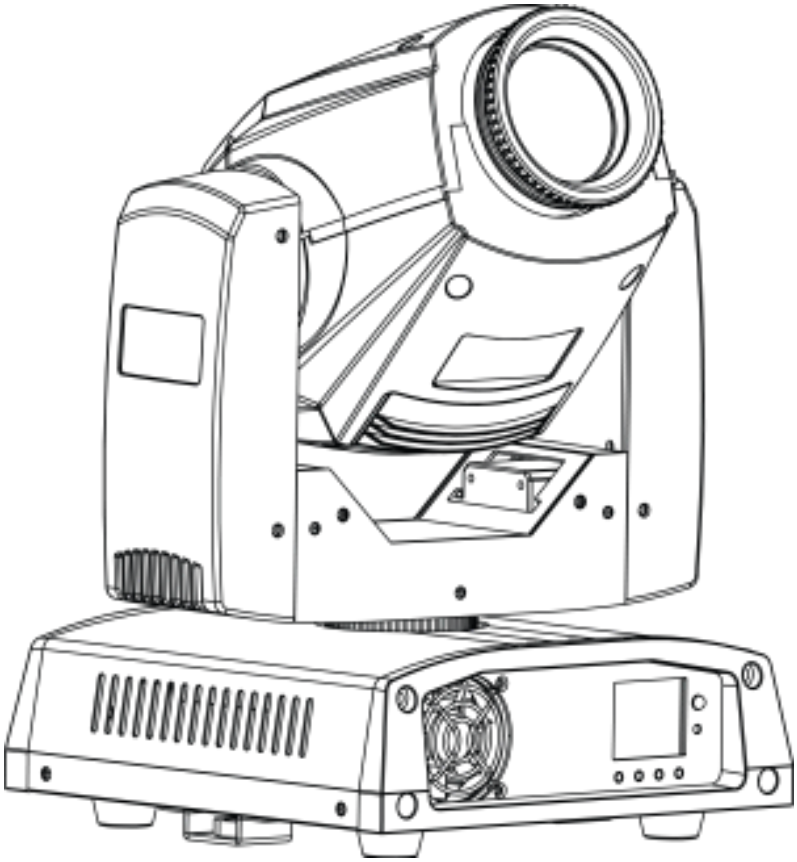
INTIMIDATOR™ Spot 255 IRC

User Manual



CHAUVET DJ®

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1. BEFORE YOU BEGIN

What Is Included

- Intimidator™ Spot 255 IRC
- Hanging Bracket with Mounting Hardware
- Power Cord
- Warranty Card
- 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 your 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
Menu > Settings	A sequence of menu options to be followed
<ENTER>	A key to be pressed on the product's control panel
ON	A value to be entered or selected

Symbols

Symbol	Meaning
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.

Document Information

The information and specifications contained in this document are subject to change without notice. Chauvet assumes no responsibility or liability for any errors or omissions that may appear in this manual. Chauvet reserves the right to update the existing document or to create a new document to correct any errors or omissions.

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Product at a Glance

Use on Dimmer	x	Auto Programs	P
Outdoor Use	x	Auto-ranging Power Supply	P
Sound-Activated	P	Replaceable Fuse	P
DMX	P	User-Serviceable	x
Master/Slave	P		

Safety Notes

These notes include important information about the mounting, usage, and maintenance of this product; read before using the product.



- This product is not intended for permanent installation.
- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Always disconnect the product from power before cleaning or replacing the fuse.
- Avoid direct eye exposure to the light source while the product is on.
- Make sure the power cord is not crimped or damaged.
- Never disconnect the product from power by pulling or tugging on the cord.
- If mounting the product overhead, always secure to a fastening device using a safety cable.
- Make sure there are no flammable materials close to the product when operating.
- Do not touch the product's housing when operating because it may be very hot.



