

INTIMIDATOR™

SPOT 400 IRC

User Manual

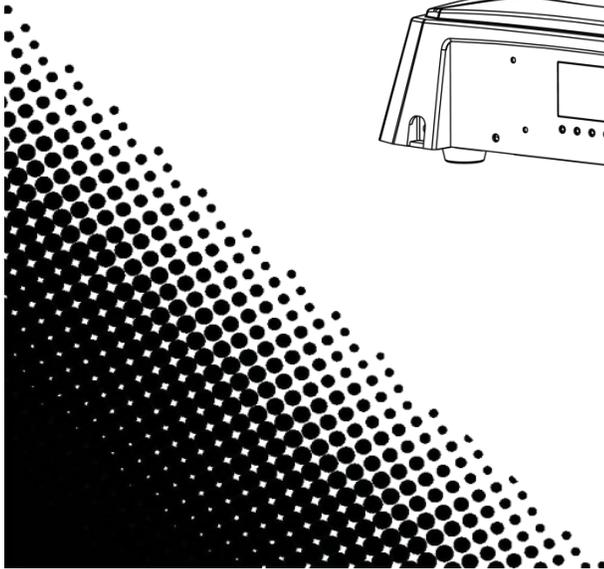
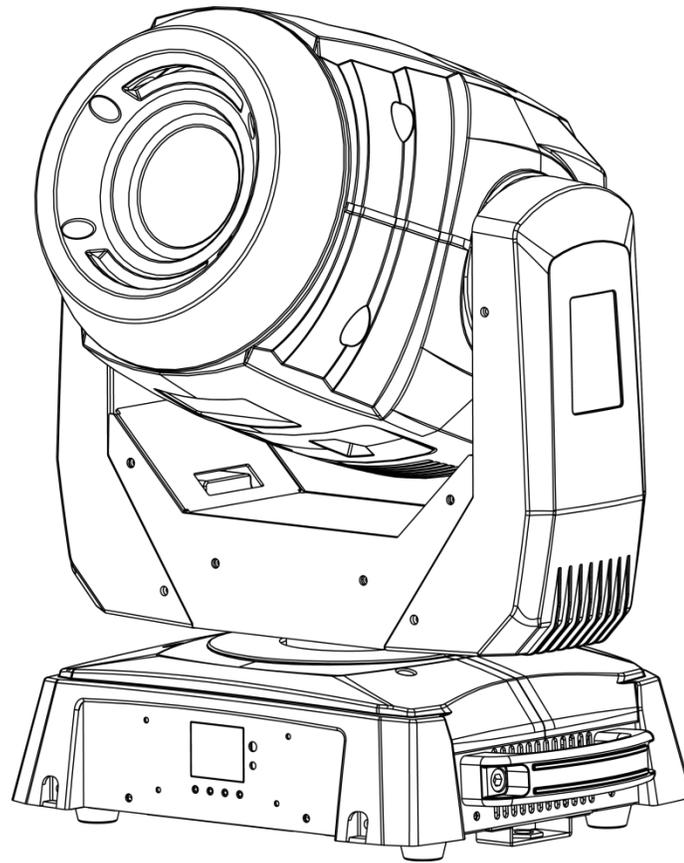


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1. BEFORE YOU BEGIN

What Is Included

- Intimidator™ Spot 400 IRC
- Hanging Bracket with Mounting Hardware
- Warranty Card
- Quick Reference Guide

Unpacking Instructions

Carefully unpack the Intimidator™ Spot 400 IRC and check that all the parts are in the package, and are in good condition.

Claims

If the box, or any of the contents, appear damaged from shipping, save all the packaging and file a claim with the carrier immediately. Failure to report damage to the carrier immediately, or failure to save all the packaging, can invalidate a claim.

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. See [Contact Us](#).

Manual Conventions

Convention	Meaning
1—512	A range of values
50/60	A set of values
Settings	A menu option
Menu > Settings	A sequence of menu options
<Enter>	A button

Symbols

Convention	Meaning
	Critical information. Ignoring it can cause malfunction, damage the product, or harm the operator.
	Important information. Ignoring it can cause the product to malfunction.
	Useful information.

Disclaimer

The information and specifications contained in this User Manual are subject to change without notice. CHAUVET® assumes no responsibility or liability for any errors or omissions, and reserves the right to revise or recreate this manual at any time. The latest version of this manual can be downloaded from <http://www.chauvetlighting.com/product-manuals-literature/>.

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L. Henry	3/27/14	A. Leon	3/28/14

Product at a Glance	Use on Dimmer	X	Auto Program	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, use, and maintenance of this product. Read these notes before using the product.



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



- This product is not intended for permanent installation.
- The product is for indoor use only! It is rated at IP20.
- Do not expose the product to rain or moisture.
- Make sure that the voltage of the product's power source is within the range stated on the label or on the rear panel of the product.
- Never connect the product to a dimmer or a rheostat.
- Make sure to replace the fuse with another fuse of the same type and rating.
- Always install the product in a location with adequate ventilation, and leave at least 20 in (50 cm) between the product and adjacent surfaces.
- Be sure that no ventilation slots on the product's housing are blocked.
- Do not operate the product in an ambient temperature higher than 104 °F (40 °C).
- Always carry the product by the hanging/mounting bracket or the carry handles.
- In the event of a serious operating problem, stop using the product immediately.
- Never try to repair the product. Repairs carried out by untrained people can lead to damage or malfunction.
- If repairs are required, contact the nearest authorized technical assistance center.
See [Contact Us](#)

