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## Edition Notes

The ILS Command User Manual includes a description, safety precautions, installation, programming, operation and maintenance instructions for the ILS Command 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

This is revision 2 of the ILS Command User Manual. Go to [www.chauvetdj.com](http://www.chauvetdj.com) for the latest version.

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# 1. Before You Begin

## What Is Included

- ILS Command
- External power supply
- USB-C cable
- Carry bag
- 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
<b>1–512</b>	A range of values
<b>50/60</b>	A set of values of which only one can be chosen
<b>Settings</b>	A menu option not to be modified
<b>&lt;ENTER&gt;</b>	A key to be pressed on the product's control panel
<b>ON</b>	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.

## FCC Statement of Compliance

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

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

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

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

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

## 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.

## Safety Notes

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

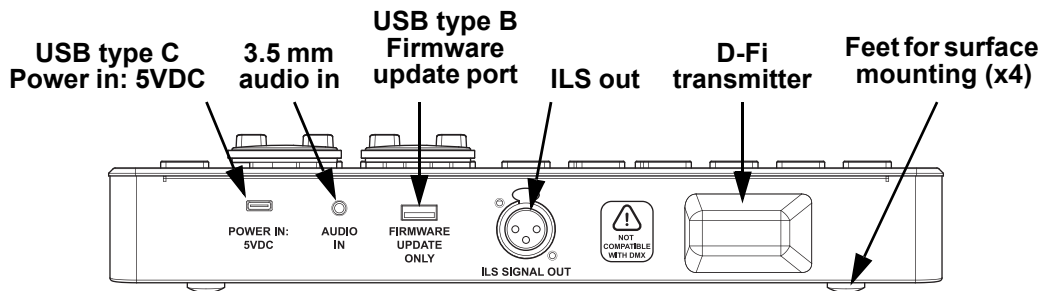
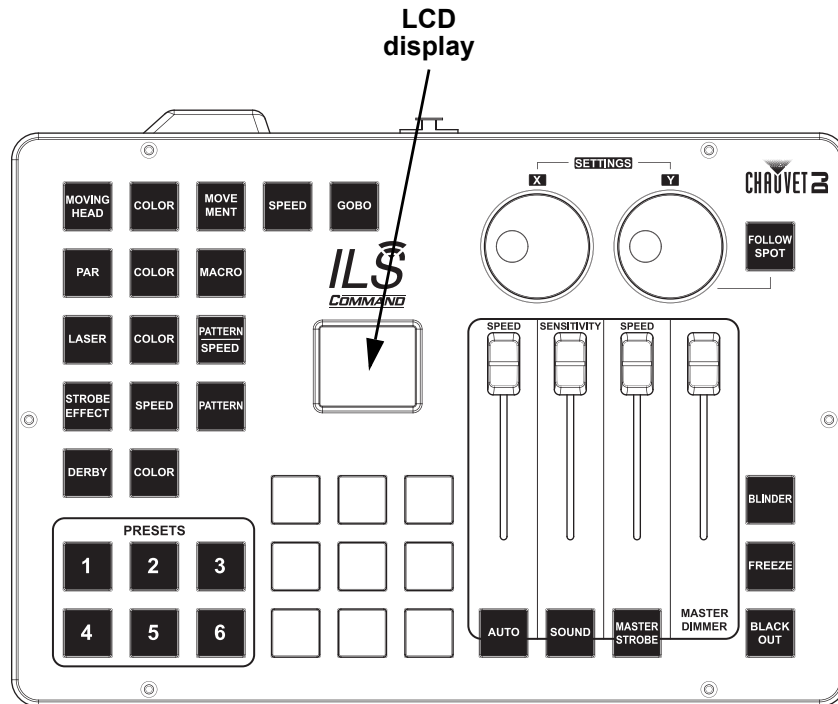
- **ALWAYS:**
  - ◆ Connect to a grounded circuit.
  - ◆ Connect to operating voltages as specified on the product's spec sticker.
  - ◆ Disconnect from its power source during periods of inactivity.
  - ◆ Heed all restrictions and warnings on the spec sticker.
  - ◆ Mount in a location with at least 20 in (50 cm) of ventilation.
- 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.
  - ◆ 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.
  - ◆ 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.
  - ◆ 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.**