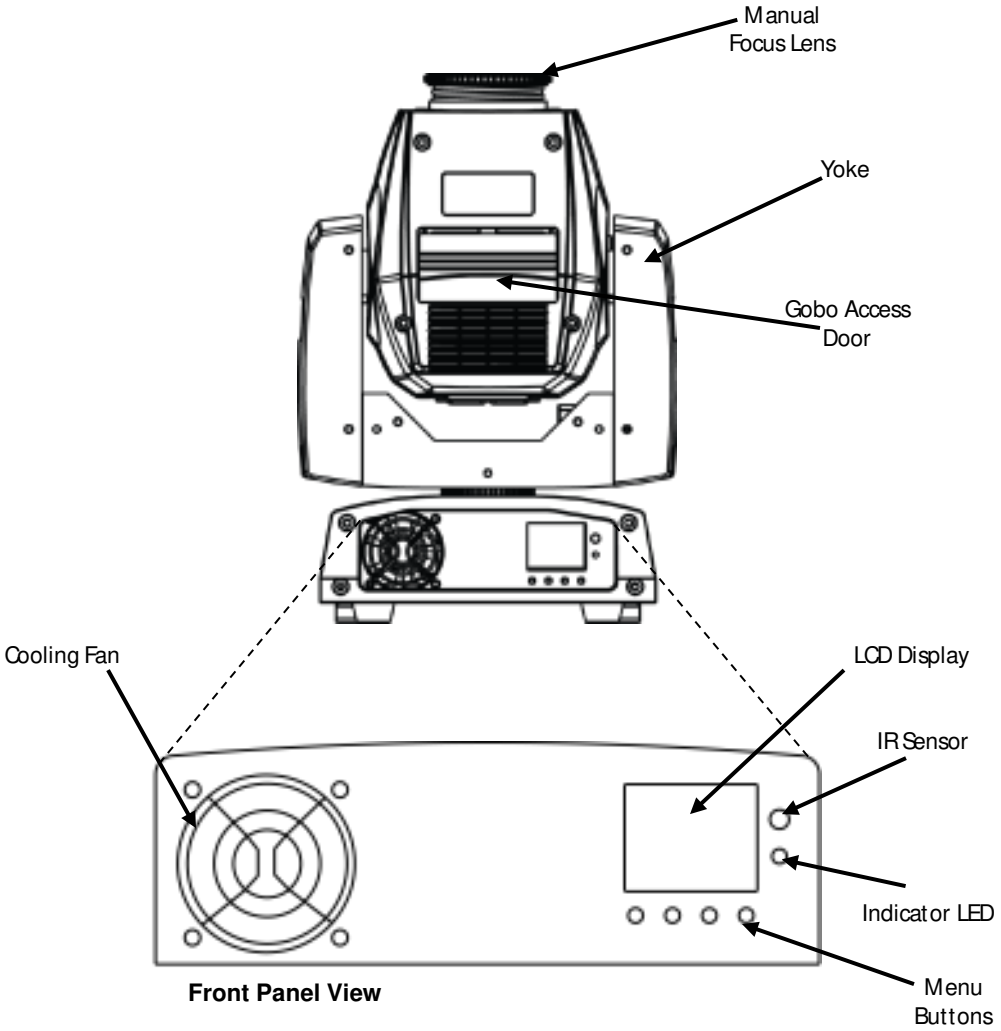
- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.
- The product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose the product to rain or moisture.
- Always install the product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the product's housing are blocked.
- Never connect the product to a dimmer or rheostat.
- Make sure to replace the fuse with another of the same type and rating.
- Never carry the product from the power cord or any moving part. Always use the hanging/mounting bracket.
- The maximum ambient temperature (Ta) is 104 °F (40 °C). Do not operate the product at higher temperatures.
- In the event of a serious operating problem, stop using the product immediately.
- Never try to repair the product. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.
- 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.



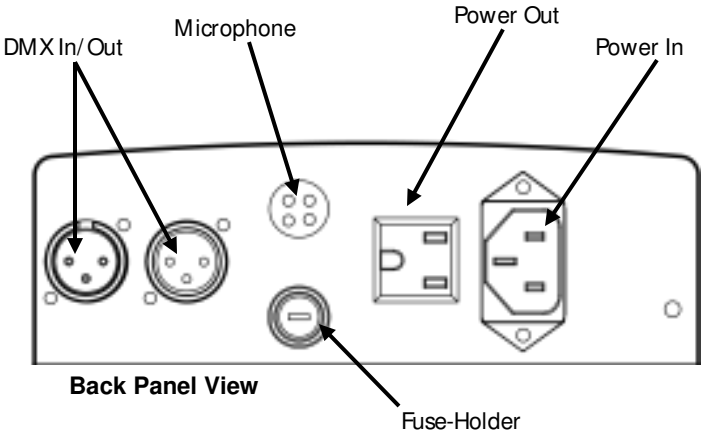
Keep this User Manual for future use. If you sell the product to another user, be sure to give this document to the next owner.

