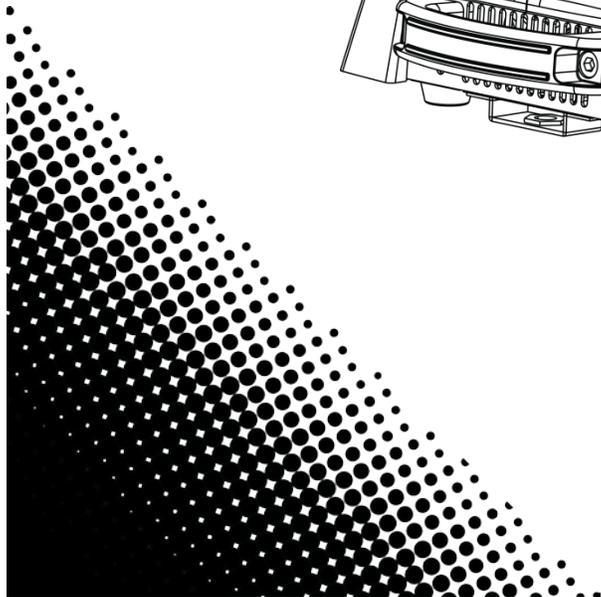
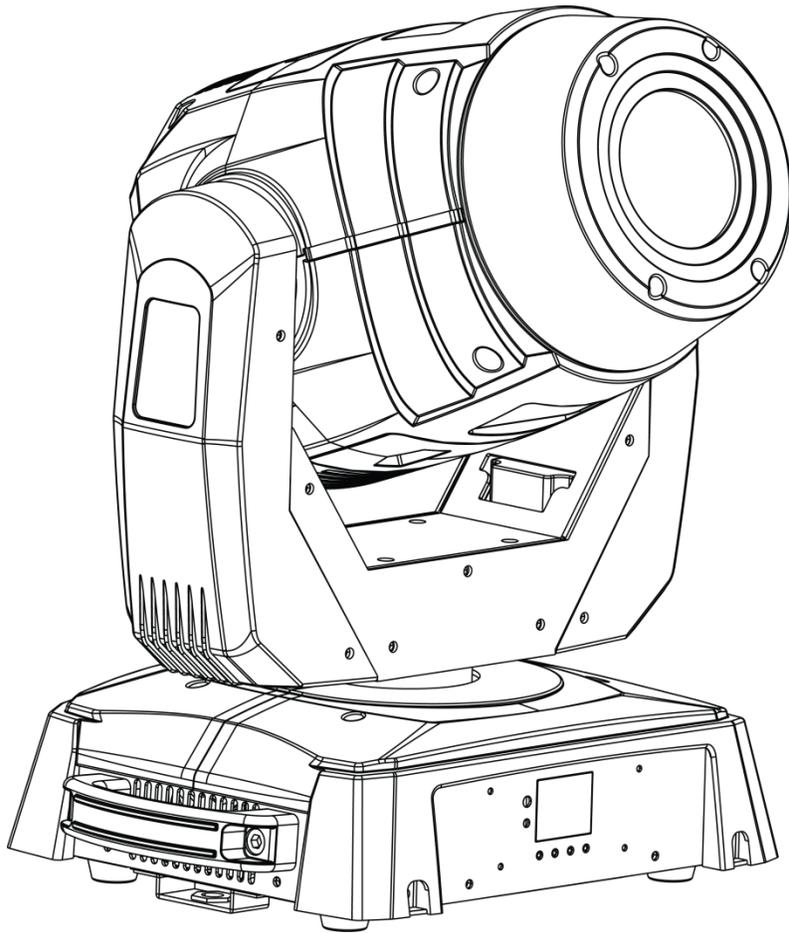


# INTIMIDATOR™

## SPOT 355Z IRC

### User Manual



**CHAUVET®**  
It's **Green** Thinking.™

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# 1. BEFORE YOU BEGIN

## What Is Included

- Intimidator™ Spot 355Z IRC
- Hanging Bracket with Mounting Hardware
- Power Cord
- Wedding-Ready Gobo Pack
- 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.

You can download the latest version of this document from [www.chauvetlighting.com](http://www.chauvetlighting.com).

