d509**		Selects DMX starting address
DMX Mode	**4 CH**		4-channel DMX mode
	9 CH		9-channel DMX mode
	22 CH		22-channel DMX mode
ILS Mode	**ILS 1–2**		Sets ILS mode
Slave	**Slave**		Sets fixture into slave mode
Fixed Color	**R**		Selects a single static color or a combination of static colors
	G		
	B		
	W		
	RG		
	RB		
	RW		
	GB		
	GW		
	BW		
	RGB		
	RGW		
	RBW		
	GBW		
	RBGW		
Auto	**Program**	**001–008**	Selects preset auto program
	Speed	**001–100**	Auto program speed, slow to fast
	Program Mode	**Fade**	Selects the transition between auto programs
		Snap	
Sound	**Sound**	**001–008**	Selects preset sound-activated program
	Sensitivity	**001–100**	Sound sensitivity, low to high
	Sound Lost	**Show**	Reverts to auto program when sound is undetected
		Freeze	Freezes last look when sound is undetected
		Black	Goes to blackout when sound is undetected

Main Menu	Programming Levels		Description
Manual Color	Red	000–255	Custom static colors Combine red, green, blue, and white
	Green	000–255	
	Blue	000–255	
	White	000–255	
Dimmer Mode	OFF		Turns off dimmer
	Dimmer Fast		Sets dimmer speed
	Dimmer Medium		
	Dimmer Slow		
RF Remote	RF Mode	OFF	Turns off RF
		Public	Enables control of fixture using any RF remote
		Bind	Enables control of fixture using only paired RF remote
	RF Binding	FFFF	Turns off RF binding
		*	Fixture ready to bind with RF remote
	RF Group	1–4	Sets RF Group
Back Light	10S		Sets the amount of time before display back light turns off after period of inactivity
	30S		
	2 Min		
	Always On		
Fixture Information	Version		Displays firmware version
	Running		Displays current operating mode
	DMX Address		Displays current set DMX address
Factory Reset	No		Reset product to factory default settings
	Yes		
Firmware Update	No		Enables or disables automatic firmware update from USB
	Yes		

DMX Configuration

The CORE 5X1 ILS works with a DMX controller. Information about DMX is in the Chauvet DMX Primer, which is available from the Chauvet website.

Starting Address

The CORE 5X1 ILS uses up to 22 DMX channels, which defines the highest recommended address to **491**.

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 **001–509**.
5. Press **<ENTER>**.

DMX Personalities

The CORE 5X1 ILS has **3** DMX personalities: 4CH, 9CH, and 22CH.

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

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **DMX Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **4CH**, **9CH**, or **22CH**.
5. Press **<ENTER>**.