2. INTRODUCTION

Product Overview

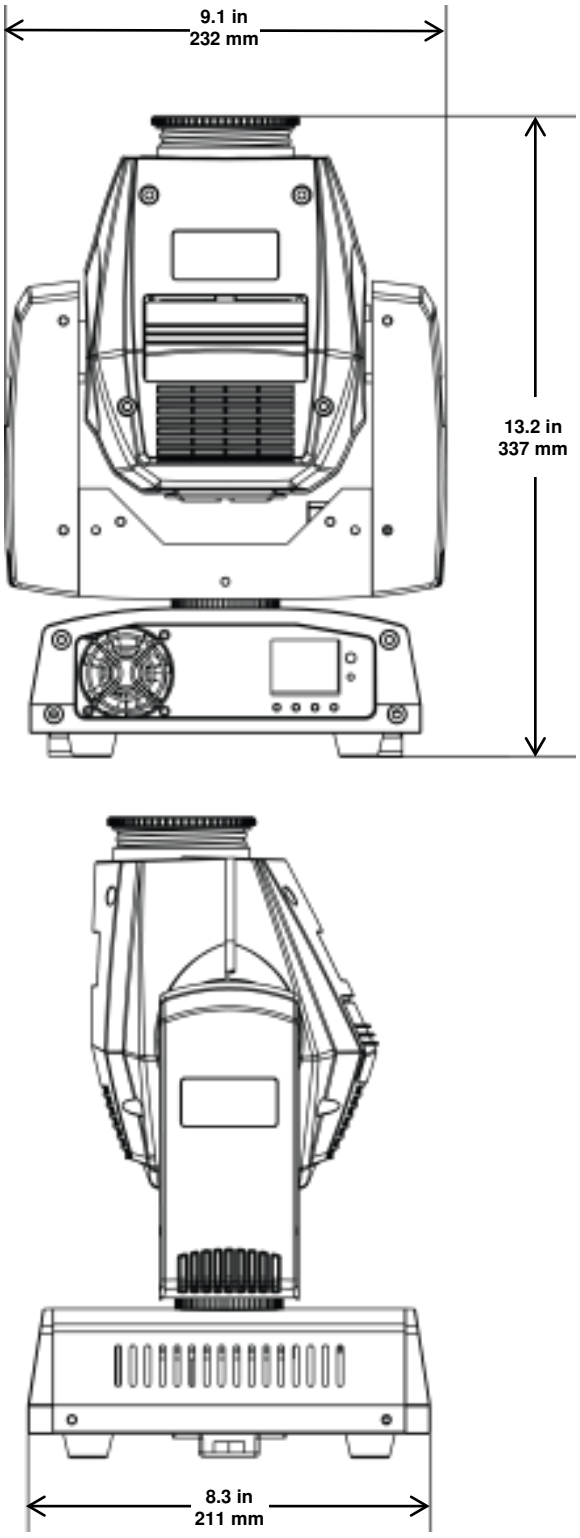


Front Panel View



Back Panel View

Product Dimensions



3. SETUP

AC Power

The Intimidator™ Spot 255 IRC 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 (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

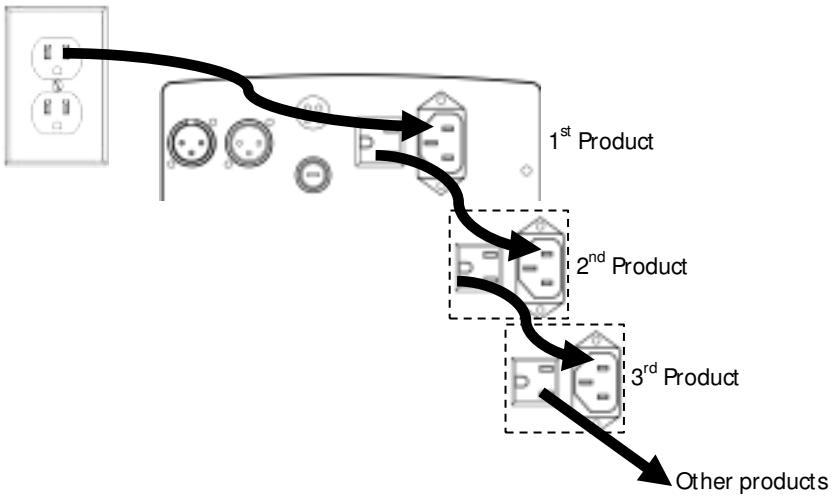
1. Disconnect the product from power.
2. Using a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse.
4. Replace with a fuse of the same type and rating.
5. Screw the fuse holder cap back in place and reconnect power.

- **Disconnect the product from power before replacing the fuse.**
- **Always replace a blown fuse with another of the same type and rating.**

Power Linking

The product provides power linking via the IEC outlet located in the back of the unit.

Power Linking Diagram



You can power link up to 6 Intimidator™ Spot 255 IRC units on 120 VAC or up to 10 Intimidator™ Spot 255 IRC units 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, you must consult with the local Chauvet distributor as power linking connectors and requirements may differ in your country or region.