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Author	Date	Editor	Date
M. Trouard	12/15/2014	A. Leon	01/14/15

## 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.



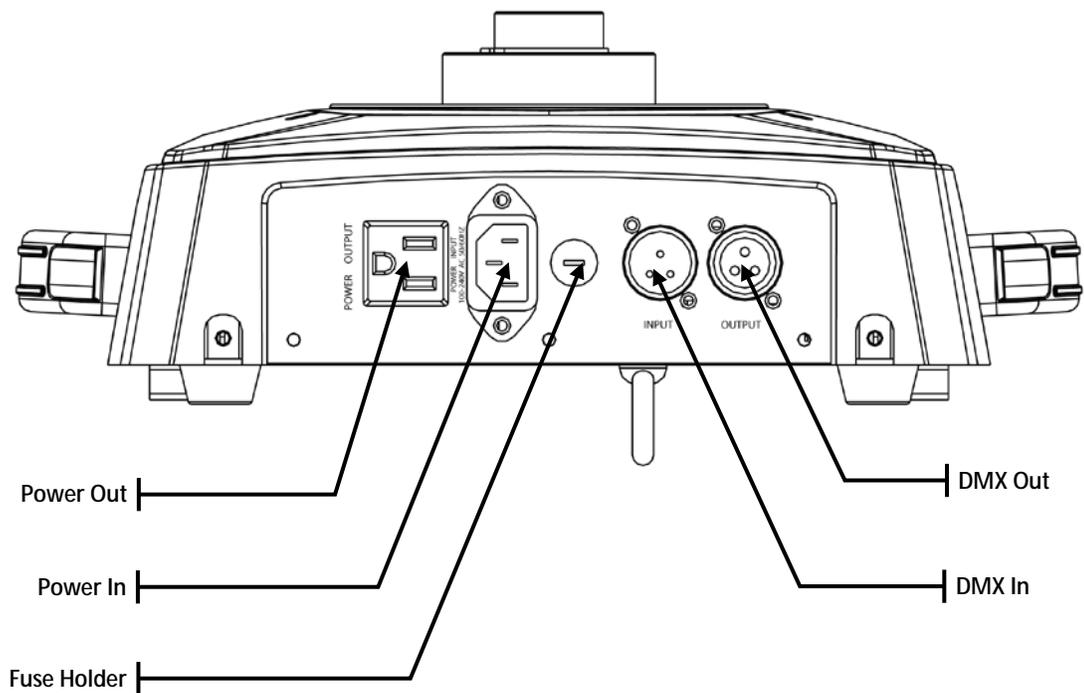
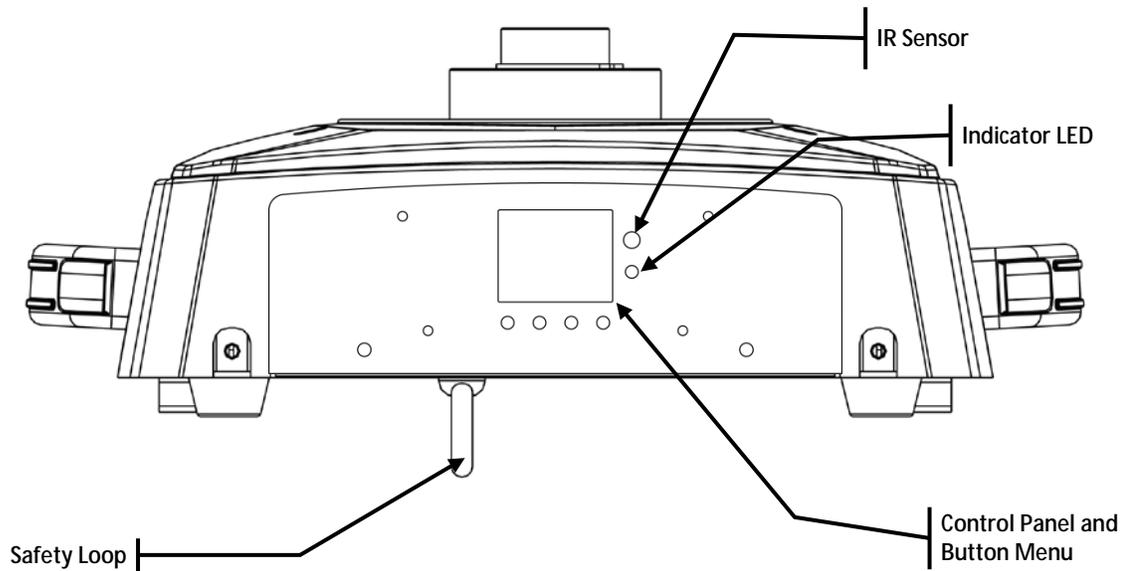
- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.
- The product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose the product to rain or moisture.
- Always install 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.
- 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 or the handles.
- The maximum ambient temperature ( $T_a$ ) 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.