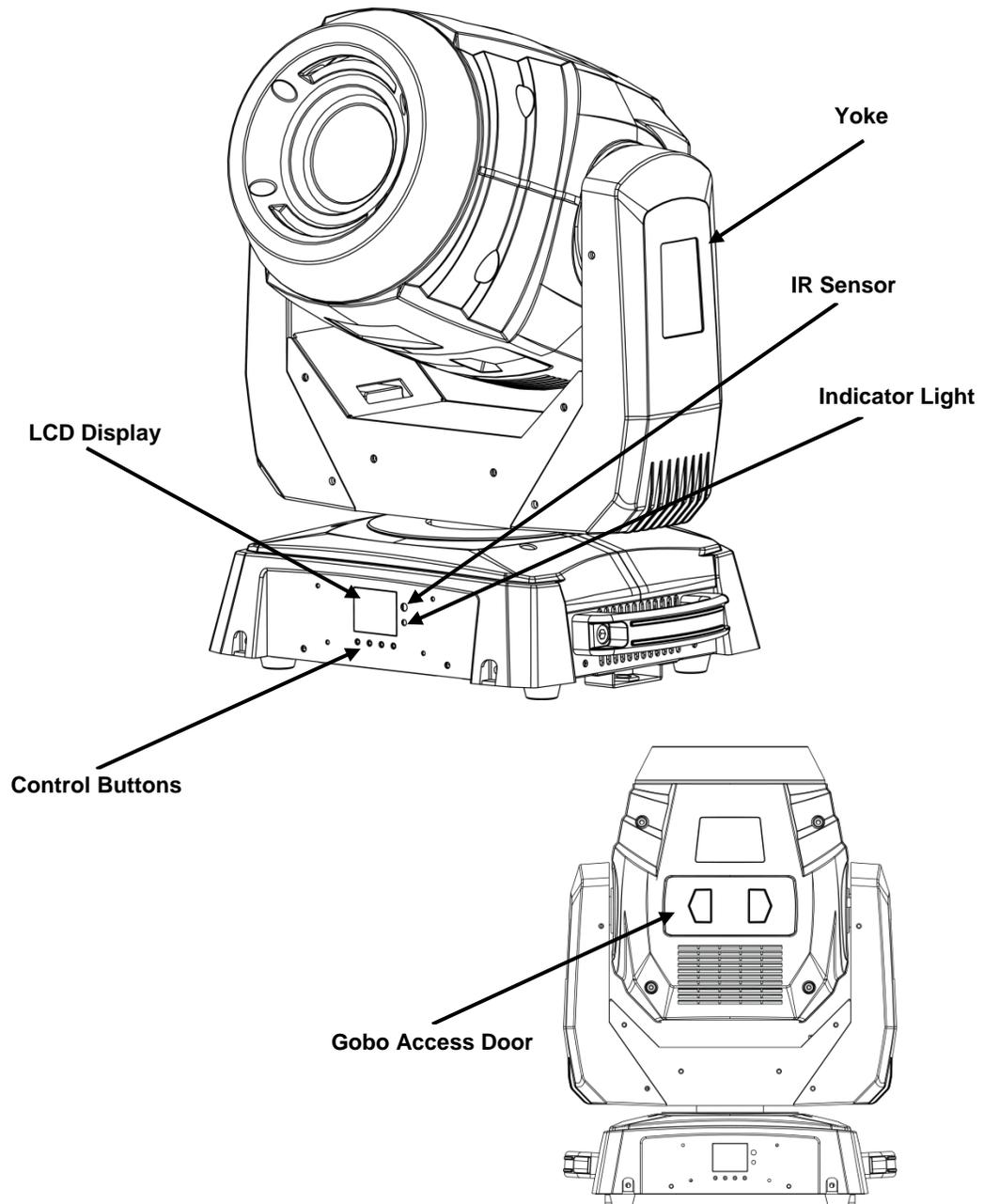


- Keep this User Manual for future reference. If the product is sold, give this manual to the next owner.

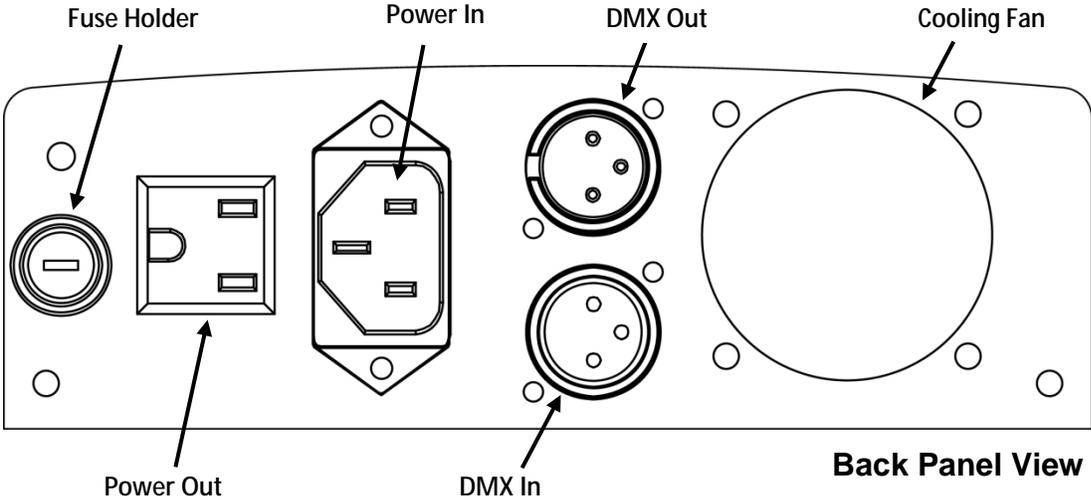
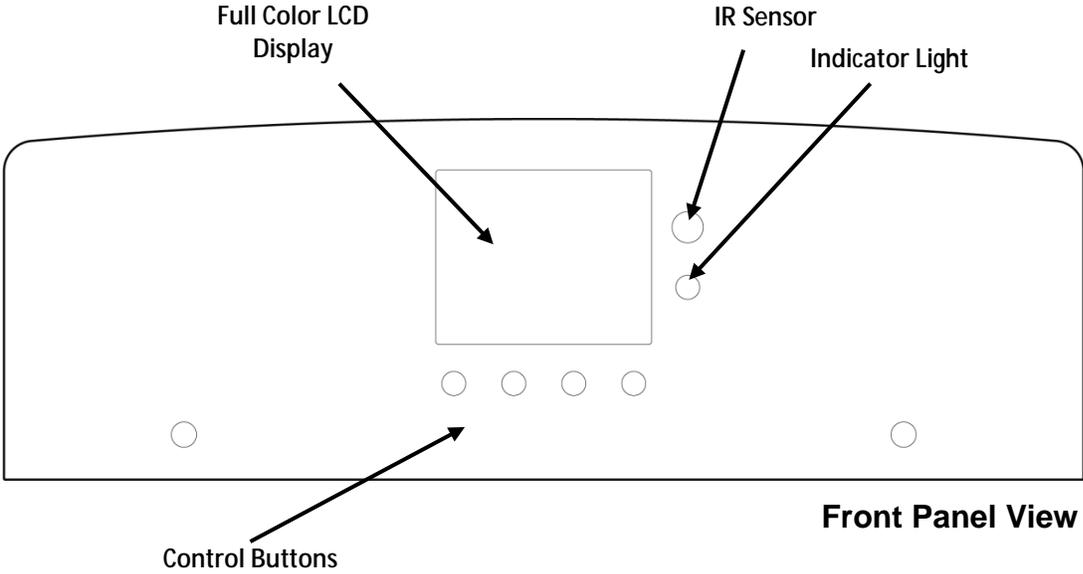
2. INTRODUCTION

The Intimidator™ Spot 400 IRC is an exceptionally bright, 140-W LED moving head spot designed for large events. It has eight attractive and colorful rotating gobos and a gobo access door for easily installing custom gobos. The motorized focus and 3-facet rotating prism provide the tools to make a variety of looks and cover both large and small areas with light and color. The Intimidator™ Spot 400 IRC has an attractive and easy-to-use menu and a crisp full color LCD display. The Intimidator™ Spot 400 IRC can be operated in Standalone mode, and control options available are via either a DMX controller or the optional CHAUVET® IRC-6 wireless remote. The Intimidator™ Spot 400 IRC fits best in the CHS-50 VIP Gear Bag from CHAUVET®.