Mounting

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

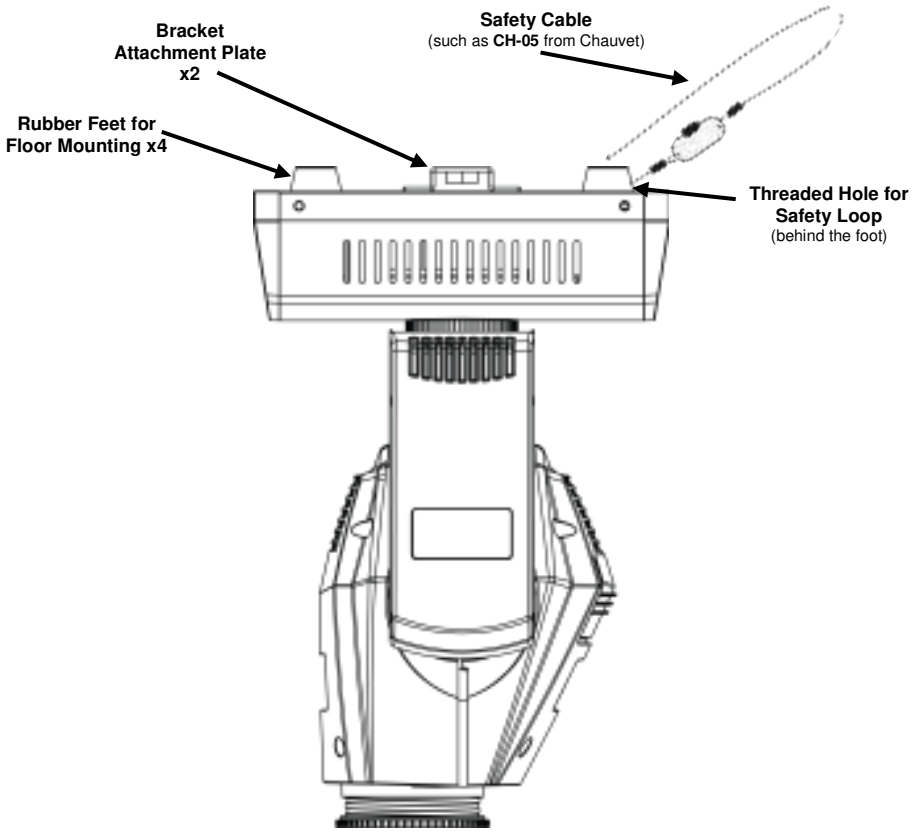
Orientation

The Intimidator™ Spot 255 IRC 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 purposes.
- Make sure that the structure or surface onto which you are mounting the product can support the product's weight. See the Technical Specifications for weight information. The CLP-15 clamp from Chauvet is appropriate for this product.
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.
- When rigging the product onto a truss, you should use a mounting clamp of appropriate weight capacity.
- When power linking multiple products, you must always consider the length of the power linking cable and mount the products close enough for the cable to reach.
- The rubber feet also serve as floor supports. When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.

Mounting Diagram



When using only one mounting clamp with this fixture, you must use a clamp with a captive bolt to prevent accidental loosening.

4. OPERATION

Control Panel Operation

To access the control panel functions, use the four buttons located underneath the display.

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

Main Level	Programming Levels			Description
Address	**001–512**			Sets the DMX starting address
Run Mode	**DMX**	**DMX8CH**		Selects DMX mode
		DMX13CH		
	Slave	**Slave1–4**		Selects Slave mode 1, 2, 3, or 4
	Sound			Selects Sound-Active mode
	Auto			Selects Automatic mode
	IR			Selects infrared control
	Manual Test	**Pan**	**000–255**	0–540°
		Pan Fine		Fine control of panning
		Tilt		0–270°
		Tilt Fine		Fine control of tilting
		P/T Speed		Pan/Tilt speed (fast to slow)
		Color		Selects color options
		Gobo		Selects gobo options
		Gobo Rot		Rotation effect with increasing speed
		Prism		Selects 3-facet prism
		Dimmer		Sets dimmer value
		Shutter		Strobe effect with increasing speed
		Special Function		Selects control functions
		P/T Macro		Selects pan/tilt macros
Setup	**Pan Reverse**	**OFF**		Normal pan operation
		ON		Reverse pan operation
	Tilt Reverse	**OFF**		Normal tilt operation
		ON		Reverse tilt operation
	Screen Reverse	**OFF**		Normal display
		ON		Reverse display
	Pan Angle	**540**		Selects the 540° pan angle range
		360		Selects the 360° pan angle range
		180		Selects the 180° pan angle range
	Tilt Angle	**270**		Selects the 270° tilt angle range
		180		Selects the 180° tilt angle range
		090		Selects the 90° tilt angle range
	Totem Mode	**OFF**		Turns off Totem mode
		UP		Selects upward pan and tilt range
		DOWN		Selects downward pan and tilt range
	Sensitivity	**001–100**		Sets sound sensitivity
	Reset			Resets the product
	Factory Set			Loads factory defaults
Sys Info	**Ver: V*X.X***			Displays the software version
	Running Mode: *XXXXX*			Displays the current running mode
	Dmx Address: *XXX*			Displays the current DMX address
	Temperature: *XXX*			Displays the LED temperature in Celsius

Configuration (DMX)

Set the product in DMX mode to control with a DMX controller.

1. Connect the product to a suitable power outlet.
2. Connect a DMX cable from the DMX output of the DMX controller to the DMX input socket on the product.

Starting Address

When selecting a starting DMX address, always consider the number of DMX channels the selected DMX mode uses. If you choose a starting address that is too high, you could restrict the access to some of the product's channels.

The Intimidator™ Spot 255 IRC uses up to 13 DMX channels in its 13-channel DMX mode, which defines the highest configurable address to **500**.

If you are not familiar with the DMX protocol, download the DMX Primer from www.chauvetlighting.com.

To select the starting address, do the following:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Address**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select the starting address.
5. Press **<ENTER>**.

DMX Personalities

The Intimidator™ Spot 255 IRC has two DMX personalities, a 13-channel personality and an 8-channel personality.

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

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **DMX**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** until either **DMX13CH** (to choose the 13-channel personality) or **DMX8CH** (to choose the 8-channel personality) shows on the display.
7. Press **<ENTER>**.

5. DMX ASSIGNMENTS

DMX13CH

Channel	Function	Value	Percent/Setting
1	**Pan**	000 255	0–540°
2	**Fine Pan**	000 255	Fine control of pan
3	**Tilt**	000 255	0–270°
4	**Fine Tilt**	000 255	Fine control of tilt
5	**Speed**	000 255	Pan/Tilt speed (fast to slow)
6	**Color Wheel**	000 006	White
		007 013	Yellow
		014 020	Pink
		021 027	Green
		028 034	Red
		035 041	Light Blue
		042 048	Kelly Green
		049 055	Orange
		056 064	Dark Blue
		065 071	White + Yellow
		072 078	Yellow + Pink
		079 085	Pink + Green
		086 092	Green + Red
		093 099	Red + Light Blue
		100 106	Light Blue + Kelly Green
		107 113	Kelly Green + Orange
		114 120	Orange + Dark Blue
		121 127	Dark Blue + White
		128 191	Color cycling rainbow with increasing speed
		192 255	Reverse color cycling rainbow with increasing speed
7	**Gobo Wheel**		
		064 071	Gobo 7 shake (slow to fast)
		072 079	Gobo 6 shake (slow to fast)
		080 087	Gobo 5 shake (slow to fast)
		088 095	Gobo 4 shake (slow to fast)
		096 103	Gobo 3 shake (slow to fast)
		104 111	Gobo 2 shake (slow to fast)
		112 119	Gobo 1 shake (slow to fast)
		120 127	Open
		128 191	Cycle effect with increasing speed
		192 255	Reverse cycle effect with increasing speed
8	**Gobo Rotation**	000 007	No function
		008 119	Rotation effect with increasing speed
		120 231	Reverse rotation effect with increasing speed
		232 255	Gobo bounce