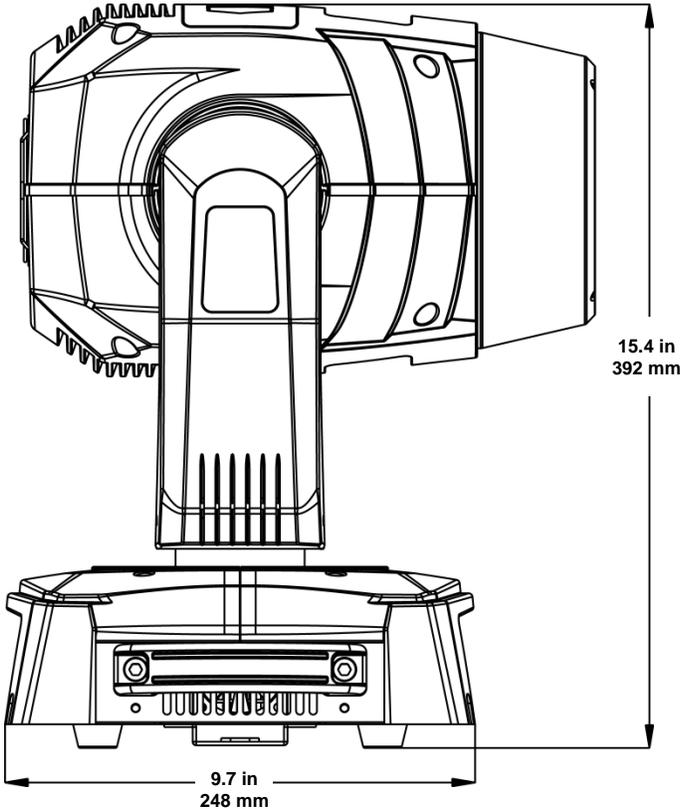
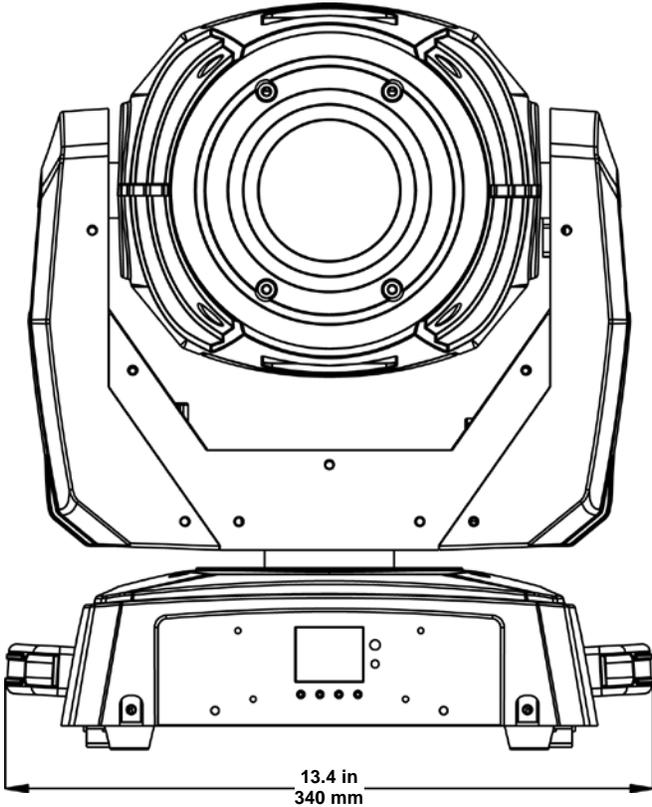
- Keep this User Manual for future use. If you sell the product to another user, be sure to give this document to the next owner.