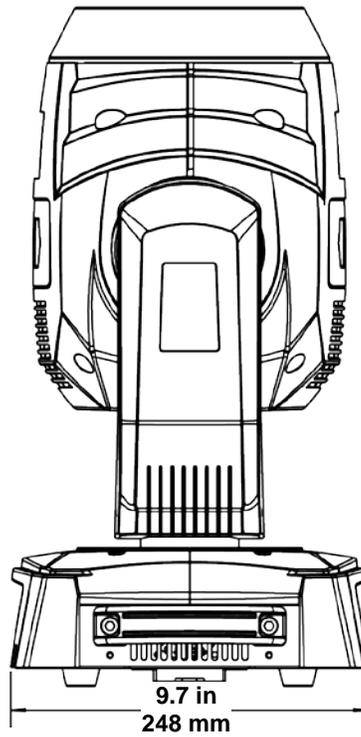
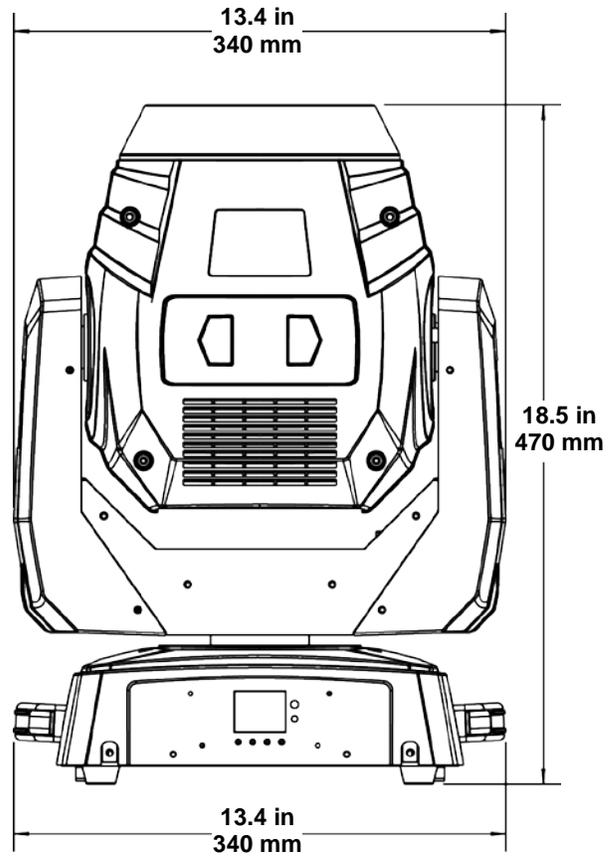
Overview



Front and Back Panels



Dimensions



3. SETUP

AC Power The Intimidator™ Spot 400 IRC has an internal auto-ranging power supply that works 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 [Technical Specifications](#) in this manual. The current rating that is listed indicates the product's average current draw under normal conditions.

For more information about circuit breakers, download Sizing Circuit Breakers from the CHAUVET® website: www.chauvetlighting.com/download/.



Always connect the product to a protected circuit (circuit breaker or fuse). Make sure the product has an appropriate electrical ground.

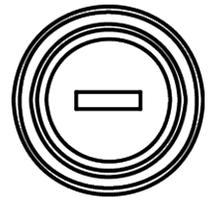


Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

Fuse Replacement

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

For information about the type of fuse to use with this product, refer to [Technical Specifications](#).



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

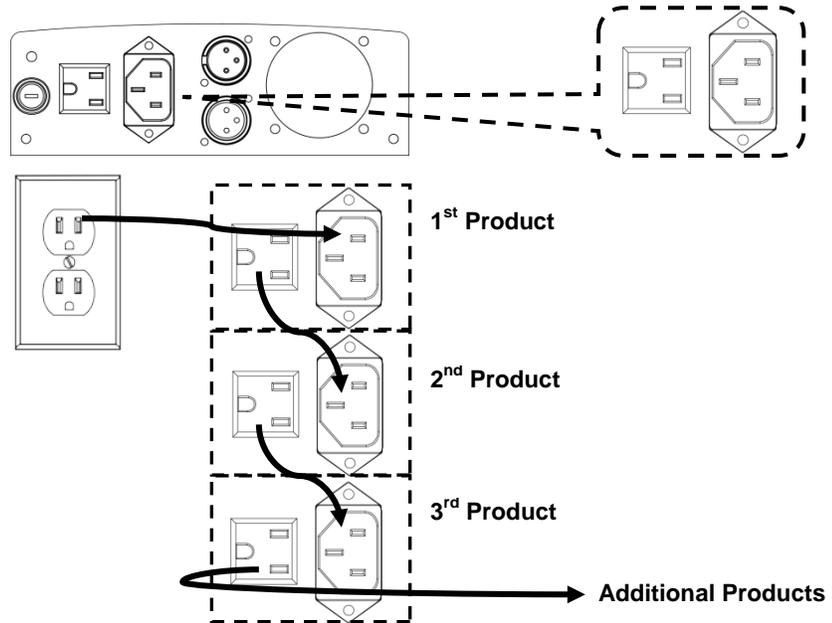
Power Linking

Power linking is connecting products together through their Power In and Power Out sockets. Power linking allows many products to be powered from one power outlet.

Up to 5 Intimidator™ Spot 400 IRCs can be power linked at 120 V and up to 10 Intimidator™ Spot 400 IRCs can be power linked at 230 V.

The diagram below illustrates the power-linking process.

Power Linking Diagram



Do not power link more than 5 Intimidator™ Spot 400 IRC at 120 V.

Do not power link more than 10 Intimidator™ Spot 400 IRC at 230 V.



The diagram above shows the North American version of the product only! If using this product anywhere other than North America, consult with the local CHAUVET® distributor because power linking connectors and requirements differ from country to country, and region to region

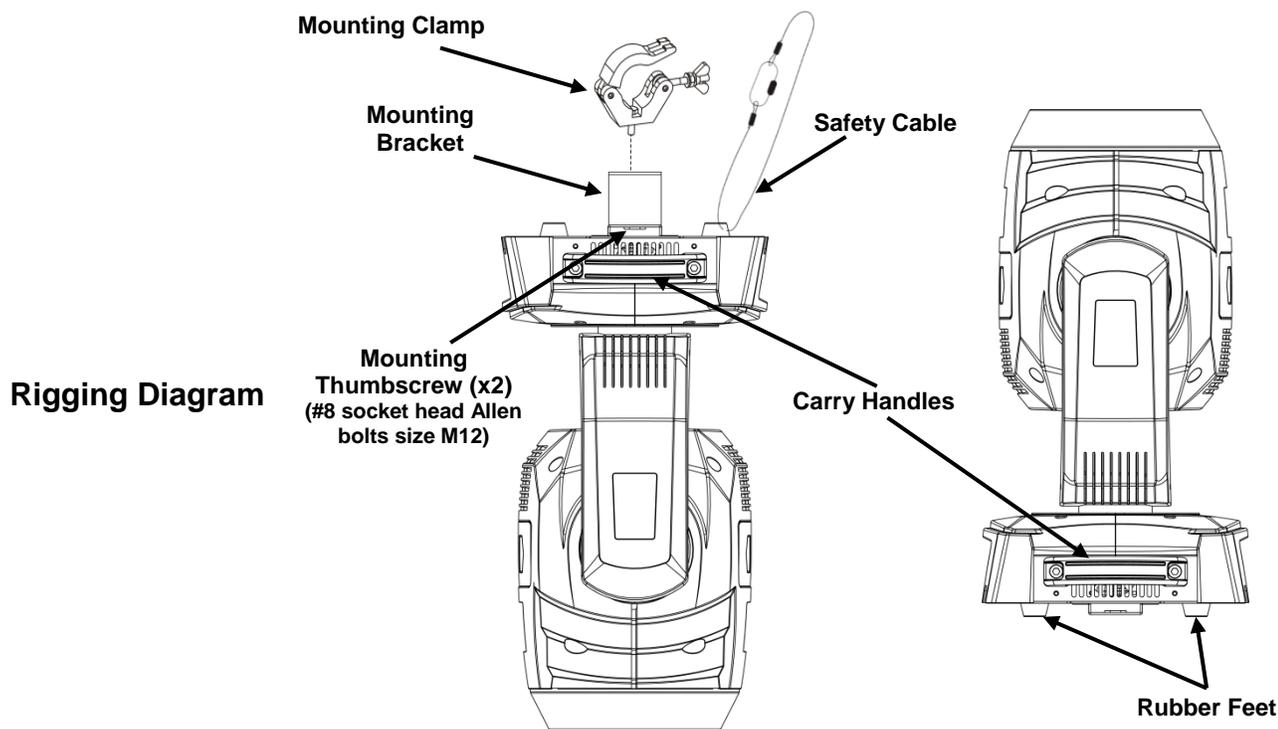
Mounting Before mounting the product, read and follow the safety recommendations in [Safety Notes](#). Be sure to use a clamp that is rated for the product's weight. For the product's weight, see [Technical Specifications](#). For the CHAUVET® line of mounting clamps go to www.chauvetlighting.com/cables-clamps-main.html/

Orientation The Intimidator™ Spot 400 IRC is designed to hang from a pipe or truss at any angle or to sit on its rubber feet on a horizontal surface. Place the product so there is at least 20 inches of space around it and the control panel is accessible.