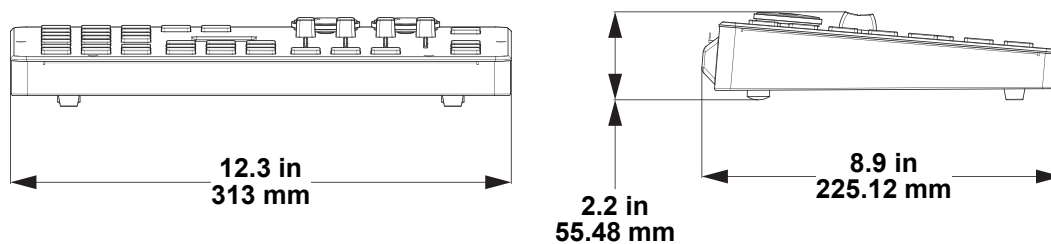
## 2. Introduction

### Product Overview



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

### Product Dimensions



## 3. Setup

### AC Power

The ILS Command comes with an external auto-ranging power supply which can work with an input voltage range of 100 to 240 VAC, 50/60 Hz and outputs 5 VDC.

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.**

### Mounting

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

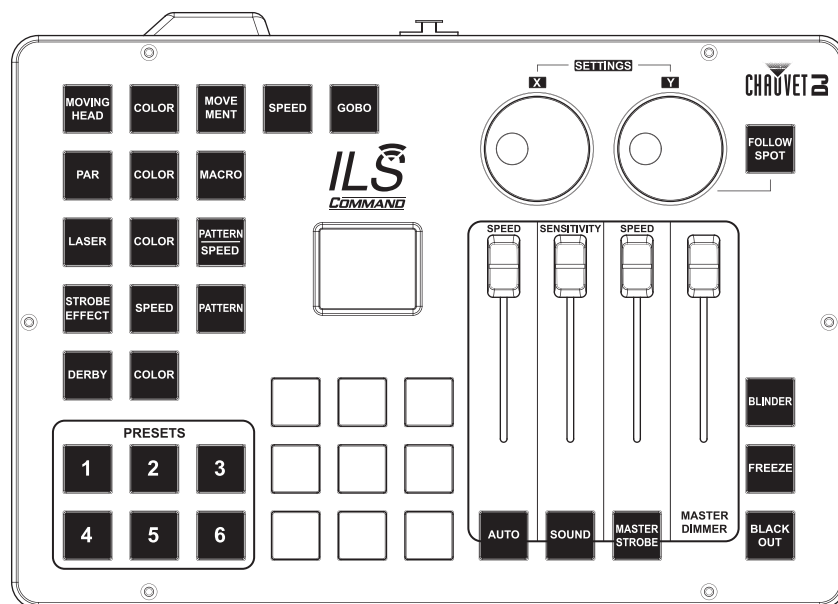
### Orientation

The ILS Command has 4 rubber feet for placing on a flat surface. Make sure adequate ventilation is provided around the product.



## 4. Operation

### Control Panel Overview



### Control Panel Description

Label/Color	Type	Function
<X>	Encoder	Press to access menu, enable the currently displayed menu, or set the currently selected value into the selected function Press and hold for 3 seconds to lock and unlock the ILS Command Rotate to navigate through the menu list, to increase or decrease numeric values in a function, and to program the pan of moving heads for follow spot mode
<Y>	Encoder	Press to exit from the current menu or function Press and hold for 3 seconds to lock and unlock the ILS Command except for the <PRESET> buttons Rotate to program the tilt of moving heads for follow spot mode
<FOLLOW SPOT>	Button	Press to activate and deactivate follow spot mode Press and hold to program follow spot mode positions, colors, and gobos (Use the <amber>, <green>, <cyan>, and <white> buttons with the <X> and <Y> encoders to program) Press and hold again to finish programming, then use the <X> encoder to save or cancel
<AUTO SPEED>	Fader	Adjust to set the speed of automatic/preset programs and macros
<SENSITIVITY>	Fader	Adjust to set the sensitivity of the microphone or aux input in sound mode
<STROBE SPEED>	Fader	Adjust to set the strobe speed
<MASTER DIMMER>	Fader	Adjust to set the master dimmer value
<AUTO>	Button	Press to activate automatic mode
<SOUND>	Button	Press to activate sound mode
<MASTER STROBE>	Button	Press to trigger/toggle all effects to strobe
<BLINDER>	Button	Press to trigger/toggle blinder effect (all effects white at full output)
<FREEZE>	Button	Press to toggle freeze (hold all output at the current setting)
<BLACK OUT>	Button	Press to toggle black out