D-Fi USB Connectivity

The CORE 5X1 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

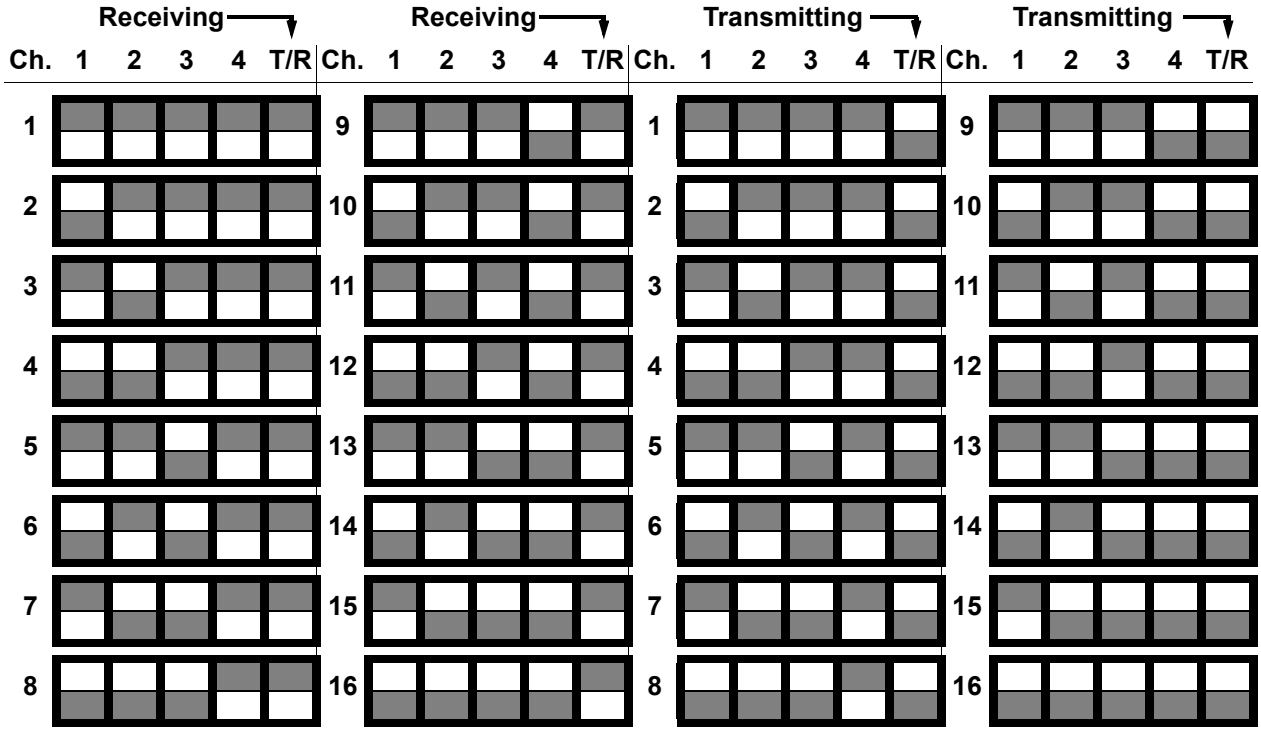
The D-Fi USB can receive a DMX signal from the D-Fi Hub and the FlareCON Air 2 as well as other D-Fi USB products.

D-Fi USB Configuration

1. Set the DMX Personality and DMX address on the CORE 5X1 ILS.
2. Use the Chart provided to set **BOTH**:
   - the Channel, and then
   - The Receiving or Transmitting option

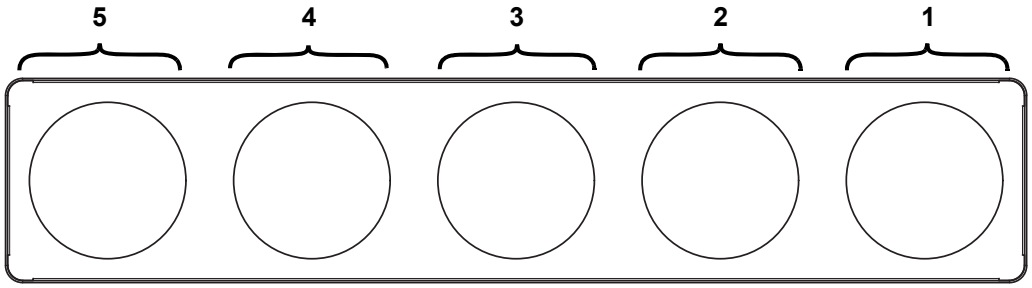
NOTE: DIP Switch 5 is for Transmitting OR Receiving, please choose carefully.

D-Fi USB DIP Switch Channels



DMX Channel Assignments and Values

Zones for DMX Control



9CH / 4CH

4CH	9CH	Function	Value	Percent/Setting
–	1	**Dimmer**	**000 ⇔ 255**	0–100%
1	2	**Red**	**000 ⇔ 255**	0–100%
2	3	**Green**	**000 ⇔ 255**	0–100%
3	4	**Blue**	**000 ⇔ 255**	0–100%
4	5	**White**	**000 ⇔ 255**	0–100%
–	6	**Strobe**	**000 ⇔ 010**	No function
			011 ⇔ 255	Strobe, slow to fast
–	7	**Auto Programs**	**000 ⇔ 010**	No function
			011 ⇔ 037	Auto program 1
			038 ⇔ 064	Auto program 2
			065 ⇔ 091	Auto program 3
			092 ⇔ 118	Auto program 4
			119 ⇔ 145	Auto program 5
			146 ⇔ 172	Auto program 6
			173 ⇔ 199	Auto program 7
			200 ⇔ 226	Auto program 8
			227 ⇔ 255	Auto program 9
–	8	**Auto Speed**	**000 ⇔ 255**	Auto program speed, slow to fast
–	9	**Dimmer Speed Mode**	**000 ⇔ 051**	Dimmer speed set from display
			052 ⇔ 101	Dimmer speed mode off
			102 ⇔ 152	Dimmer speed mode fast (dIM1)
			153 ⇔ 203	Dimmer speed mode medium (dIM2)
			204 ⇔ 255	Dimmer speed mode slow (dIM3)