Rigging Rig the product from a structure or surface that can support its weight. For the product's weight, see [Technical Specifications](#).

When mounting the product overhead, always use a mounting clamp and safety cable, and attach the product securely to a rigging point such as a pipe or truss. The CHAUVET® **CH-05** safety cable and the CHAUVET® **CLP-15** clamp are appropriate for this product. The mounting bracket has a 13-mm hole and 13-mm wide slots which are appropriate for this purpose.

When placing the product on a horizontal surface, make sure the surface can support the product's weight. If the surface is overhead, secure the product with a safety cable. Make sure that the product is protected from people and objects.



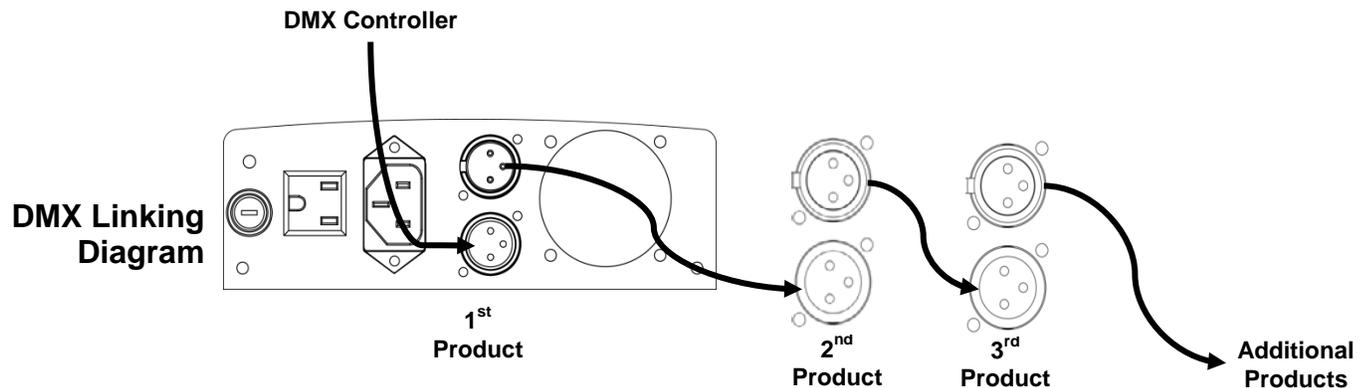
When using only one mounting clamp, be sure to use a clamp with a captive bolt to prevent accidental loosening.

DMX Linking DMX linking is connecting products together through their DMX In and DMX Out sockets. DMX linking allows many products to be controlled by a single DMX control source.

The Intimidator™ Spot 400 IRC operates in Master/Slave mode, and in DMX Control mode, both of which require DMX linking. In Master/Slave mode the master product sends DMX signals to the slaves. In DMX Control mode the lighting control board sends DMX signals to all the products that are DMX linked (daisy chained).

To DMX link a number of Intimidator™ Spot 400 IRC, connect the DMX cable from the DMX Out of the master, or the lighting control board, to the DMX In of the first product in the daisy chain. Then connect another DMX cable from the DMX Out of the first product in the daisy chain to the DMX In of the next product.

Continue connecting each subsequent product until all the products are part of the chain.



When DMX linking Intimidator™ Spot 400 IRC products for Master/Slave operation, the DMX controller is not a part of the DMX daisy chain and the master is the first product in the chain. See [Master/Slave Configuration](#) for details.

Do not link more than 32 products into a single DMX chain.

4. OPERATION

Control Panel Descriptions To access the control panel menu functions, use the four buttons underneath the display.

Button	Function
<MENU>	Enters or exits from a menu function
<UP>	Navigates up through a list or increases a numeric value
<DOWN>	Navigates down through a list or decreases a numeric value
<ENTER>	Enters into a menu function or sets the currently shown value



After using the control panel, there is a 30 second delay before the display returns to showing either the current DMX address and personality, or the current operating mode.

If the display goes blank after 30 seconds, it is because the Display option is set to OFF. To set the Display option to ON go to Menu > Setup > Display and change the value to ON. For more information see [Display ON/OFF](#).

Menu Map The Menu Map outlines the functions available through the control panel menu, the programming levels that can be entered, and a description for each function.

Main Function	Programming Levels		Description
Address	001–512		DMX starting address
Run Mode	DMX	14CH	DMX personality
		08CH	
	Auto		Auto mode
	Sound		Sound mode
	Slave		Slave mode
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	Upside-down display
	Pan Angle	540	540° pan angle range
		360	360° pan angle range
		180	180° pan angle range
	Tilt Angle	270	270° tilt angle range
		180	180° tilt angle range
		090	90° tilt angle range
	Sensitivity	001–100	Sound sensitivity
	Reset		Resets the product
	Factory Set		Loads factory defaults
Sys Info	Ver: VX.X		Shows the software version
	Running Mode: XXXXX		Shows the current running mode
	DmxAddress: XXX		Shows the current DMX address
	Temperature: XXX		Shows the LED temperature in Celsius

DMX Configuration

DMX configuration prepares the Intimidator™ Spot 400 IRC for use with a DMX lighting control board. To configure the product for DMX, it must be put into DMX mode, in a specific DMX personality, and be assigned a DMX starting address. Most products have more than one DMX personality. In general the personality with more channels offers more control options. The DMX starting address is used to identify the product from the lighting control board.

The following sections describe how to configure the Intimidator™ Spot 400 IRC for use with a DMX controller.

For more information about DMX, see the CHAUVET® DMX Primer, available at http://www.chauvetlighting.com/downloads/DMX_Primer_Rev6_WO.pdf

For information on available lighting controllers, see the CHAUVET® website at http://www.chauvetlighting.com/dj-club_controllers.html.

DMX Personalities

The Intimidator™ Spot 400 IRC has 2 DMX personalities: a 14-channel personality and an 8-channel personality.

To put the Intimidator™ Spot 400 IRC into DMX mode and set the DMX personality, do the following:

1. Press **<MENU>** repeatedly until 4 icons show on the display.
2. Use **<UP>** or **<DOWN>** to highlight the **Run Mode** icon.
3. Press **<ENTER>**. The **Run Mode** options show on the display.
4. Use **<UP>** or **<DOWN>** to highlight **DMX**.
5. Press **<ENTER>**. A green dot shows on the **DMX** option line and the characters **8CH** or **14CH** show in green.
6. Use **<UP>** or **<DOWN>** to switch between **08CH** and **14CH**.
7. Press **<ENTER>** to select the DMX personality shown.

DMX Starting Address

When selecting a starting DMX address, always consider the number of DMX channels needed for the selected DMX personality. Choosing a starting address that is too high can restrict access to some of the product's channels.