Label/Color	Type	Function
<RED>	Button	Press to toggle all output to red (color override) and to select <b>RED</b> on the <b>Color Macro Setting</b> screen
<AMBER>	Button	Press to toggle all output to amber (color override), to select <b>AMBER</b> on the <b>Color Macro Setting</b> screen, and to select a parameter when programming follow spot mode
<YELLOW>	Button	Press to toggle all output to yellow (color override) and to select <b>YELLOW</b> on the <b>Color Macro Setting</b> screen
<GREEN>	Button	Press to toggle all output to green (color override), to select <b>GREEN</b> on the <b>Color Macro Setting</b> screen, and to select a parameter when programming follow spot mode
<BLUE>	Button	Press to toggle all output to blue (color override) and to select <b>BLUE</b> on the <b>Color Macro Setting</b> screen
<CYAN>	Button	Press to toggle all output to cyan (color override), to select <b>CYAN</b> on the <b>Color Macro Setting</b> screen, and to select a parameter when programming follow spot mode
<MAG>	Button	Press to toggle all output to magenta (color override) and to select <b>MAG</b> on the <b>Color Macro Setting</b> screen
<WW>	Button	Press to toggle all output to warm white (color override), to select <b>WW</b> on the <b>Color Macro Setting</b> screen, and to select a parameter when programming follow spot mode
<UV>	Button	Press to toggle all output to ultraviolet (color override) and to select <b>UV</b> on the <b>Color Macro Setting</b> screen
<MOVING HEAD>	Button	Press to activate moving heads, to set moving heads to default, and to deactivate moving heads
<PAR>	Button	Press to activate par and wash effects, to set par and wash effects to default, and to deactivate par and wash effects
<LASER>	Button	Press to activate laser control, to set lasers to default, and to deactivate lasers
<STROBE EFFECT>	Button	Press to activate strobe effects, to set strobe effects to default, and to deactivate strobe effects
<DERBY>	Button	Press to activate derby and kinta effects, to set derby and kinta effects to default, and to deactivate derby and kinta effects
<COLOR>	Button	Press to cycle through colors for the associated effect For moving heads, press and hold for color scroll
<MOVEMENT>	Button	Press to cycle through movement macros for moving heads
<SPEED>	Button	Press to cycle through speeds for the associated effect
<GOBO>	Button	Press to cycle through gobo effects for moving heads, or press and hold for gobo scroll
<MACRO>	Button	Press to activate and cycle through macros for par and wash effects Press and hold to select up to 4 colors for the macro effect
<PATTERN SPEED>	Button	Press to cycle through patterns/speeds for lasers
<PATTERN>	Button	Press to cycle through patterns for strobe effects
<PRESET 1–6>	Button	Press and hold to save shows to the preset slot, then use the <b>&lt;X&gt;</b> encoder to name the preset and assign a button color Press to activate and deactivate the preset

## Menu Map

Refer to the ILS Command product page on [www.chauvetdj.com](http://www.chauvetdj.com) for the latest menu map.






Main Level	Programming Levels		Description
DFI Channel	1–16		Selects a D-Fi channel to transmit ILS
Back Light	6–100		Sets the level of the button back lights
Sound In	MIC		Uses the built-in microphone for sound input
	AUX		Uses the 3.5 mm audio in for sound input
Sound Lost	HOLD		Holds last instruction when no sound input
	FREEZE		Freezes on current output when no sound input
	BLACK		Blacks out all connected products when no sound input
Par Color	Tri		Sets par control to tri-color RGB
	Quad		Sets par control to quad-color RGBA (RGBW also works)
	Hex		Sets par control to hex-color RGBAWUV
Program Mode	SNAP		Programs snap between colors
	FADE		Programs fade between colors
Effect Type	Spots	ON OFF	Enables or disables selected effect types
	Par		
	Laser		
	Strobe effect		
	Derby		
	GO BACK		Returns to main level
Blinder	MOMENTARY		Flashes blinders while <BLINDER> is pressed
	LATCH		Pressing <BLINDER> toggles blinders on and off
Strobe	MOMENTARY		Products strobe while <MASTER STROBE> is pressed
	LATCH		Pressing <MASTER STROBE> toggles strobing on and off
Presets	Static		Selected preset continues until manually stopped
	Chase Play	1–20mintue	Cycle through saved presets
Power Lost	BLACKOUT		All products black out on ILS Command power loss
	LAST SET		All products continue last instruction on ILS Command power loss
	AUTO		All products switch to auto on ILS Command power loss
Laser Mode	OFF		Disables lasers
	EU		Maintains EU laser standards
	US		Maintains US laser standards
USB Backup/ Restore	Backup		Backs up presets and settings data via USB port
	Restore		Restores presets and settings data via USB port
Factory reset	<b>WARNING!</b> This will permanently erase all data. To continue, hold BLACKOUT and PRESET4 for 5 seconds		Resets the ILS Command to factory defaults
	CANCEL		
System Update	NO		Updates the ILS Command firmware via the USB port
	YES		