22 CH

22CH	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Blue 1	000 ⇔ 255	0–100%
5	White 1	000 ⇔ 255	0–100%
6	Red 2	000 ⇔ 255	0–100%
7	Green 2	000 ⇔ 255	0–100%
8	Blue 2	000 ⇔ 255	0–100%
9	White 2	000 ⇔ 255	0–100%
10	Red 3	000 ⇔ 255	0–100%
11	Green 3	000 ⇔ 255	0–100%
12	Blue 3	000 ⇔ 255	0–100%
13	White 3	000 ⇔ 255	0–100%
14	Red 4	000 ⇔ 255	0–100%
15	Green 4	000 ⇔ 255	0–100%
16	Blue 4	000 ⇔ 255	0–100%
17	White 4	000 ⇔ 255	0–100%
18	Red 5	000 ⇔ 255	0–100%
19	Green 5	000 ⇔ 255	0–100%
20	Blue 5	000 ⇔ 255	0–100%
21	White 5	000 ⇔ 255	0–100%
22	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast

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.

Fixed Color

To operate the CORE 5X1 ILS using a static color:

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

Automatic Program

To operate the CORE 5X1 ILS using an automatic program:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Auto**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Program**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select an automatic program, from **001–008**.
7. Press **<ENTER>**.

Auto Program Speed

To adjust the speed of an automatic program on the CORE 5X1 ILS:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Auto**.
3. Press **<ENTER>**.
1. Use **<UP>** or **<DOWN>** to select **Speed**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to increase or decrease the speed, from **001–100**.
4. Press **<ENTER>**.

Auto Program Mode

To adjust the transitions between automatic programs on the CORE 5X1 ILS:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Auto**.
3. Press **<ENTER>**.
1. Use **<UP>** or **<DOWN>** to select **Program Mode**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select between **Fade** or **Snap**.
4. Press **<ENTER>**.

Sound-Active Mode

To operate the CORE 5X1 ILS using a sound-active program:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Sound**.
3. Press **<ENTER>**.
1. Use **<UP>** or **<DOWN>** to select **Sound**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select a sound-active program, from **001–008**.
4. Press **<ENTER>**.

Sound Sensitivity

To set the sound sensitivity of the product, do the following:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Sound**.
3. Press **<ENTER>**.
1. Use **<UP>** or **<DOWN>** to select **Sensitivity**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to increase or decrease the sound sensitivity, from **001–100**.
4. Press **<ENTER>**.

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

Sound Lost Mode

To set the sound sensitivity of the product, do the following:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Sound**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Sound Lost**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select from **Show**, **Freeze**, or **Blackout**.
7. Press **<ENTER>**.

Manual Color Mixing

To operate the CORE 5X1 ILS using a custom static color:

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

Dimmer Mode

To set the dimmer value on the CORE 5X1 ILS:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Dimmer Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to set dimmer speed to **Off**, **Dimmer Fast**, **Dimmer Medium**, or **Dimmer Slow**.
5. Press **<ENTER>**.

Back Light

To set the amount of time before the back light on the CORE 5X1 ILS turns off after a period of inactivity:

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

Factory Reset

To return the CORE 5X1 ILS to factory default settings:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Factory Reset**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Yes**.
5. Press **<ENTER>**.

Wired Master/Slave Mode

The Master/Slave mode allows a single CORE 5X1 ILS product (the “master”) to control the actions of one or more CORE 5X1 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. Set each slave product to the same starting DMX address.
1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Slave**.
3. Press **<ENTER>** twice.
4. Connect the DMX input of the first slave product to the DMX output of the master product.
5. Connect the DMX input of the subsequent slave products to the DMX output of the previous slave product.
6. Finish setting and connecting all the slave products.