The Intimidator™ Spot 400 IRC uses either 8 or 14 channels, depending on the personality. The highest configurable DMX address in 8-channel mode is **505**. The highest configurable DMX address in 14-channel mode is **499**.

For more information about DMX, download the CHAUVET® DMX Primer from the CHAUVET® website at http://www.chauvetlighting.com/downloads/DMX_Primer_Rev6_WO.pdf.

To set the DMX starting address, do the following:

1. If the display shows a number from **001–512**, go to step 5.
2. Press **<MENU>** repeatedly until 4 icons show on the display.
3. Use **<UP>** or **<DOWN>** to highlight **Address**.
4. Press **<ENTER>**. A number from **001–512** shows on the display.
5. Use **<UP>** or **<DOWN>** to change the number to the desired DMX starting address.
6. Press **<ENTER>** to select the DMX starting address.

DMX Channel Assignments The DMX Channel Assignments table below shows which DMX channels are used to control which functions. Be sure to become familiar with these values when operating the product with a DMX controller.

14CH	Channel	Function	Value	Percent/Setting
	1	Pan	000 ó 255	0 to 540°
	2	Fine Pan	000 ó 255	Fine control of panning
	3	Tilt	000 ó 255	0 to 270°
	4	Fine Tilt	000 ó 255	Fine control of tilting
	5	Speed	000 ó 255	Pant/Tilt speed (fast to slow)
	6	Color Wheel	000 ó 007	White
			008 ó 015	Dark Blue
			016 ó 023	Yellow
			024 ó 031	Pink
			032 ó 039	Green
			040 ó 047	Red
			048 ó 055	Light Blue
			056 ó 063	Orange Red
			064 ó 071	White + Dark Blue
			072 ó 079	Dark Blue + Yellow
			080 ó 087	Yellow + Pink
			088 ó 095	Pink + Green
			096 ó 103	Green + Red
			104 ó 111	Red + Light Blue
			112 ó 119	Light Blue + Orange Red
			120 ó 127	Orange Red + White
			128 ó 191	Rainbow effect with increasing speed
	192 ó 255	Reverse rainbow effect with increasing speed		

14CH (Cont.)	Channel	Function	Value	Percent/Setting
			 0-7	 8-15
			 16-23	 24-31
			 32-39	 40-47
			 48-55	 56-63
	7	Gobo Wheel	064 ó 071	Gobo 7 shake, slow to fast
			072 ó 079	Gobo 6 shake, slow to fast
			080 ó 087	Gobo 5 shake, slow to fast
			088 ó 095	Gobo 4 shake, slow to fast
			096 ó 103	Gobo 3 shake, slow to fast
			104 ó 111	Gobo 2 shake, slow to fast
			112 ó 119	Gobo 1 shake, slow to fast
			120 ó 127	Open
			128 ó 191	Cycle effect with increasing speed
			192 ó 255	Reverse cycle effect with increasing speed
	8	Gobo Rotation	000 ó 063	Indexing
			064 ó 147	Rotation with increasing speed
			148 ó 231	Reverse rotation with increasing speed
			232 ó 255	Boomerang with increasing speed
	9	Prism	000 ó 007	No function
			008 ó 012	Prism on
			013 ó 130	Prism rotation with increasing speed
			131 ó 247	Reverse prism rotation with increasing speed
			248 ó 255	Static prism effect
	10	Focus	000 ó 255	In to out
	11	Dimmer	000 ó 255	0 to 100%
	12	Shutter	000 ó 003	Closed
			004 ó 007	Open
			008 ó 076	Strobe effect with increasing speed
			077 ó 145	Pulse strobe with increasing speed
			146 ó 215	Random shutter with increasing speed
			216 ó 255	Open

14CH cont.	Channel	Function	Value	Percent/Setting
13	13	Control Functions	000 ó 007	No function
			008 ó 015	Blackout while panning/tilting
			016 ó 023	Blackout while moving color wheel
			024 ó 031	Blackout while moving gobo wheel
			032 ó 039	Blackout while panning/tilting/moving color wheel
			040 ó 047	Blackout while panning/tilting/moving gobo wheel
			048 ó 055	Blackout while moving all options
			056 ó 095	No function
			096 ó 103	Reset pan
			104 ó 111	Reset tilt
			112 ó 119	Reset color wheel
			120 ó 127	Reset gobo wheel
			128 ó 135	Reset gobo rotation
			136 ó 143	Reset prism
			144 ó 151	Reset focus
			152 ó 159	Reset all channels
			160 ó 255	No function
14	14	Auto Programs	000 ó 007	No function
			008 ó 023	Auto program 1
			024 ó 039	Auto program 2
			040 ó 055	Auto program 3
			056 ó 071	Auto program 4
			072 ó 087	Auto program 5
			088 ó 103	Auto program 6
			104 ó 119	Auto program 7
			120 ó 135	Auto program 8
			136 ó 151	Sound program 1
			152 ó 167	Sound program 2
			168 ó 183	Sound program 3
			184 ó 199	Sound program 4
			200 ó 215	Sound program 5
			216 ó 231	Sound program 6
			232 ó 247	Sound program 7
			248 ó 255	Sound program 8

08CH	Channel	Function	Value	Percent/Setting		
	1	Pan	000 ó 255	0 to 540°		
	2	Tilt	000 ó 255	0 to 270°		
	3	Color Wheel	000 ó 007	White		
			008 ó 015	Dark Blue		
			016 ó 023	Yellow		
			024 ó 031	Pink		
			032 ó 039	Green		
			040 ó 047	Red		
			048 ó 055	Light Blue		
			056 ó 063	Orange Red		
			064 ó 071	White + Dark Blue		
			072 ó 079	Dark Blue + Yellow		
			080 ó 087	Yellow + Pink		
			088 ó 095	Pink + Green		
			096 ó 103	Green + Red		
			104 ó 111	Red + Light Blue		
			112 ó 119	Light Blue + Orange Red		
			120 ó 127	Orange Red + White		
			128 ó 191	Rainbow effect with increasing speed		
	192 ó 255	Reverse rainbow effect with increasing speed				
	4	Gobo Wheel	 0-7	 8-15	 16-23	 24-31
			 32-39	 40-47	 48-55	 56-63
			064 ó 071	Gobo 7 shake, slow to fast		
			072 ó 079	Gobo 6 shake, slow to fast		
			080 ó 087	Gobo 5 shake, slow to fast		
			088 ó 095	Gobo 4 shake, slow to fast		
			096 ó 103	Gobo 3 shake, slow to fast		
			104 ó 111	Gobo 2 shake, slow to fast		
			112 ó 119	Gobo 1 shake, slow to fast		
			120 ó 127	Open		
			128 ó 191	Cycle effect with increasing speed		
			192 ó 255	Reverse cycle effect with increasing speed		

08CH (Cont.)	Channel	Function	Value	Percent/Setting
5	5	Gobo Rotation	000 ó 063	Indexing
			064 ó 147	Rotation with increasing speed
			148 ó 231	Reverse rotation with increasing speed
			232 ó 255	Boomerang with increasing speed
6	6	Prism	000 ó 007	No function
			008 ó 012	Prism on
			013 ó 130	Prism rotation with increasing speed
			131 ó 247	Reverse prism rotation with increasing speed
			248 ó 255	Static prism effect
7	7	Focus	000 ó 255	In to out
8	8	Shutter	000 ó 003	Closed
			004 ó 007	Open
			008 ó 076	Strobe effect with increasing speed
			077 ó 145	Pulse strobe with increasing speed
			146 ó 215	Random shutter with increasing speed
			216 ó 255	Open

Standalone Configuration

Standalone configuration is for operating the Intimidator™ Spot 400 IRC without a DMX controller. It is also used in Master/Slave mode.