## Home Screen

The home screen of the ILS Command displays the current operating modes of each effect type and the current master settings.

### Effect Operating Mode

The left side of the home screen displays the operating modes of each effect type.

Icon	Product Type
	Moving heads
	Par and wash effects
	Lasers
	Strobe effects
	Derby and kinta effects

### Master Settings

The top row and right side of the home screen displays the current master settings.

- **MIC** or **AUX**: displays the audio input source.
- **DFI-\_\_**: displays the D-Fi transmitter channel.
- **DIMMER**: displays the master dimmer value.
- **STROBE**: displays the master strobe value.
- **AUTO** or **SOUND**: displays the selected program type.
- **SPEED**: displays the current automatic program speed.
- **SENSITIVITY**: displays the current sound sensitivity.

### Overrides

When an override setting, such as [Blinder](#), [Freeze](#), [Blackout](#), [Follow Spot Mode](#), a [Color Override](#), or a [Preset](#) is active, a banner will show on the display with the current override.

### Settings Configuration

Press the <X> encoder to access the menu.

Press the <Y> encoder to return to the previous menu level or the home screen.

### D-Fi Configuration

To select on which D-Fi channel the ILS Command will transmit, do the following:

1. Press the <X> encoder to access the menu.
2. Turn the <X> encoder left or right to select **DFI Channel**.
3. Press the <X> encoder.
4. Turn the <X> encoder left or right to select from **1–16**.
5. Press the <X> encoder.



**Caution: D-Fi 2.4 GHz operation can be interrupted or inhibited by obstructions between the transmitter and receiver such as structures or people. For best results, keep the line of sight clear.**

### Back Light

To set the brightness of the button back lights, follow the instructions below.

1. Press the <X> encoder to access the menu.
2. Turn the <X> encoder left or right to select **Back Light**.
3. Press the <X> encoder.
4. Turn the <X> encoder left or right to increase or decrease the brightness, from **6–100**.
5. Press the <X> encoder.

### Sound Input

To select the source for sound input, do the following:

1. Press the <X> encoder to access the menu.
2. Turn the <X> encoder left or right to select **Sound In**.
3. Press the <X> encoder.
4. Turn the <X> encoder left or right to select from **MIC** (microphone) or **AUX** (3.5 mm audio in).
5. Press the <X> encoder.

### Sound Loss

To select what the ILS Command in sound mode does without sound input, follow the instructions below.

1. Press the <X> encoder to access the menu.
2. Turn the <X> encoder left or right to select **Sound Lost**.
3. Press the <X> encoder.
4. Turn the <X> encoder left or right to select from **HOLD** (continues the last instruction), **FREEZE** (freezes at current output), or **BLACK** (blacks out all connected products).
5. Press the <X> encoder.

### Par Color

To select the number of colors available to all connected par and wash effects, do the following:

1. Press the <X> encoder to access the menu.
2. Turn the <X> encoder left or right to select **Par Color**.
3. Press the <X> encoder.
4. Turn the <X> encoder left or right to select from **Tri** (red, green, and blue), **Quad** (red, green, blue, and amber or white), or **Hex** (red, green, blue, amber, white, and ultraviolet).
5. Press the <X> encoder.

### Program Mode

To select between snapping programs and fading programs, follow the instructions below.

1. Press the <X> encoder to access the menu.
2. Turn the <X> encoder left or right to select **Program Mode**.
3. Press the <X> encoder.
4. Turn the <X> encoder left or right to select from **SNAP** or **FADE**.
5. Press the <X> encoder.