## 2. INTRODUCTION

### Product Overview



# Product Dimensions



---

## 3. SETUP

**AC Power** The Intimidator™ Spot 355Z 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.**



**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.**

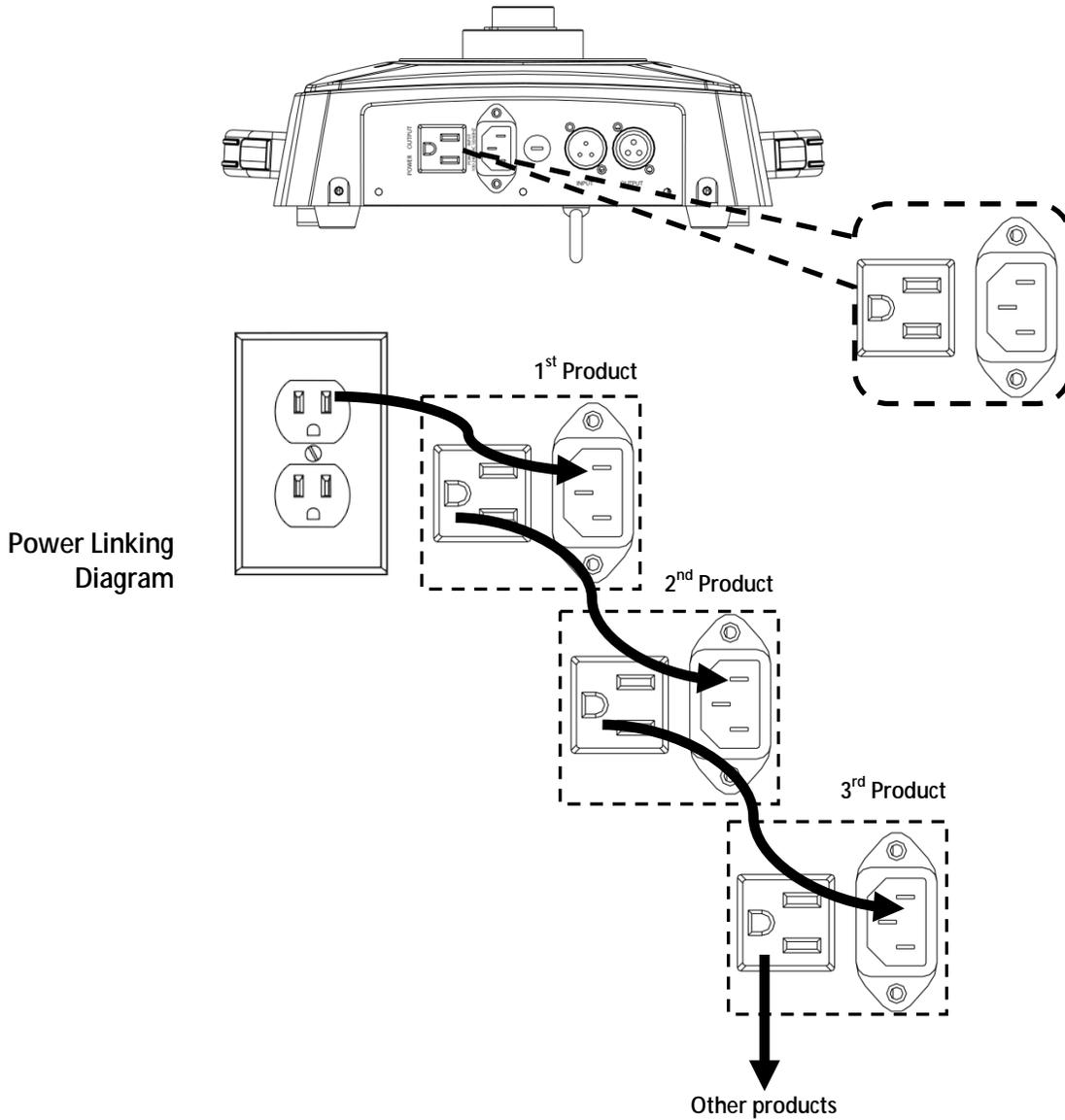
### Fuse Replacement

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 4 Intimidator™ Spot 355Z IRC units on 120 VAC or up to 7 Intimidator™ Spot 355Z 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.

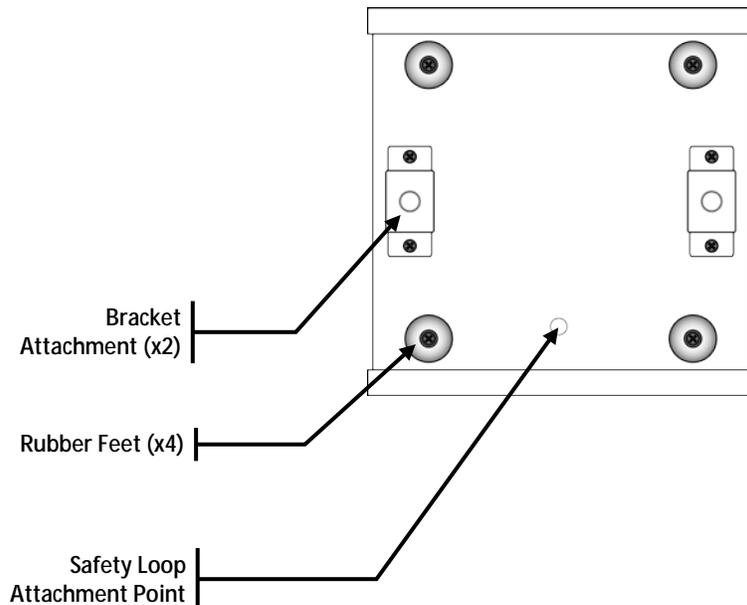
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**Mounting** Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes.

**Orientation** The Intimidator™ Spot 355Z 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



## 4. OPERATION

**Control Panel Operation** To access the control panel functions, use the four buttons located underneath the display.

Button	Function
<MODE/ESC>	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	09CH	Selects DMX mode
		15CH	Selects DMX mode
	Auto	Selects auto program	
	Sound	Selects Sound-Active mode	
	Slave	Selects 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	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	
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. Turn the product on.
3. 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 355Z IRC uses up to 15 DMX channels in its 15-channel DMX mode, which defines the highest configurable address to **498**.