Never connect a product operating in a standalone mode (Sound, Auto, or IR) to a DMX chain that includes a DMX controller. Products in Standalone mode can transmit DMX signals that interfere with the DMX signals from the controller.

Auto Mode

Auto mode makes the product perform a series of movement patterns and color changes.

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

1. Make sure the product is connected to a power source and not connected to a DMX controller.
2. Press **<MENU>** repeatedly until 4 icons show on the display.
3. Use **<UP>** or **<DOWN>** to highlight the **Run Mode** icon.
4. Press **<ENTER>**. The **Run Mode** options show on the display.
5. Use **<UP>** or **<DOWN>** to highlight the **Auto** option.
6. Press **<ENTER>**. The product moves and emits light.

Sound Mode

Sound mode makes the product respond to sounds and music.

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

1. Press **<MENU>** repeatedly until 4 icons show on the display.
2. Use **<UP>** or **<DOWN>** to highlight the **Run Mode** icon.
3. Press **<ENTER>**. The product moves and emits light.
4. Turn the music on. The product changes movement direction and light color to the rhythm of the music.



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

If the product is not responding to sound, increase the sensitivity. (See [Sensitivity](#).)

IR Mode

IR mode allows the product to be controlled with an infrared remote controller (IRC-6). The IRC-6 can remotely set the product to various modes as well as adjust the color, gobos, strobing, speed and sensitivity.

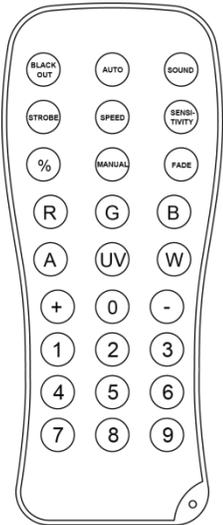
To set the product to IR mode, do the following:

1. Make sure the product is plugged into a power source and not connected to a DMX controller.
2. Press **<MENU>** repeatedly until 4 icons show on the display.
3. Use the **<UP>** or **<DOWN>** to highlight the **Run Mode** icon.
4. Press **<ENTER>**. The **Run Mode** options show on the display.
5. Use the **<UP>** or **<DOWN>** buttons to highlight the **IR** option.
6. Press **<ENTER>**. A green dot shows on the **IR** option line and the product moves and emits light.

IRC-6 Operations The IRC-6 remote provides a wider variety of Auto and Sound modes than are available directly through the product's menu. However, some of the buttons on the remote work differently than what is indicated on their labels. The next section describes the IRC-6 buttons that work with the Intimidator™ Spot 400 IRC and what they do.



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



IRC-6 Front Panel

The following IRC-6 buttons are used with the Intimidator™ Spot 400 IRC:

- **<BLACKOUT>** - turns LED on/off
- **<AUTO>** - activates Auto mode
- **<SOUND>** - activates Sound mode
- **<STROBE>** - controls strobing (0–20 Hz)
- **<SPEED>** - adjusts the speed of movement and color changes (fast to slow)
- **<SENSITIVITY>** - adjusts sound sensitivity
- **<%>** - adjusts the dimmer

Note: When adjusting the dimmer, the values go from 000–255 (0–100%) and then they cycle back around. This means the light may go suddenly from 0 at 000 to 100% at 255, so pay close attention when adjusting the dimmer.
- **<MANUAL>** - changes gobo on gobo wheel
- **<FADE/SNAP>** - changes color on color wheel
- **<R>** - activates color wheel scroll
- **<G>** - activated gobo wheel scroll
- **** - activates random gobo and color combinations
- **<+>** (plus) - increases strobe/sensitivity/dimmer/color wheel scroll/gobo wheel scroll/random gobo and color combinations
- **<->** (minus) - decreases strobe/sensitivity/dimmer/color wheel scroll/gobo wheel scroll/random gobo and color combinations
- **<0>–<9>** - activates different Auto mode programs

Master Slave Configuration

Master/Slave mode allows a single Intimidator™ Spot 400 IRC (the master) to control the actions of one or more Intimidator™ Spot 400 IRCs (the slaves) without a DMX controller.

In Master/Slave mode, the master is set to operate in Auto mode, Sound mode, or IR mode; and the slaves are set to operate in Slave mode.

The master and slaves are daisy chained through the DMX In and DMX Out sockets, with the master at the beginning of the chain. Once set and connected, the slaves operate identically to the master.

For more information about DMX daisy chains, see [DMX Linking](#).

Always put the male DMX connector into the master.



Never connect more than 31 slaves to the master.

Never connect a DMX controller to a DMX daisy chain of master and slaves.

Configure all the slaves before connecting the master to the DMX daisy chain.

Configuring the Slaves

Configure the slaves for Slave mode before or after they are put in position, but always before they are daisy-chained to the master.

To configure a slave, do the following:

1. Make sure the product is connected to a power source.
2. Press **<MENU>** repeatedly until 4 icons show on the display.
3. Use **<UP>** or **<DOWN>** to highlight the **Run Mode** icon.
4. Press **<ENTER>**. The **Run Mode** options show on the display.
5. Use **<UP>** or **<DOWN>** to highlight the **Slave** option.
6. Press **<ENTER>**. A green dot shows on the **Slave** option line.

Configuring the Master

Configure the master after all the slaves are connected to it and configured.

To configure the master, do the following:

1. Make sure the product is connected to a power source and connected to all the slaves.
2. Press **<MENU>** repeatedly until 4 icons show on the display.
3. Use **<UP>** or **<DOWN>** to highlight the **Run Mode** icon.
4. Select any of the Standalone modes as described in [Standalone Configuration](#).

Settings Configuration

The Intimidator™ Spot 400 IRC has customizable settings for its movement, speed, and display. The next section describes all the customizable settings available for the Intimidator™ Spot 400 IRC.

Pan Reverse Reversing the pan movement is useful when 2 lights are facing each other and they both need to turn towards the same place.

To reverse the pan movement do the following:

1. Press **<MENU>** repeatedly until 4 icons show on the display.
2. Use **<UP>** or **<DOWN>** to highlight the **Setup** icon.
3. Press **<ENTER>**. The **Setup** options show on the display.
4. Use **<UP>** or **<DOWN>** to highlight the **Pan Reverse** option.
5. Press **<ENTER>**. The words **ON** or **OFF** show in green.
6. Use **<UP>** or **<DOWN>** to switch between **ON** and **OFF**.
7. Press **<ENTER>** to select the setting.

Tilt Reverse Reversing the tilt movement is useful when 2 lights are facing each other and they need to point towards the space between them.

To reverse the tilt movement do the following:

1. Press **<MENU>** repeatedly until 4 icons show on the display.
2. Use **<UP>** or **<DOWN>** to highlight the **Setup** icon.
3. Press **<ENTER>**. The **Setup** options show on the display.
4. Use **<UP>** or **<DOWN>** to highlight the **Tilt Reverse** option.
5. Press **<ENTER>**. The words **ON** or **OFF** show in green.
6. Use **<UP>** or **<DOWN>** to switch between **ON** and **OFF**.
7. Press **<ENTER>** to select the setting.

Screen Reverse Reversing the screen is useful when the product is hanging upside down.