## Effect Type

To enable or disable effect types, do the following:

1. Press the **<X>** encoder to access the menu.
2. Turn the **<X>** encoder left or right to select **Effect Type**.
3. Press the **<X>** encoder.
4. Turn the **<X>** encoder left or right to select from **Spots, Par, Laser, Strobe effect, Derby, or GO BACK** (to return to the main level).
5. Press the **<X>** encoder.
6. Select from **ON** or **OFF**.
7. Press the **<X>** encoder.

## Blinder Mode

To set whether the **<BLINDER>** button will toggle the blinders or activate them only while the button is pressed, follow the instructions below.

1. Press the **<X>** encoder to access the menu.
2. Turn the **<X>** encoder left or right to select **Blinder**.
3. Press the **<X>** encoder.
4. Turn the **<X>** encoder left or right to select from **MOMENTARY** (blinders on while button is pressed) or **LATCH** (button toggles blinders).
5. Press the **<X>** encoder.

## Strobe Mode

To set whether the **<MASTER STROBE>** button will toggle the master strobe or activate it only while the button is pressed, follow the instructions below.

1. Press the **<X>** encoder to access the menu.
2. Turn the **<X>** encoder left or right to select **Strobe**.
3. Press the **<X>** encoder.
4. Turn the **<X>** encoder left or right to select from **MOMENTARY** (master strobe on while button is pressed) or **LATCH** (button toggles master strobe).
5. Press the **<X>** encoder.

## Presets Playback Mode

To set whether a selected preset will continue until manually stopped, or to set an interval at which the presets will cycle, do the following:

1. Press the **<X>** encoder to access the menu.
2. Turn the **<X>** encoder left or right to select **Presets**.
3. Press the **<X>** encoder.
4. Turn the **<X>** encoder left or right to select from **Static** (selected preset will continue until manually stopped) or **Chase Play** (presets will cycle, started with the selected preset).
5. Press the **<X>** encoder.
6. For Chase Play, turn the **<X>** encoder left or right to increase or decrease the cycle interval, from **1–20mintue** (1–20 minutes).
7. Press the **<X>** encoder.

## Power Loss

To select what connected products will do if the ILS Command loses power, follow the instructions below.

1. Press the **<X>** encoder to access the menu.
2. Turn the **<X>** encoder left or right to select **Power Lost**.
3. Press the **<X>** encoder.
4. Turn the **<X>** encoder left or right to select from **BLACKOUT** (blacks out all connected products), **LAST SET** (continues the last instruction), or **AUTO** (all connected products switch to auto).
5. Press the **<X>** encoder.

### Laser Mode

To set connected lasers to US standards, EU standards, or to disable them completely, do the following:

1. Press the **<X>** encoder to access the menu.
2. Turn the **<X>** encoder left or right to select **Laser Mode**.
3. Press the **<X>** encoder.
4. Turn the **<X>** encoder left or right to select from **OFF** (disables lasers), **EU** (maintains European Union standards), or **US** (maintains United States standards).
5. Press the **<X>** encoder.

### USB Backup or Restore

To backup or restore data via the USB type A port, follow the instructions below.

1. Plug a USB drive into the USB type A port.
2. Press the **<X>** encoder to access the menu.
3. Turn the **<X>** encoder left or right to select **USB Backup/Restore**.
4. Press the **<X>** encoder.
5. Turn the **<X>** encoder left or right to select from **Backup** (backup file will upload via USB) or **Restore** (existing backup file will download via USB).
6. Press the **<X>** encoder.

### Factory Reset

To reset the ILS Command to factory default settings, do the following:

1. Press the **<X>** encoder to access the menu.
2. Turn the **<X>** encoder left or right to select **Factory reset**.
3. Press the **<X>** encoder.
4. Press and hold **<BLACKOUT>** and **<PRESET 4>** for 5 seconds to reset, or to cancel, turn the **<X>** encoder to select **CANCEL** and press the **<X>** encoder.

### System Update

To update the ILS Command via the USB type A port, follow the instructions below.

1. Download the latest firmware update for the ILS Command from [www.chauvetdj.com](http://www.chauvetdj.com) and place the file on a USB drive.
2. Press the **<X>** encoder to access the menu.
3. Turn the **<X>** encoder left or right to select **System Update**.
4. Press the **<X>** encoder.
5. Turn the **<X>** encoder left or right to select from **NO** or **YES**.
6. Press the **<X>** encoder. The product will reset and enter upload mode.
7. Plug the USB drive with the firmware update file into the USB type A port. The ILS Command will automatically find the firmware update file and apply it.
8. The ILS Command will reset automatically. The new firmware version will show on the display during startup.
9. When the ILS Command has finished restarting, it is safe to remove the USB drive.