If you are not familiar with the DMX protocol, download the DMX Primer from [www.chauvetlighting.com](http://www.chauvetlighting.com).

To select the starting address, do the following:

1. Press **<MODE/ESC>**
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 355Z IRC has two DMX personalities, a 9-channel personality and a 15-channel personality.

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

1. Press **<MODE/ESC>**
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 **15CH** (to choose the 15-channel personality) or **09CH** (to choose the 9-channel personality) shows on the display.
7. Press **<ENTER>**.

# DMX ASSIGNMENTS

15CH	Channel	Function	Value	Percent/Setting
	1	Pan	000ó 255	0–540°
	2	Fine Pan	000ó 255	Fine control of pan
	3	Tilt	000ó 255	0–270°
	4	Fine Tilt	000ó 255	Fine control of tilt
	5	Speed	000ó 255	Pan/Tilt speed (fast to slow)
			000ó 006	White
			007ó 013	Yellow
			014ó 020	Pink
			021ó 027	Green
			028ó 034	Red
			035ó 041	Light Blue
			042ó 048	Kelly Green
			049ó 055	Orange
			056ó 063	Dark Blue
			064ó 070	White + Yellow
	6	Color Wheel	071ó 077	Yellow + Pink
			078ó 084	Pink + Green
			085ó 091	Green + Red
			092ó 098	Red + Light Blue
			099ó 105	Light Blue + Kelly Green
			106ó 112	Kelly Green + Orange
			113ó 119	Orange + Dark Blue
			120ó 127	Dark Blue + White
			128ó 191	Color cycle rainbow with increasing speed
			192ó 255	Reverse color cycle rainbow with increasing speed

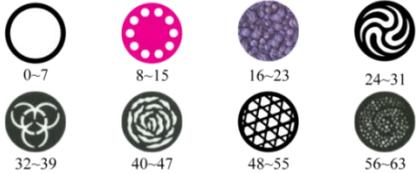
# 15CH

Channel	Function	Value	Percent/Setting
7	Gobo Wheel	000 ∘ 063	 0-7  8-15  16-23  24-31  32-39  40-47  48-55  56-63
		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 gobos (slow to fast)
		192 ∘ 255	Reverse cycle gobos (slow to fast)
8	Gobo Rotation	000 ∘ 063	Index
		064 ∘ 147	Rotate (slow to fast)
		148 ∘ 231	Reverse rotate (slow to fast)
		232 ∘ 255	Bounce
9	Prism	000 ∘ 007	Open
		008 ∘ 012	Prism on
		013 ∘ 130	Prism rotate (slow to fast)
		131 ∘ 247	Reverse prism rotate (slow to fast)
		248 ∘ 255	Prism effects
10	Focus	000 ∘ 255	Motorized focus (big to small)
11	Dimmer	000 ∘ 255	0–100%
12	Shutter	000 ∘ 003	Closed
		004 ∘ 007	Open
		008 ∘ 076	Strobe (slow to fast)
		077 ∘ 145	Pulse
		146 ∘ 215	Random open and close
		216 ∘ 255	Open

**15CH**

Channel	Function	Value	Percent/Setting
13	Control Function	000ó 007	No function
		008ó 015	Blackout pan/tilt movement
		016ó 023	Blackout color wheel movement
		024ó 031	Blackout gobo wheel movement
		032ó 039	Disable pan/tilt/color wheel movement blackout
		040ó 047	Disable pan/tilt/gobo wheel movement blackout
		048ó 055	Disable all movement blackout
		056ó 095	No function
		096ó 103	Reset pan
		104ó 111	Reset tilt
		112ó 119	Reset color wheel
		120ó 127	Reset gobo wheel
		128ó 135	Reset gobo rotation
		136ó 143	Reset prism
		144ó 151	Reset focus
		152ó 159	Reset all channels
160ó 255	No function		
14	Movement Macros	000ó 007	No function
		008ó 135	Automatic programs 1–8
		136ó 255	Sound-Active programs 1–8
15	Zoom	000ó 255	Motorized zoom (big to small)

# 09CH

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↻ 063	Dark Blue
		064↻ 070	White + Yellow
		071↻ 077	Yellow + Pink
		078↻ 084	Pink + Green
		085↻ 091	Green + Red
		092↻ 098	Red + Light Blue
		099↻ 105	Light Blue + Kelly Green
		106↻ 112	Kelly Green + Orange
		113↻ 119	Orange + Dark Blue
120↻ 127	Dark Blue + White		
128↻ 191	Color cycle rainbow with increasing speed		
192↻ 255	Reverse color cycle rainbow with increasing speed		
4	Gobo Wheel	000↻ 063	
		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 gobos (slow to fast)
		192↻ 255	Reverse cycle gobos (slow to fast)
5	Gobo Rotation	000↻ 063	Index
		064↻ 147	Rotate (slow to fast)
		148↻ 231	Reverse rotate (slow to fast)
		232↻ 255	Bounce