To reverse the screen do the following:

1. Press **<MENU>** repeatedly until 4 icons show on the display.
2. Use **<UP>** or **<DOWN>** to highlight the **Setup** icon.
3. Press **<ENTER>**. The **Setup** options show on the display.
4. Use **<UP>** or **<DOWN>** to highlight the **Screen Reverse** option.
5. Press **<ENTER>**. The words **ON** or **OFF** show in green.
6. Use **<UP>** or **<DOWN>** to switch between **ON** and **OFF**.
7. Press **<ENTER>** to select the setting.

Pan Angle Setting the pan angle range is useful when there is an area of the room that the product should not illuminate.

To set the range of the pan movement, do the following:

1. Press **<MENU>** repeatedly until 4 icons show on the display.
2. Use the **<UP>** or **<DOWN>** buttons to highlight the **Setup** icon.
3. Press **<ENTER>**. The **Setup** options show on the display.
4. Use the **<UP>** or **<DOWN>** buttons to highlight the **Pan Angle** option.
5. Press **<ENTER>**. The three digits to the right show in green.
6. Use **<UP>** or **<DOWN>** to select **180**, **360**, or **540**.
7. Press **<ENTER>** to select the setting.

Tilt Angle Setting the tilt angle range is useful when there is an area of the room that the product should not illuminate.

To set the range of the tilt movement, do the following:

1. Press **<MENU>** repeatedly until 4 icons show on the display.
2. Use **<UP>** or **<DOWN>** to highlight the **Setup** icon.
3. Press **<ENTER>**. The **Setup** options show on the display.
4. Use **<UP>** or **<DOWN>** to highlight the **Tilt Angle** option.
5. Press **<ENTER>**. The three digits to the right show in green.
6. Use **<UP>** or **<DOWN>** to select **90**, **180**, or **270**.
7. Press **<ENTER>** to select the setting.

Sensitivity The sensitivity setting adjusts the sensitivity of the product's microphone. If the product is not responding to the beat of the music in Sound mode, set the sensitivity to a higher number.

To adjust the sensitivity setting, do the following:

1. Press **<MENU>** repeatedly until 4 icons show on the display.
2. Use **<UP>** or **<DOWN>** to highlight the **Setup** icon.
3. Press **<ENTER>**. The **Setup** options show on the display.
4. Use **<UP>** or **<DOWN>** to highlight the **Sensitivity** option.
5. Press **<ENTER>**. The number to the right show in green.
6. Use **<UP>** or **<DOWN>** to select a sensitivity level. The least sensitive is **1** and the most sensitive is **100**.
7. Press **<ENTER>** to select the setting.

Reset Settings The Reset option will clear out all customized settings. The Factory Set option will return the settings to the factory defaults. Resetting the product can be used if the product is behaving inconsistently.

To reset the product, do the following:

1. Press **<MENU>** repeatedly until 4 icons show on the display.
2. Use **<UP>** or **<DOWN>** to highlight the **Setup** icon.
3. Press **<ENTER>**. The **Setup** options will show on the display.
4. Use **<UP>** or **<DOWN>** to highlight either the **Reset** option or the **Factory Set** option.
5. Press **<ENTER>**.

System Information To see the product's current software version, running mode, DMX address and temperature, do the following:

1. Press **<MENU>** repeatedly until 4 icons show on the display.
2. Use **<UP>** or **<DOWN>** to highlight the **Sys Info** icon.
3. Press **<ENTER>**. The current information about the product will show on the display.

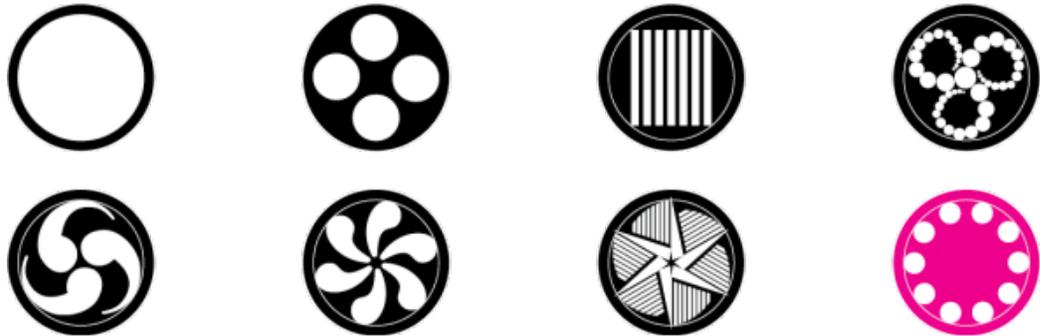
Gobo Configuration

Gobos make patterns in the light and can be customized for special events. The Intimidator™ Spot 400 IRC includes 1 glass and 7 metal gobos. The size of these gobos is:

- total diameter of 26.7 mm
- image size diameter of 23 mm
- maximum thickness of 1 mm

Any custom-made gobo should be this size as well.

Included Gobos



Replacing Gobos To change the gobos in the Intimidator™ Spot 400 IRC, do the following:

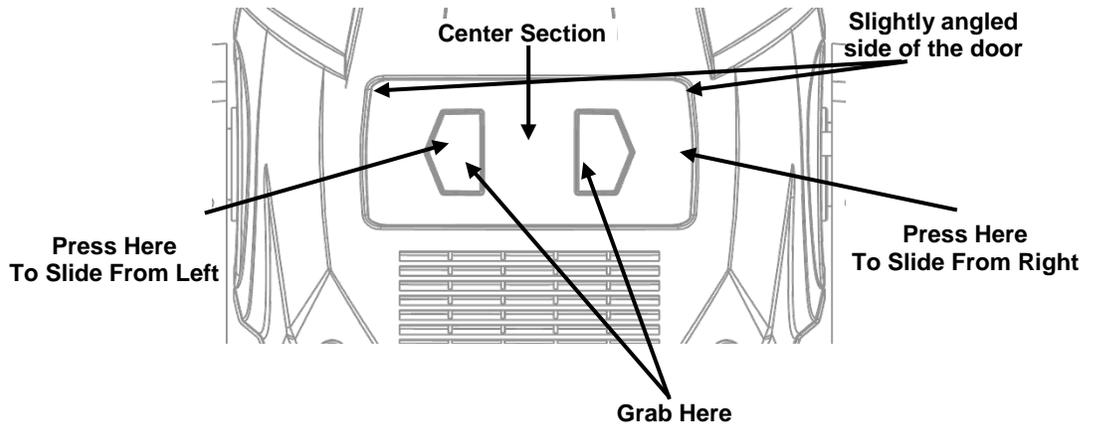
1. Disconnect product from power.
2. Place the product on a flat, level surface
3. Remove the gobo access door by grabbing the center section and pressing from the left or right to slide the door off. See the [Gobo Access Door](#) diagram.

Note: If the gobo wheel is not visible, replace the door by sliding it back into place, and open the door on the other side of the moving head.
4. Rotate the gobo wheel until the gobo to be replaced is accessible. See the [Gobo Wheel Through Door](#) diagram.
5. Remove the gobo holder from the gobo wheel by gently prying the gobo holder away from the gobo wheel with a fingernail or flat tool, pressing the gobo holder from behind and pulling upward out of the locking slots and the pressure plate. See the [Gobo Wheel, Holder, And Gobo](#) diagram.
6. Remove the tension ring from the gobo holder by prying it loose gently with a fingernail or small flat tool.
7. Remove the gobo from the gobo holder by gently pushing or shaking it from the holder.
8. Put the replacement gobo into the holder.
9. Replace the tension ring.
10. Replace the gobo holder into the gobo wheel by sliding the gobo holder tip under the pressure plate on the gobo wheel and clicking the locking screws into the locking slots. See the [Gobo Wheel, Holder, And Gobo](#) diagram.
11. Replace the gobo access door by sliding it back into place.