## ILS Configuration

The ILS Command controls each connected effect via ILS instructions configured by the control panel.

### Master Controls

The master controls affect all connected products and effects.

#### Automatic or Sound-Activated Mode

To set the operating mode to automatic, press **<AUTO>**. Upon activation or cycling through options, the default mode for each effect type becomes **AUTO**.

- Control the automatic program speed by adjusting the **<SPEED>** fader directly above the **<AUTO>** button, from **0–99**.

To set the operating mode to sound-activated, press **<SOUND>**. Upon activation or cycling through options, the default mode for each effect type becomes **SOUND**.

- Control the sound sensitivity by adjusting the **<SENSITIVITY>** fader directly above the **<SOUND>** button, from **0–99**.



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

#### Master Strobe

The **<MASTER STROBE>** button can trigger momentary strobing of all effects while pressed, or toggle strobing on and off. To select which one, see [Strobe Mode](#).

- Control the master strobe speed by adjusting the **<SPEED>** fader directly above the **<MASTER STROBE>** button, from **0–255**.

#### Master Dimmer

Control the brightness of all connected effects by adjusting the **<MASTER DIMMER>** fader, from **0–255**.

#### Blinder

The blinder effect sets all effects to white at full output.

- The **<BLINDER>** button can momentarily trigger the blinder effect while pressed, or toggle the blinder effect on and off. To select which one, see [Blinder Mode](#).

#### Freeze

The **<FREEZE>** button freezes all output on the current look until it is pressed again.

#### Blackout

The **<BLACK OUT>** button blacks out all connected products until it is pressed again.

#### Color Override

The unlabeled color override buttons can be identified by the color of each button's back light.

- Pressing a color override button sets all connected effects to the selected color.
- Press the currently selected color override button to disable color override.
- When programming [Follow Spot Mode](#), use the **<Amber>**, **<Green>**, **<Cyan>**, and **<White>** buttons to select which parameter to configure.



## Operation

### Effect Type Controls

Each effect type has a dedicated button and associated control buttons. Press a dedicated button to activate, reset to default (**AUTO** or **SOUND**) if in another mode, or deactivate that effect type.

The color of the effect button back light indicates the status of that effect type:

- Red: inactive
- Green: active, in default mode (**AUTO** or **SOUND**)
- Yellow: active, not in default mode

### Moving Head

Press **<MOVING HEAD>** to activate connected moving heads.

While moving heads are active, press the associated:

- **<COLOR>** button to cycle through **WHITE, RED, AMBER, YELLOW, GREEN, BLUE, WW** (warm white), **CYAN, MAG** (magenta), and either the default mode (**AUTO** or **SOUND**) or the most recent set movement or gobo setting.  
Press and hold **<COLOR>** for color scroll (will show as **SCROLL**).
- **<MOVEMENT>** button to cycle through **MOVE 1–7** (movement macros), **MANUAL** (control pan and tilt with the **<X>** and **<Y>** encoders), and either the default mode (**AUTO** or **SOUND**) or the most recent color or gobo setting.
- **<SPEED>** button to cycle through **SPEED 1–10** (the default speed is **SPEED 9**).
- **<GOBO>** button to cycle through **GOBO 1–10** and either the default mode (**AUTO** or **SOUND**) or the most recent color or movement setting.  
Press and hold **<GOBO>** for gobo scroll (will show as **RAINBOW**).

While not in the default mode (**AUTO** or **SOUND**), press **<MOVING HEAD>** to return to the default mode.

While in the default mode, press **<MOVING HEAD>** to deactivate connected moving heads.

### Par

Press **<PAR>** to activate connected par and wash effects.