**09CH**

Channel	Function	Value	Percent/Setting
6	Prism	000ó 007	Open
		008ó 012	Prism on
		013ó 130	Prism rotate (slow to fast)
		131ó 247	Reverse prism rotate (slow to fast)
		248ó 255	Prism effects
7	Focus	000ó 255	Motorized focus (big to small)
8	Shutter	000ó 003	Closed
		004ó 007	Open
		008ó 076	Strobe (slow to fast)
		077ó 145	Pulse
		146ó 215	Random open and close
		216ó 255	Open
9	Zoom	000ó 255	Motorized zoom (big to small)

---

## 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 **<MODE/ESC>**
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 **<MODE/ESC>**
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:

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

### Manual Pan/Tilt Operation

To select whether you want the Intimidator™ Spot 355Z IRC to operate with normal panning or inverted panning, do the following.

1. Press **<MODE/ESC>**.
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 you want the Intimidator™ Spot 355Z IRC to operate with normal tilting or inverted tilting, do the following:

1. Press **<MODE/ESC>**.
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**

You are able to select the range for the pan and tilt angles on the Intimidator™ Spot 355Z IRC to achieve the effect you like.

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

1. Press **<MODE/ESC>**.
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 **<MODE/ESC>**.
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**

You are able to flip the LED display for easy readability in any mounting situation.

To select your display angle:

1. Press **<MODE/ESC>**.
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>**.

---

## Master/Slave Mode

The Master/Slave mode allows a single Intimidator™ Spot 355Z IRC unit (the master) to control the actions of one or more Intimidator™ Spot 355Z IRC units (the slaves) without the need of a DMX controller. The master unit will be set to operate in either Automatic or Sound-Active mode, while the slave units will be set to operate in Slave mode. Once set and connected, the slave units will operate in unison with the master unit.

Configure the units as indicated below.

### Slave units:

1. Press **<MODE/ESC>**.
2. Use **<UP>** or **<DOWN>** to choose **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Slave**.
5. Press **<ENTER>**.
6. Follow the instructions to set the DMX address to **001**.
7. Connect the DMX input of the first slave unit to the DMX output of the master unit.
8. Connect the DMX input of the subsequent slave units to the DMX output of the previous slave unit.
9. Finish setting and connecting all the slave units.

### Master unit:

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



- **Configure all the slave units before connecting the master unit 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 unit.**
- **Do not connect more than 31 slave units to the master unit.**

## Reset Options

The **Reset** option will restart the product, but does not change any settings. Using the **Factory Reset** option will clear out all customized settings and return the settings to the factory defaults. To reset the software on the Intimidator™ Spot 355Z IRC, do the following:

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

## System Information

To view information about the Intimidator™ Spot 355Z IRC:

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

## 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 **<MODE/ESC>**.
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.

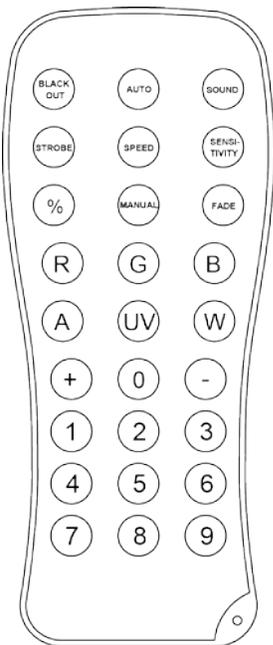
Some of the buttons on the remote work differently than what is indicated on their labels. For example:

- **<MANUAL>** changes the GOBO pattern.
- **<A>**, **<UV>**, and **<W>** control the Blackout function.

Please read the next section carefully.

The list below describes which features each button controls.

- **<BLACKOUT>** - Turns LEDs 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/SNAP>** or **<FADE>** - Adjusts the speed and type of color fades. Press the button to switch between fade and snap color changes. Use **<+>** and **<->** to increase or decrease the speed of the color changes.
- **<R>** - Adjusts the red color in the LEDs. Use the **<+>** and **<->** buttons to increase or decrease the red color in the LEDs.
- **<G>** - Adjusts the green color in the LEDs. Use the **<+>** and **<->** buttons to increase or decrease the green color in the LEDs.
- **<B>** - Adjusts the blue color in the LEDs. Use the **<+>** and **<->** buttons to increase or decrease the blue color in the LEDs.
- **<+>** - 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.



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## Passcode Protection

The Intimidator™ Spot 355Z IRC contains a passcode-protected mode which allows you to calibrate and troubleshoot any small issues you may have during normal operation.

