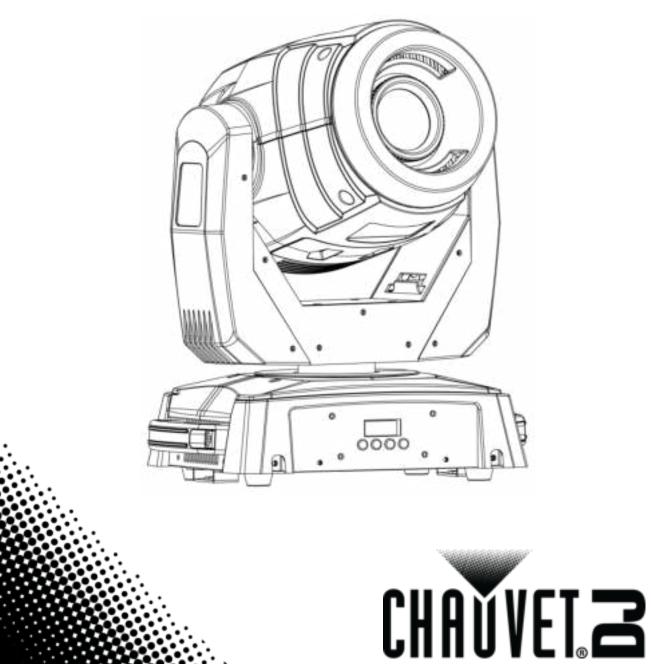
# INTIMIDATOR SPOT LED 350

**User Manual** 



**Green** Thinking.

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# **1. BEFORE YOU BEGIN**

Included '

- What Is Intimidator™ Spot LED 350

- Hanging Bracket with Mounting Hardware
- Power Cord
- Warranty Card
- Quick Reference Guide

Unpacking Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition. Instructions

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	Convention	Meaning			
Conventions	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></enter>	A key to be pressed on the product's control panel			
	ON	A value to be entered or selected			
Symbols	Symbol	Meaning			
• <b>,</b>	$\triangle$	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.			
	$(\mathbf{i})$	Important installation or configuration information. The product may not function correctly if this information is not used.			
		Useful information.			

# Information

**Document** 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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Author	Date	Editor	Date
R. Isenstadt	02/23/15	A. Leon	02/25/15

Product at a	Use on Dimmer	x	Auto Programs	Р
Glance	Outdoor Use	X	Auto-ranging Power Supply	Р
	Sound-Activated	Ρ	Replaceable Fuse	Р
	DMX	Ρ	User-Serviceable	X
	Master/Slave	Ρ		

**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.



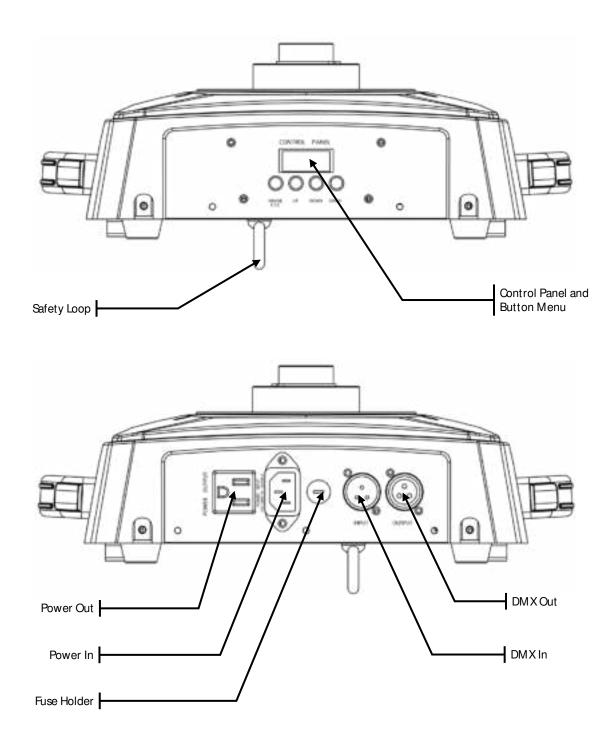
- If mounting the product overhead, always secure to a fastening device using a safety cable.
- Make sure there are no flammable materials close to the product when operating.
- Do not touch the product's housing when operating because it may be very hot.
- Always make sure that the voltage of the outlet 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 (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 wear and improve its lifespan, during periods of non-use completely disconnect from power via breaker or by unplugging it.



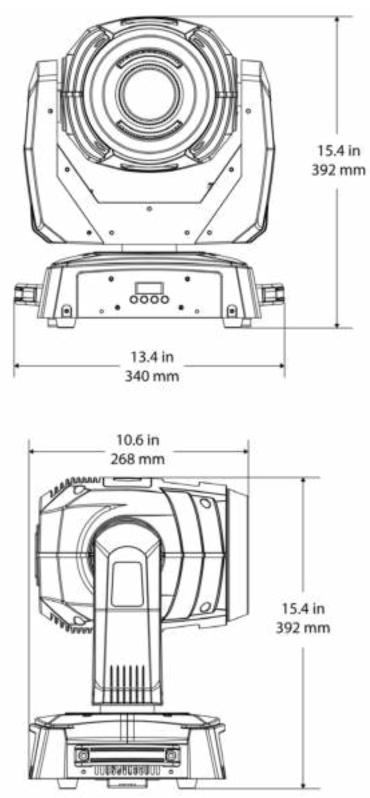
Keep this User Manual for future use. If you sell the product to another user, be sure to give this document to the next owner.