DMX13CH (cont.)

Channel	Function	Value	Percent/Setting
9	Prism	000 015	Open
		016 255	Prism on
10	Dimmer	000 255	0–100%
11	Shutter	000 003	Closed
		004 007	Open
		008 215	Strobe effect with increasing speed
		216 255	Open
12	Special Function	000 007	No function
		008 027	Blackout while pan/tilt moving
		028 047	Blackout while moving gobo wheel
		048 067	Disable blackout while pan/tilt/moving gobo wheel
		068 087	Blackout while moving color wheel
		088 107	Disable blackout while pan/tilt/moving color wheel
		108 127	Disable blackout while moving gobo/color wheel
		128 147	Disable blackout while pan/tilt/moving gobo/moving color wheel
		148 157	Reset pan
		158 167	Reset tilt
		168 177	Reset color wheel
		178 187	Reset gobo wheel
		188 197	Reset prism
		198 207	Reset all channels
		208 255	No function
13	Pan/Tilt Macros	000 007	No function
		008 023	Automatic movement 1
		024 039	Automatic movement 2
		040 055	Automatic movement 3
		056 071	Automatic movement 4
		072 087	Automatic movement 5
		088 103	Automatic movement 6
		104 119	Automatic movement 7
		120 135	Automatic movement 8
		136 151	Sound-active movement 1
		152 167	Sound-active movement 2
		168 183	Sound-active movement 3
		184 199	Sound-active movement 4
		200 215	Sound-active movement 5
		216 231	Sound-active movement 6
		232 247	Sound-active movement 7
		248 255	Sound-active movement 8

DMX8CH

Channel	Function	Value	Percent/Setting
1	**Pan**	000 255	0–540°
2	**Tilt**	000 255	0–270°
3	**Color Wheel**	000 006	White
		007 013	Yellow
		014 020	Pink
		021 027	Green
		028 034	Red
		035 041	Light Blue
		042 048	Kelly Green
		049 055	Orange
		056 064	Dark Blue
		065 071	White + Yellow
		072 078	Yellow + Pink
		079 085	Pink + Green
		086 092	Green + Red
		093 099	Red + Light Blue
		100 106	Light Blue + Kelly Green
		107 113	Kelly Green + Orange
		114 120	Orange + Dark Blue
		121 127	Dark Blue + White
		128 191	Color cycle rainbow with increasing speed
		192 255	Reverse color cycle rainbow with increasing speed
4	**Gobo Wheel**		
		064 071	Gobo 7 shake (slow to fast)
		072 079	Gobo 6 shake (slow to fast)
		080 087	Gobo 5 shake (slow to fast)
		088 095	Gobo 4 shake (slow to fast)
		096 103	Gobo 3 shake (slow to fast)
		104 111	Gobo 2 shake (slow to fast)
		112 119	Gobo 1 shake (slow to fast)
		120 127	Open
		128 191	Cycle effect with increasing speed
		192 255	Reverse cycle effect with increasing speed
5	**Gobo Rotation**	000 007	No function
		008 119	Rotation effect with increasing speed
		120 231	Reverse rotation effect with increasing speed
		232 255	Gobo bounce

DMX8CH (cont.)

Channel	Function	Value	Percent/Setting
6	Prism	000 015	Open
		016 255	Prism on
7	Dimmer	000 255	0–100%
8	Shutter	000 003	Closed
		004 007	Open
		008 215	Strobe effect with increasing speed
		216 255	Open

Configuration (Standalone)

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

- Connect the product to power.

Never connect a product that is operating in any standalone mode (either Automatic or Sound-Active) 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.

Sound-Active Mode

To enable the Sound-Active mode, do the following.

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Sound**.
5. Press **<ENTER>**.

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

Sound Sensitivity

To set the sound sensitivity, do the following.

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Sensitivity**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **001–100**, low to high.
7. Press **<ENTER>**.

Automatic Mode

To enable the Automatic mode, follow the instructions below:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Auto**.
5. Press **<ENTER>**.

Totem Mode

To activate the Totem Mode, do the following:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Totem Mode**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to choose **OFF**, **DOWN**, or **UP**.
7. Press **<ENTER>**.

Manual Test Mode

To test or control any function of the Intimidator™ Spot 255 IRC through the LCD display menu, follow the instructions below:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Manual Test**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select the function to test or control, from the options: **Pan**, **Pan Fine**, **Tilt**, **Tilt Fine**, **P/T Speed**, **Color**, **Gobo**, **Gobo Rot**, **Prism**, **Dimmer**, **Shutter**, **Special Functions**, and **P/T Macros**.
7. Press **<ENTER>**.
8. Use **<UP>** or **<DOWN>** to change the value of the selected function, from **000–255**.