Master product:

1. Set the master product to operate in **Fixed Color**, **Auto**, **Sound**, or **Manual Color** 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 CORE 5X1 ILS product (the “master”) to control the actions of one or more CORE 5X1 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>** twice.
4. Plug in the D-Fi USB.
5. Set the D-Fi USB to receive on a specific channel, 1–16.
6. Finish setting and connecting all the slave products.

Master product:

1. Set the master product to operate in **Fixed Color**, **Auto**, **Sound**, or **Manual Color** 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, whereas 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 par effect on the selected side of the GigBAR MOVE+ILS, as well as the strobes.

To set the CORE 5X1 ILS to respond to an ILS signal:

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

RFC Remote Control

The CORE 5X1 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 CORE 5X1 ILS to an RFC/RFC-XL:

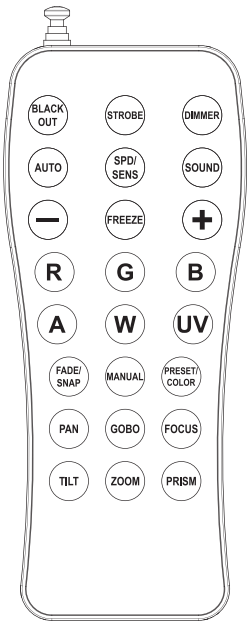
1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **RF Remote**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **RF Mode**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Bind**.
7. Press **<ENTER>**.
8. Use **<UP>** or **<DOWN>** to select **RF Binding**.
9. Press **<ENTER>**.
10. Use **<UP>** or **<DOWN>** to select *.
11. Press **<ENTER>** and wait until * begins moving from left to right.
12. Press and hold **<BLACK OUT>** on the RFC/RFC-XL until it binds to the fixture.

RFC Control Options

The RFC-XL can control multiple products at once, whether in defined groups or in public mode. To set the CORE 5X1 ILS to public RFC/RFC-XL control or to an RFC-XL group:

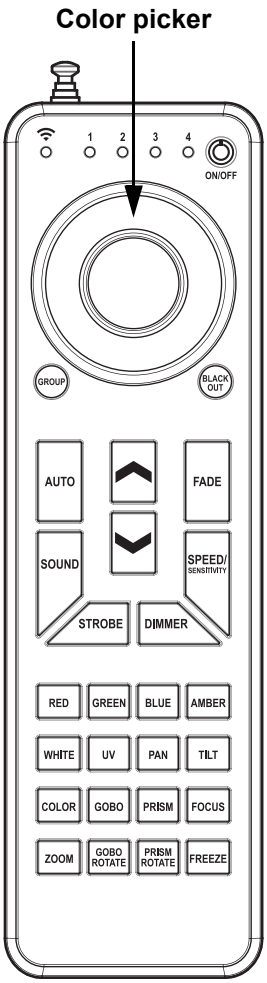
1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **RF Remote**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **RF Mode**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Public**.
7. Press **<ENTER>.**
8. Use **<UP>** or **<DOWN>** to select to control mode, from **1–4** (group 1–4).
9. 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
	<B>	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
	<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

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
	<WHITE>	In manual mode, press then use **<^>** or **<v>** to increase or decrease the white 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
23.6 in (60 cm)	5.6 in (14.3 cm)	6.3 in (16 cm)	11 lb (5 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	120 W	113 W
Operating Current	1.8 A	1.13 A
Power linking current (products)	8 A (6 products)	8 A (10 products)
Fuse	T3.5LA, 250 V	T3.5LA, 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 cable plug	Edison (U.S.)	Local Plug

Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	RGB+WW	5	35W	1.2A	50,000 hours

Photometrics

Strobe Rate	Beam Angle	Field Angle	Illuminance @ 2 m	Lumens
0 to 20 Hz	54°	75°	953 lux	2,875 lux

Thermal

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

DMX

I/O Connector	Channel Range
3-pin and 5-pin XLR	4, 9, or 22

Ordering

Product Name	Item Code	UPC Number
CORE 5X1 ILS	10032676	781462230241

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.