While pars are active, press the associated:

- **<COLOR>** button to cycle through the following options (per [Par Color](#) mode):  
Key: **R**: red, **G**: green, **B**: blue, **A**: amber (also white in **Quad** mode), **W**: white, **UV**: ultraviolet.
  - In **Hex** mode: **RED, GREEN, BLUE, AMBER, WHITE, UV, RG, RB, RA, RW, RUV, GB, GA, GW, GUV, BA, BW, BUV, AW, AUV, WUV, RGB, RGA, RGW, RGV, RBA, RBW, RBUV, RAW, RAUV, RWUV, GBA, GBW, GBUV, GAW, GAUV, GWUV, BAW, BAUV, BWUV, AWUV, RGBA, RGBW, RGBUV, RGAW, RGAUV, RGWUV, RBAW, RBAUV, RBWUV, RAWUV, GBAW, GBAUV, GBWUV, GAWUV, BAWUV, RGBAW, RGBAUW, RGBWUV, RGAWUV, RBAWUV, GBAWUV, RGBAWUV**, and the default mode (**AUTO** or **SOUND**).
  - In **Quad** mode: **RED, GREEN, BLUE, AMBER** (white for RGBW products), **RG, RB, RA, GB, GA, BA, RGB, RGA, RBA, GBA, RGBA**, and the default mode (**AUTO** or **SOUND**).
  - In **Tri** mode: **RED, GREEN, BLUE, YELLOW, MAG** (magenta), **CYAN, WHITE**, and the default mode (**AUTO** or **SOUND**).
- **<MACRO>** button to cycle through **FADE, PULSE, SCROLL, RAINBOW, POP, ZONE**, and the default mode (**AUTO** or **SOUND**).

While not in the default mode (**AUTO** or **SOUND**), press **<PAR>** to return to the default mode.

While in the default mode, press **<PAR>** to deactivate connected par and wash effects.

### Macro Color Settings

To set the colors of the color macro, do the following:

1. Activate par and wash effects.
2. Press and hold **<MACRO>**. The **Macro Color Setting** screen will show on the display.
3. Turn the **<X>** encoder to select which color to edit, from **Color 1–4**.
4. Press the color override button for the desired color, from **RED, AMBER, YELLOW, GREEN, BLUE, CYAN, MAG** (magenta), **WW** (warm white), and **UV**.
5. Repeat steps 3 and 4 until the macro is set as desired.
6. Press and hold **<MACRO>** to return to the home screen. The product will automatically return to the home screen after 30 seconds of inactivity.

## Laser

Press **<LASER>** to activate connected lasers.

While lasers are active, press the associated:

- **<COLOR>** button to cycle through **RED, GREEN, BLUE, YELLOW, MAG** (magenta), **CYAN, WHITE**, and either the default mode (**AUTO** or **SOUND**) or the most recent set pattern.
- **<PATTERN|SPEED>** button to cycle through **PATTE 1–32** and either the default mode (**AUTO** or **SOUND**) or the most recent set color.

While not in the default mode (**AUTO** or **SOUND**), press **<LASER>** to return to the default mode.

While in the default mode, press **<LASER>** to deactivate connected lasers.

## Strobe Effect

Press **<STROBE EFFECT>** to activate connected strobe effects.

While strobe effects are active, press the associated:

- **<SPEED>** button to cycle through **SPEED 1–10** (the default speed is **SPEED 9**).
- **<PATTERN>** button to cycle through **PATTE 1–10** and the default mode (**AUTO** or **SOUND**).

While not in the default mode (**AUTO** or **SOUND**), press **<STROBE EFFECT>** to return to the default mode.

While in the default mode, press **<STROBE EFFECT>** to deactivate connected strobe effects.

## Derby

Press **<DERBY>** to activate connected derby and kinta effects.

While derby and kinta effects are active, press the associated **<COLOR>** button to cycle through **SCROLL, RAINBOW, RED, GREEN, BLUE, YELLOW, MAG** (magenta), **CYAN, WHITE**, and the default mode (**AUTO** or **SOUND**).

While not in the default mode (**AUTO** or **SOUND**), press **<DERBY>** to return to the default mode.

While in the default mode, press **<DERBY>** to deactivate connected derby and kinta effects.

## Follow Spot Mode

Follow spot mode sets connected moving heads to 2 custom pan, tilt, color, and gobo values.

Press **<FOLLOW SPOT>** to activate and deactivate follow spot mode. If not configured, follow spot mode will not activate.

To configure follow spot mode, follow the instructions below.