   NOTE: For information regarding what each value range does for each function, see the DMX Assignments for 13CH Mode.

Pan/Tilt Orientation

To select whether the Intimidator™ Spot 255 IRC will operate with normal panning or inverted panning, do the following.

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Pan Reverse**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **ON** or **OFF.**
7. Press **<ENTER>**.

To select whether the Intimidator™ Spot 255 IRC will operate with normal tilting or inverted tilting, do the following:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Tilt Reverse**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **ON** or **OFF**.
7. Press **<ENTER>**.

Pan/Tilt Angle Range

The user can select the range for the pan and tilt angles on the Intimidator™ Spot 255.

To select which pan angle range to use, do the following.

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Pan Angle**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **540**, **360**, or **180**.
7. Press **<ENTER>**.

To select which tilt angle range to use, do the following.

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Tilt Angle**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **270**, **180**, or **090**.
7. Press **<ENTER>**.

Display

The user can flip the LED display for easy readability in any mounting situation.

To select the display orientation:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Screen Reverse**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **ON** or **OFF.**
7. Press **<ENTER>**.

Reset Options

The **Reset** option will restart the product, but does not change any settings. Using the **Factory Set** option will clear out all customized settings and return the settings to the factory defaults To reset the software on the Intimidator™ Spot 255 IRC, do the following:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to choose **Reset** or **Factory Set**.
5. Press **<ENTER>**.

System Information

To view information about the Intimidator™ Spot 255 IRC:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Sys Info**.
3. Press **<ENTER>**. The current information about the product will show on the display.

Master/Slave Mode

The Master/Slave mode allows a single Intimidator™ Spot 255 IRC (the master) to control the actions of one or more Intimidator™ Spot 255 IRC products (the slaves) without the need of a DMX controller. The master will be set to operate in either Automatic or Sound-Active mode, while the slaves will be set to operate in Slave mode. Once set and connected, the slaves will operate in unison with the master.

Configure the products as indicated below.

Slaves:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to choose **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Slave**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Slave1**, **Slave2**, **Slave3**, or **Slave4**.
   - Select **Slave1** for 100% synchronized actions.
   - Select **Slave2**, **Slave3**, **or Slave4** for a delayed show with all heads in the same direction but with a delay creating a wave effect.
7. Press **<ENTER>**.
8. Connect the DMX input of the first slave product to the DMX output of the master.
9. Connect the DMX input of the subsequent slaves to the DMX output of the previous slave.
10. Finish setting and connecting all the slaves.

Master:

1. Set the master to operate in either Automatic or Sound-Active mode.
2. Make the master the first product in the DMX daisy chain.

When including Intimidator™ Spot LED 250 products in Master/Slave configuration with Intimidator Spot 255 IRC products, you must observe the following:



- **When the Intimidator™ Spot LED 250 is the master and the Intimidator™ Spot 255 IRC is connected as a slave, the Intimidator™ Spot 255 IRC must be set to DMX mode with a starting address of 001. DO NOT set the Intimidator™ Spot 255 IRC in Slave mode when an Intimidator™ Spot LED 250 is the master.**
- **The Intimidator™ Spot 255 IRC will not operate as the master to an Intimidator™ Spot LED 250 connected as a slave.**

- **Configure all the slaves before connecting the master to the DMX 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 slave units to the master.**

IR Mode

IR mode allows the product to be controlled with an infrared remote controller. The IRC-6 can remotely set the product to various modes; adjust the color, speed and sensitivity; and set the strobe.

To set the product to IR mode, do the following:

1. Make sure the product is plugged into a power source and not connected to a DMX cable.
2. Press **<MENU>**.
3. Use **<UP>** or **<DOWN>** to choose **Run Mode**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to choose **IR**.
6. Press **<ENTER>** and the IR indicator on the front of the Intimidator Spot 355Z IRC lights up.

IRC-6 Operation

Be sure the IRC-6 remote is pointing directly at the product and there is nothing in between the remote and the product.

Some of the buttons on the remote work differently than what is indicated on their labels. For example:

- **<MANUAL> changes the Gobo pattern.**
- **<FADE> changes the color.**
- **<R>, <G>, <B>, <A> and <W> control other manual functions.**

Please read the next section carefully.



The list below describes which features each button controls.