In order to access this mode, do the following:

1. Press and hold **<MODE/ESC>** 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:

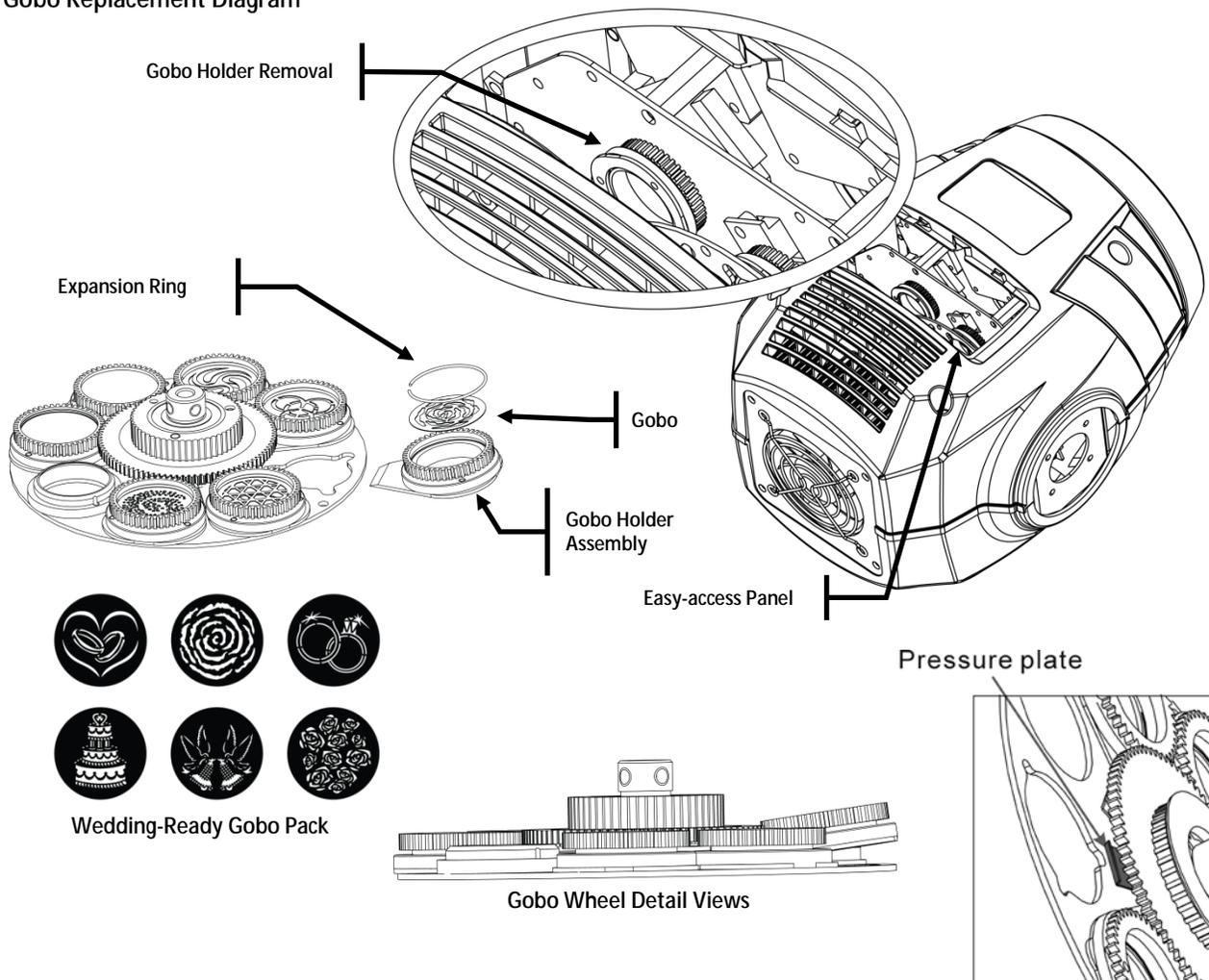
Parameter	Programming Steps	Description
<b>Pan Adjust</b>	<b>P128</b>	Manually adjust the pan angle
<b>Tilt Adjust</b>	<b>t128</b>	Manually adjust the tilt angle
<b>Gobo Wheel Adjust</b>	<b>G128</b>	Manually adjust the gobo wheel
<b>Color Wheel Adjust</b>	<b>C128</b>	Manually adjust the color wheel
<b>Focus Adjust</b>	<b>F128</b>	Manually adjust the focus
<b>Prism Adjust</b>	<b>L000</b>	Manually adjust the prism
<b>Lamp Brightness Adjust</b>	<b>d000</b>	Manually adjust the starting brightness of the lamp

## Changing Gobos

To change the gobos in the Intimidator™ Spot 355Z IRC, do not remove the gobo wheel. Simply:

1. Turn off and 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 pry up the right side, then push right with the indented handles.  
**NOTE: If you expose the driver board, you are on the wrong side of the head. Replace the cover immediately and remove the cover on the opposite side of the moving head.**
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



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## 5. 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.**

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# RETURNS

## General Info

To return a product or request support:

In the U.S., contact Chauvet World Headquarters (see below).