1. Press and hold **<FOLLOW SPOT>** until the **FOLLOW SPOT EDIT** screen shows on the display.
2. Use the **<Amber>**, **<Green>**, **<Cyan>**, and **<White>** buttons to select which parameter to configure.
  - For either **X** and **Y** (pan and tilt) values, use the **<X>** encoder to set the pan from **000–255** and use the **<Y>** encoder to set the tilt from **000–255**.
  - For either **COLOR** value, use the **<X>** encoder to select the color from **000–008**.
  - For either **GOBO** value, use the **<X>** encoder to select the gobo from **000–009**.
3. Use the **<Amber>**, **<Green>**, **<Cyan>**, and **<White>** buttons to select **SAVE** (to save these settings to follow spot mode) or **CANCEL** (to return to the home screen without configuring follow spot mode).
4. Press the **<X>** encoder.

### Presets

The ILS Command has 6 **<PRESET>** buttons which can store a show for instant playback.

In chase play mode, saved presets will cycle in numerical order. See [Presets Playback Mode](#) for more information.

To save the current output to a preset, do the following:

1. Press and hold the desired **<PRESET>** button until the **Presets Setting** screen shows on the display.
2. Turn the **<X>** encoder to select a character to edit.
3. Press the **<X>** encoder.
4. Turn the **<X>** encoder to select the desired letter, number, or space.
5. Press the **<X>** encoder.
6. Repeat steps 2–5 until the preset is named as desired.
7. Turn the **<X>** encoder to select **ENTER**.
8. Press the **<X>** encoder. The **Color Setting** screen will show on the display.
9. Turn the **<X>** encoder to select the desired backlight color for the selected **<PRESET>** button, from **RED, AMBER, YELLOW, GREEN, BLUE, CYAN, or MAG** (magenta). The backlight of the button will flash a preview of the color.
10. Press the **<X>** encoder.

To update, rename/recolor, or delete a saved preset, follow the instructions below.

1. Press and hold the desired **<PRESET>** button until the **Presets Setting** screen shows on the display.
2. Turn the **<X>** encoder to select from
  - **Edit/Update** (to save the current look to the selected preset),
  - **Rename** (to only rename or recolor the selected preset),
  - **Delete** (to delete the selected preset), or
  - **Cancel** (to return to the home screen without changing anything).
3. Press the **<X>** encoder.
4. For **Edit/Update** or **Rename**, Turn the **<X>** encoder to select a character to edit, or skip to step 9.
5. Press the **<X>** encoder.
6. Turn the **<X>** encoder to select the desired letter, number, or space.
7. Press the **<X>** encoder.
8. Repeat steps 2–5 until the preset is named as desired.
9. Turn the **<X>** encoder to select **ENTER**.
10. Press the **<X>** encoder. The **Color Setting** screen will show on the display.
11. Turn the **<X>** encoder to select the desired backlight color for the selected **<PRESET>** button, from **RED, AMBER, YELLOW, GREEN, BLUE, CYAN, or MAG** (magenta). The backlight of the button will flash a preview of the color.
12. Press the **<X>** encoder.

To play back a saved preset, press the desired **<PRESET>** button.

To stop preset playback, press the **<PRESET>** button for the currently active preset.

## 5. Maintenance

### Product Maintenance

Dust build-up reduces light output performance and can cause overheating. This can lead to reduction of the light source's life and/or mechanical wear. To maintain optimum performance and minimize wear, clean all lighting products at least twice a month. However, be aware that usage and environmental conditions could be contributing factors to increase the cleaning frequency.

To clean the product, follow the instructions below:

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



**Always dry the transparent surfaces carefully after cleaning them.**

## 6. Technical Specifications

### Dimensions and Weight

Length	Width	Height	Weight
12.3 in (313 mm)	8.9 in (225.12 mm)	2.2 in (55.48 mm)	3.6 lb (1.6 kg)

**Note:** Dimensions in inches are rounded.

### Power

Power Supply Type	Range	Voltage Selection	DC Input
Switching (external)	100 to 240 VAC, 50/60 Hz	Auto-ranging	5 V, 1 A

Power I/O	U.S./Worldwide	UK/Europe
Power input connector	USB type C	USB type C
Power supply connector	USB type A	USB type A
Power supply plug	NEMA 1-15 (U.S.)	Local Plug

### Thermal

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

### ILS

I/O Connector	Operating Frequency	Max Unobstructed Distance
3-pin XLR, D-Fi	2.412 to 2.484 GHz	600 ft (183 m)

### Ordering

Product Name	Item Code	UPC Number
ILS Command	10082103	781462224516



## Contact Us

General Information	Technical Support
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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](http://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](http://www.chauvetlighting.eu/warranty-registration).