- **<BLACKOUT>** - Turns LED on and off.
- **<AUTO>** - Activates Auto mode. Use the **<+>** and **<->** buttons to cycle through Auto modes.
- **<SOUND>** - Activates Sound mode.
- **<STROBE>** - Activates the strobe. Use the **<+>** and **<->** buttons to cycle through strobe speeds.
- **<SPEED>** - Adjusts the movement speed. Use the **<+>** and **<->** buttons to cycle through movement speeds.
- **<SENSITIVITY>** - Adjusts sound sensitivity. Use the **<+>** and **<->** buttons to cycle through sound sensitivity levels.
- **<%>** - Adjusts the brightness of the LEDs. Use the **<+>** and **<->** buttons to increase or decrease the brightness of the LEDs.
- **<MANUAL>** - Changes the Gobo pattern. Use the **<+>** and **<->** buttons to scroll through the GOBO options.
- **<FADE>** Changes the color. Use the **<+>** and **<->** buttons to scroll through the color options.
- **<R>** - Activates color wheel rotation control. Use the **<+>** and **<->** buttons to increase or decrease rotation speed.
- **<G>** - Activates Gobo wheel rotation control. Use the **<+>** and **<->** buttons to increase or decrease rotation speed.
- **<B>** - Activates color and Gobo auto mode, independent from movement.
- **<A>** - Activates pan and tilt control. Press **<A>** to toggle pan and tilt, and use the **<+>** and **<->** buttons to increase or decrease pan or tilt values.
- **<W>** - Activates prism control. Use the **<+>** and **<->** buttons to set prism value, **0–15** for off, **16–255** for on.
- **<+>** - Increases values for controls as described above.
- **<->** - Decreases values for controls as described above.
- **<0>–<9>** - Activates specific Auto modes. Can be used as a shortcut for the combination of the **<AUTO>** button and the **<+>** and **<->** buttons.
- **<UV>** or **<P>** - No function with this product.

Zero Adjust Mode

The Intimidator™ Spot 255 IRC contains a passcode-protected mode which allows you to calibrate and adjust several of the product's operating parameters.

In order to access this mode, do the following:

1. Press and hold **<MENU>** for at least 10 seconds.
2. Use **<UP>** and **<DOWN>** to enter the passcode: **2323**.
3. Press **<ENTER>.**

In this mode there are several options for adjustment:

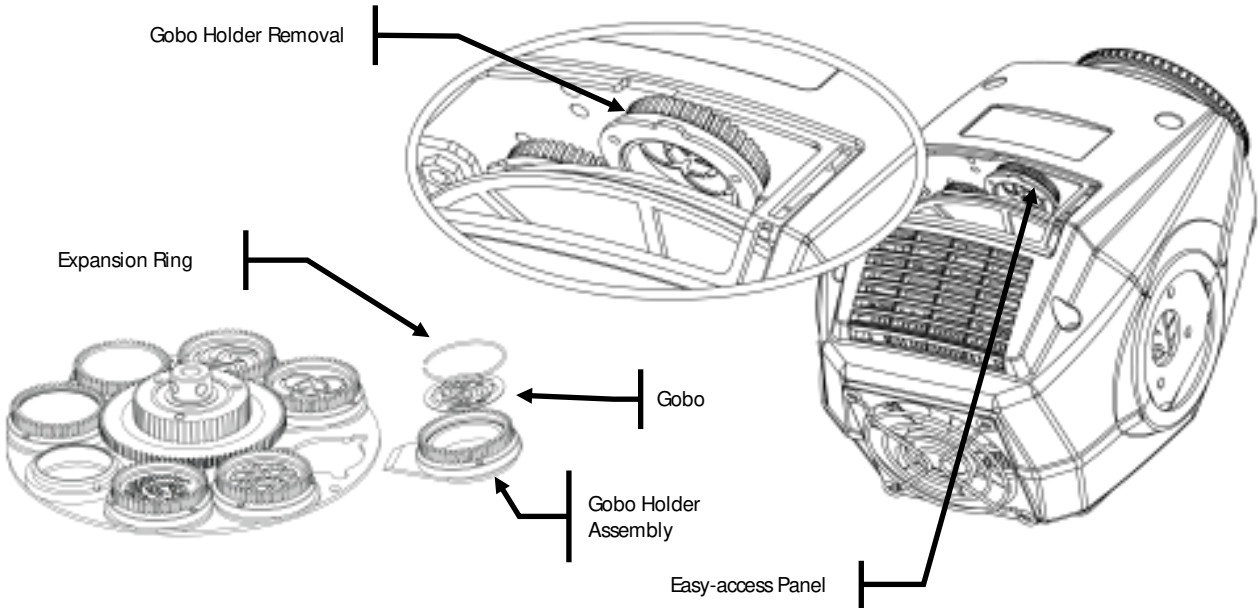
Parameter	Default	Description
Pan	**128**	Manually adjust the starting pan angle
Tilt	**095**	Manually adjust the starting tilt angle
Gobo	**120**	Manually adjust the gobo wheel starting position
Color	**128**	Manually adjust the color wheel starting position
Prism	**128**	Manually adjust the prism starting position
LED	**000**	Manually adjust the starting brightness of the LED

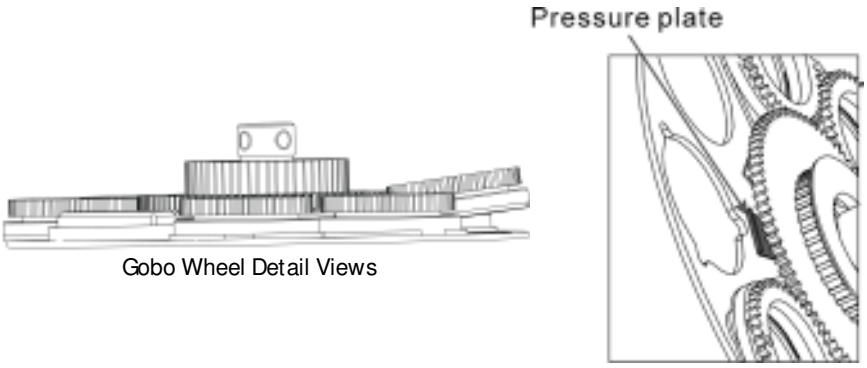
Changing Gobos

To change the gobos in the Intimidator™ Spot 255 IRC, do not remove the gobo wheel. Simply:

1. Disconnect product from power outlet.
2. Place the product on a flat, level surface with the front facing up.
3. Access the gobo plate by removing the cover on the moving head. By hand, gently push downward on the cover, in the direction of the debossed arrowhead on the cover.
4. Rotate the gobo wheel until the gobo that needs replacing is accessible.
5. Separate the gobo holder assembly away from the gobo wheel by pushing it forward and up. Be careful not to push the gobo out of the gobo plate.
6. Extract the gobo holder by pulling it backwards out of the product.
7. On a flat surface, remove the expansion ring that holds the gobo in place and remove the gobo from the gobo plate.
8. Insert a new gobo and hold it in place with the expansion ring.
9. To re-insert the new gobos, slide the tip of the gobo holder under the pressure plate near the center of the gobo wheel.
10. Push the gobo holder assembly inwards. DO NOT force the gobo holder into the gobo wheel slot. Slightly move the holder from side-to-side if needed to get it to seat properly. If correctly installed, the bottom of the holder will be flush with the gobo wheel.
11. Push cover back into position.

Gobo Replacement Diagram





Gobo Wheel Detail Views

6. TECHNICAL INFORMATION

Product Maintenance

Dust build up reduces light output performance and can cause overheating. This can lead to reduction of the light source's life. To maintain optimum performance and minimize wear, you should clean your 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 glass/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 glass/transparent surface.
7. Gently polish the glass/transparent surfaces until they are free of haze and lint.



Always dry the glass/transparent surfaces carefully after cleaning them.



Do not spin the cooling fans using compressed air because you could damage them.

7. TECHNICAL SPECIFICATIONS

Dimensions and Weight

Length	Width	Height (pointing upward)	Weight
8.3 in (211 mm)	9.1 in (232 mm)	13.2 in (337 mm)	12.6 lb (5.7 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

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	98 W	95 W
Operating	1.4 A	0.8 A
Power linking current (units)	8 A (6 units)	8 A (10 units)
Fuse	F 3 A, 250 V	F 3 A, 250 V

Power I/O	US/Worldwide	UK/Europe
Power input connector	IEC	IEC
Power output connector	Edison	IEC
Power Cord plug	Edison (US)	Local plug

Light Source

Type	Power	Lifespan
LED	60 W	50,000 hours

Color	Quantity	Current
White	1	2.3 A

Photometrics

Parameter		
Illuminance	10,420 lux @ 2 m	
Beam angle	15°	
Strobe Rate	0 to 20 Hz	
Pan and Tilt	540° Pan	270° Tilt
Pan/Tilt Ranges	540°, 360°, 180° Pan	270°, 180°, 90° Tilt
Gobo Size	24 mm outside 20 mm image 1.1 mm maximum thickness	

Thermal

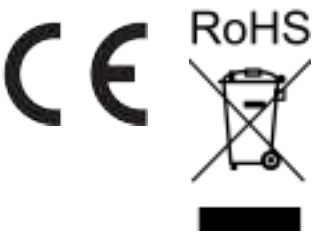
Maximum External Temp.	Cooling System
104 °F (40 °C)	Fan-cooled

DMX

I/O Connectors	Connector Type	Channel Range
3-pin XLR	Sockets	8 or 13

Ordering

Product Name	Item Code	UPC Number
Intimidator™ Spot 255 IRC	08010959	781462213077



To return a product or request support:

- In the U.S., contact Chauvet World Headquarters (See Contact Us).
- In the UK or Ireland, contact Chauvet Europe Ltd. (See Contact Us).
- In Mexico, contact Chauvet Mexico. (See Contact Us).
- In Benelux, contact Chauvet Europe BVBA. (See Contact Us).
- In any other country, DO NOT contact Chauvet. Instead, contact your lighting distributor. See www.chauvetlighting.com for distributors outside the U.S., UK, Ireland, Mexico, or Benelux.



Outside the U.S., UK, Ireland, Mexico, or Benelux, contact your distributor and follow their instructions on how to return Chauvet products to them. Visit our website for contact details.

Returns

Call the corresponding Chauvet Technical Support office and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause for the return.

You must send the merchandise prepaid, in its original box, and with its original packing and accessories. Chauvet will not issue call tags.

Clearly label the package with the RMA number. Chauvet will refuse any product returned without an RMA number.



Write the RMA number on a properly affixed label. DO NOT write the RMA number directly on the box.

Before sending the product, clearly write the following information on a piece of paper and place it inside the box:

- Your name
- Your address
- Your phone number
- RMA number
- A brief description of the problem

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be your responsibility. FedEx packing or double-boxing are recommended.



Chauvet reserves the right to use its own discretion to repair or replace returned product(s).

CONTACT US

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Email: **tech@chauvetlighting.com**

World Wide Web **www.chauvetlighting.com**

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Outside the U.S., United Kingdom, Ireland, Mexico, or Benelux, contact the dealer of record and follow their instructions to request support or to return a product. Visit the Chauvet website for contact information.