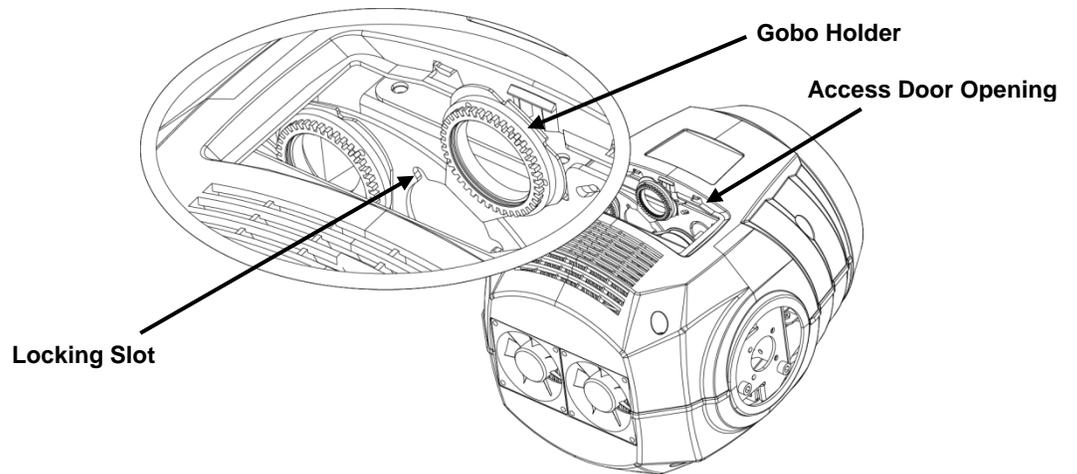


Be careful when replacing the gobo access door because, although it may fit either upside down or right-side up, it should be replaced so that it is recessed into the opening and no edges are protruding. See the [Gobo Access Door](#) diagram.

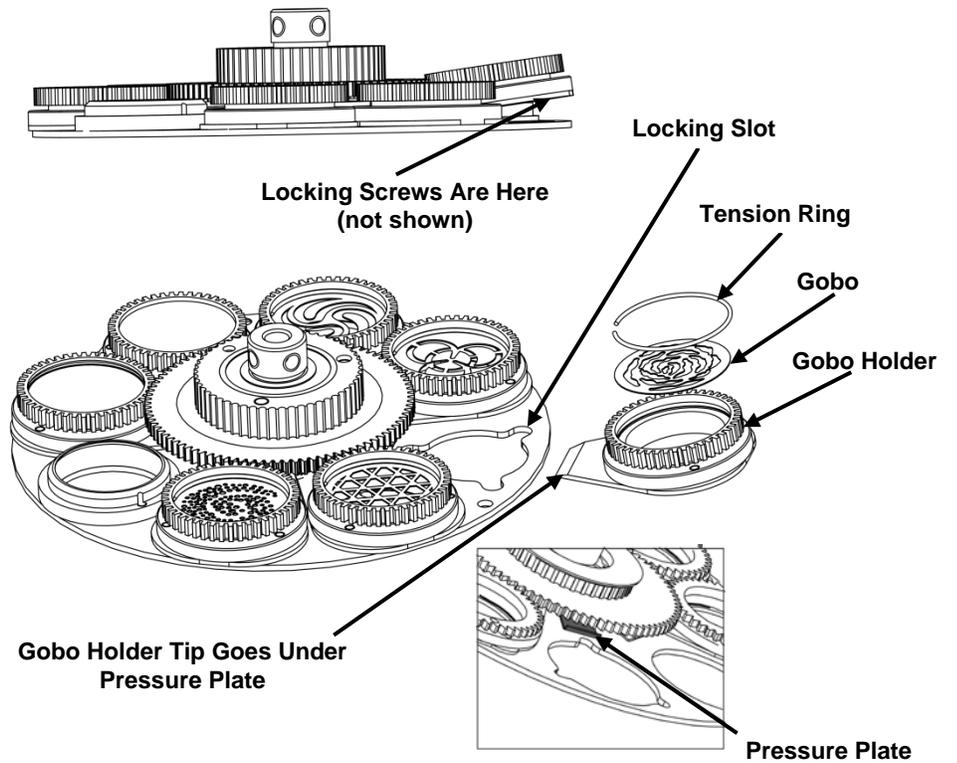
Gobo Access Door



Gobo Wheel Through Door



Gobo Wheel, Holder, And Gobo



5. TECHNICAL INFORMATION

Product Maintenance

Dust build-up reduces light output performance and can cause overheating. To maintain optimum performance, clean the product at least twice a month, more often if the product is in a dirty environment.

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 surfaces and fan vents.
4. Clean the glass lens with a mild solution of glass cleaner or isopropyl alcohol.
5. Apply the solution directly to a soft, lint-free cotton cloth or a lens cleaning tissue.
6. Softly wipe any dirt or grime to the outside edges of the glass.
7. Gently polish the glass surface until it is free of haze and lint.



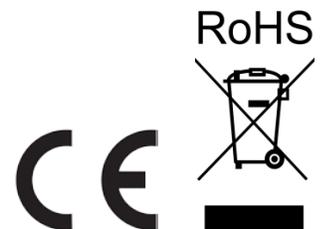
Always dry the glass surfaces carefully after cleaning them.



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

6. TECHNICAL SPECIFICATIONS

Dimensions and Weight	Length	Width	Height	Weight
	9.7 in (248 mm)	13.4 in (340 mm)	18.5 in (470 mm)	38.8 lb (14.4 kg)
Note: Dimensions in inches rounded to the nearest decimal digit.				
Power	Input Voltage	Range	Voltage Selection	
	Switching (internal)	100–240 VAC, 50/60 Hz	Auto-ranging	
	Parameter	120 VAC, 60 Hz	230 VAC, 50 Hz	
	Consumption	273 W	244 W	
	Operating current	2.3 A	1.2 A	
	Power linking current (units)	12 A (3 units)	12 A (7 units)	
	Fuse	F 5 A, 250 V	F 5 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		
LED	Type	Power	Lifespan	
	LED	140 W	50,000 hours	
	Color	Quantity	Current	
	White	1	2.9 A	
Photo Optic	Parameter			
	Beam Angle	18°		
	Illuminance @ 2 m	11,440 lux		
Thermal	Maximum External Temp.	Cooling System		
	104 °F (40 °C)	Convection		
DMX	I/O Connectors	Connector Type	Channel Range	
	3-pin XLR	Sockets	8 or 14	
Ordering	Product Name	Item Code	UPC Code	
	Intimidator™ Spot 400 IRC	08010790	781462211387	



RETURNS

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 any other country, DO NOT contact CHAUVET®. Contact your distributor. See www.chauvetlighting.com for distributors outside the U.S., United Kingdom, Ireland, or Mexico.



If you live outside the U.S., United Kingdom, Ireland, or Mexico, contact your distributor of record and follow their instructions on how to return CHAUVET® products to them. Visit our website for contact details.

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 is recommended.



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

CONTACT Us

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Outside the U.S., United Kingdom, Ireland, or Mexico, contact your dealer. Follow their instructions to request support or to return a product. Visit our website for contact details.