- In the UK or Ireland, contact Chauvet Europe Ltd. (see below).
- In Mexico, contact Chauvet Mexico (see below).
- In any other country, DO NOT contact Chauvet. Contact your distributor. See [www.chauvetlighting.com](http://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.**

## U.S., UK, Ireland, and Mexico

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 reason 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).**

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## Contact Us WORLD HEADQUARTERS - Chauvet

Us

### General Information

Address: 5200 NW 108<sup>th</sup> Avenue  
Sunrise, FL 33351  
Voice: (954) 577-4455  
Fax: (954) 929-5560  
Toll free: (800) 762-1084

### Technical Support

Voice: (954) 577-4455 (Press 4)  
Fax: (954) 756-8015  
Email: [tech@chauvetlighting.com](mailto:tech@chauvetlighting.com)

World Wide Web [www.chauvetlighting.com](http://www.chauvetlighting.com)

## UNITED KINGDOM AND IRELAND - Chauvet Europe Ltd.

### General Information

Address: Unit 1C  
Brookhill Road Industrial Estate  
Pinxton, Nottingham, UK  
NG16 6NT  
Voice: +44 (0)1773 511115  
Fax: +44 (0)1773 511110

### Technical Support

Email: [uktech@chauvetlighting.com](mailto:uktech@chauvetlighting.com)

World Wide Web [www.chauvetlighting.co.uk](http://www.chauvetlighting.co.uk)

## MEXICO - Chauvet Mexico

### General Information

Address: Av. Santa Ana 30  
Parque Industrial Lerma  
Lerma, Mexico C.P. 52000  
Voice: +52 (728) 285-5000

### Technical Support

Email: [servicio@chauvet.com.mx](mailto:servicio@chauvet.com.mx)

World Wide Web [www.chauvet.com.mx](http://www.chauvet.com.mx)

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.

## 6. TECHNICAL SPECIFICATIONS

<b>Dimensions and Weight</b>	<b>Length</b>	<b>Width</b>	<b>Height (pointing upward)</b>	<b>Weight</b>
	13.4 in (340 mm)	9.7 in (248 mm)	18 in (456 mm)	27.4 lb (12.4 kg)
<b>Note:</b> Dimensions in inches rounded to the nearest decimal digit.				
<b>Power</b>	<b>Power Supply Type</b>	<b>Range</b>	<b>Voltage Selection</b>	
	Switching (internal)	100 to 240 V, 50/60 Hz	Auto-ranging	
	<b>Parameter</b>	<b>120 V, 60 Hz</b>	<b>230 V, 50 Hz</b>	
	Consumption	309 W	283 W	
	Operating	3.2 A	1.6 A	
<b>Light Source</b>	<b>Power linking units</b>	4 units	7 units	
	Fuse	F 5 A, 250 V	F 5 A, 250 V	
	<b>Power I/O</b>	<b>US/Worldwide</b>	<b>UK/Europe</b>	
	Power input connector	IEC	IEC	
	Power output connector	Edison	IEC	
<b>Photometrics</b>	Power Cord plug	Edison (US)	Local plug	
	<b>Type</b>	<b>Power</b>	<b>Lifespan</b>	
	LED	90 W	50,000 hours	
<b>Thermal</b>	<b>Color</b>	<b>Quantity</b>	<b>Current</b>	
	White	1	3.2 A	
	<b>Parameter</b>			
	Illuminance (10°)	35,225 lx @ 2 m		
	Illuminance (17°)	11,800 lx @ 2 m		
<b>DMX</b>	Zoom angle	10° to 17°		
	Strobe Rate	0 to 23 Hz		
	Pan & Tilt	540°		270°
	Pan/Tilt Ranges	540°, 360°, 180° Pan		270°, 180°, 90° Tilt
	Gobo Size	24 mm outside 20 mm image 1.1 mm maximum thickness		
<b>Ordering</b>	<b>Maximum External Temp.</b>	<b>Cooling System</b>		
	104 °F (40 °C)	Fan-cooled		
<b>Ordering</b>	<b>I/O Connectors</b>	<b>Connector Type</b>	<b>Channel Range</b>	
	3-pin XLR	Sockets	9 or15	
<b>Ordering</b>	<b>Product Name</b>	<b>Item Code</b>	<b>UPC Number</b>	
	Intimidator™ Spot 355Z IRC	08010885	781462212339	