## 2. INTRODUCTION

### **Product Overview**



### **Product Dimensions**



# 3. SETUP

AC Power The Intimidator™ Spot LED 350 has an auto-ranging power supply and it can work with an input voltage range of 100-240 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 wear and improve its lifespan, during periods of non-use completely disconnect 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 1.

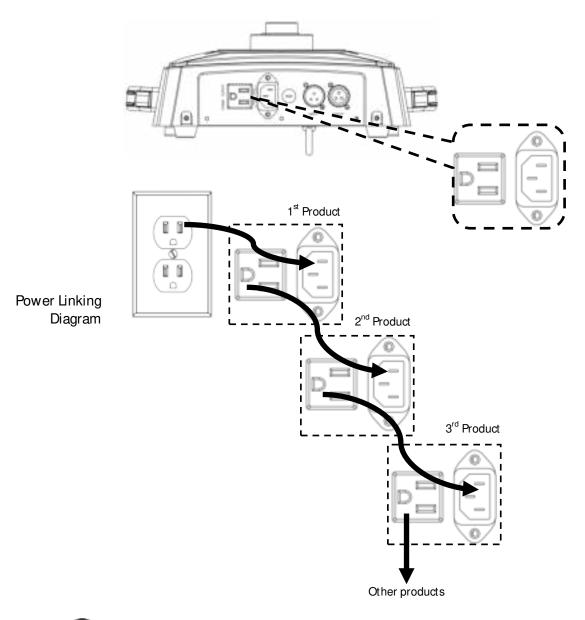
Disconnect the product from power.

Replacement 2.

- Using a Phillips #2-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.

 $(\mathbf{i})$ 

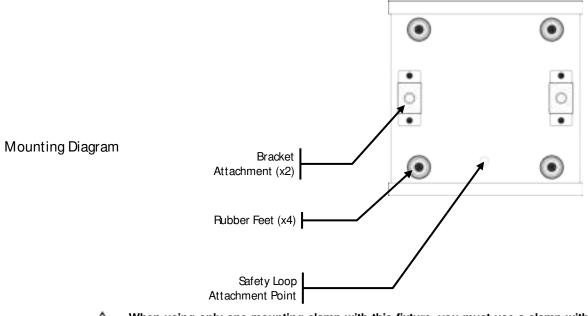
You can power link up to 3 Intimidator™ Spot LED 350 units on 120 VAC or up to 7 Intimidator™ Spot LED 350 units on 230 VAC.



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<sup>™</sup> Spot LED 350 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 <u>Technical Specifications</u> for weight information.
    - 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.





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

	Button	Function						
	<mode esc=""></mode>	Press to find an operation mode or to back out of the current menu option						
	<up></up>	Press to scroll up the list of options or to find a higher value						
	<down></down>	Press to scroll do	Press to scroll down the list of options or to find a lower value					
	<enter></enter>	Press to activate	a menu option	or a selected value				
Menu Map	Mode	Programm	ing Steps	Description				
•	DMX Mode	001~	512	Sets the DMX starting address				
		SLAV	(Son)	Slave operating mode				
	Operation	NASL (	SLoU)	Automatic mode, Slow program				
	Modes	NAFA (	FASt)	Automatic mode, Fast program				
		NStS (	SrUn)	Sound-Active mode				
	Pan	Normal Pan	PAn	Normal Pan operation				
		Inverse Pan	r PAn	Inverse Pan operation				
	Tilt	Normal Tilt	tiL	Normal Tilt operation				
		Inverse Tilt	r tiL	Inverse Tilt operation				
	Display	Normal Display	diS					
		Inverse Display	r diS	Change the LCD display text position				
	Channel Mode	14-Channel Mode	14CH	Colorto the DMV personality				
	Channel Mode	8-Channel Mode	8CH	- Selects the DMX personality				
		Pan 540	PA54					
	Manual Pan Range	Pan 360	PA36	Select Pan angle range				
	nange	Pan 180	PA18					
		Tilt 270	Ti27					
	Manual Tilt Range	Tilt 180	Ti18	Select Tilt angle range				
	indige	Tilt 90	Ti 9					
-	Reset	rE	St	Resets fixture				
	Load	LoA	٨d	Load factory defaults				

Configuration	Set the product in DMX mode to control with a DMX controller.					
(DMX)	1. Connect the product to a suitable power outlet.					
<b>、</b>	2. Turn the product on.					
	<ol><li>Connect a DMX cable from the DMX output of the DMX controller to the DMX input socket on the product.</li></ol>					
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 <sup>™</sup> Spot LED 350 uses up to 14 DMX channels in its 14-channel DMX mode, which defines the highest configurable address to <b>499</b> .					
	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 < MODE/ESC> repeatedly until 001 shows on the display.					
	2. Press <enter>.</enter>					
	3. Use <up> or <down> to select the starting address.</down></up>					
	4. Press <b><enter></enter></b> .					
DMX Personalities	The Intimidator <sup>™</sup> Spot LED 350 has two DMX personalities, an 8-channel personality and a 14-channel personality.					
	To choose which DMX personality to use, follow the steps below:					
	1 Press <b>MODE/ESC</b> > repeatedly until either <b>14CH</b> (to choose the 14-channel					

- 1. Press <**MODE/ESC>** repeatedly until either **14CH** (to choose the 14-channel personality) or **8CH** (to choose the 8-channel personality) shows on the display.
- 2. Press <ENTER>.

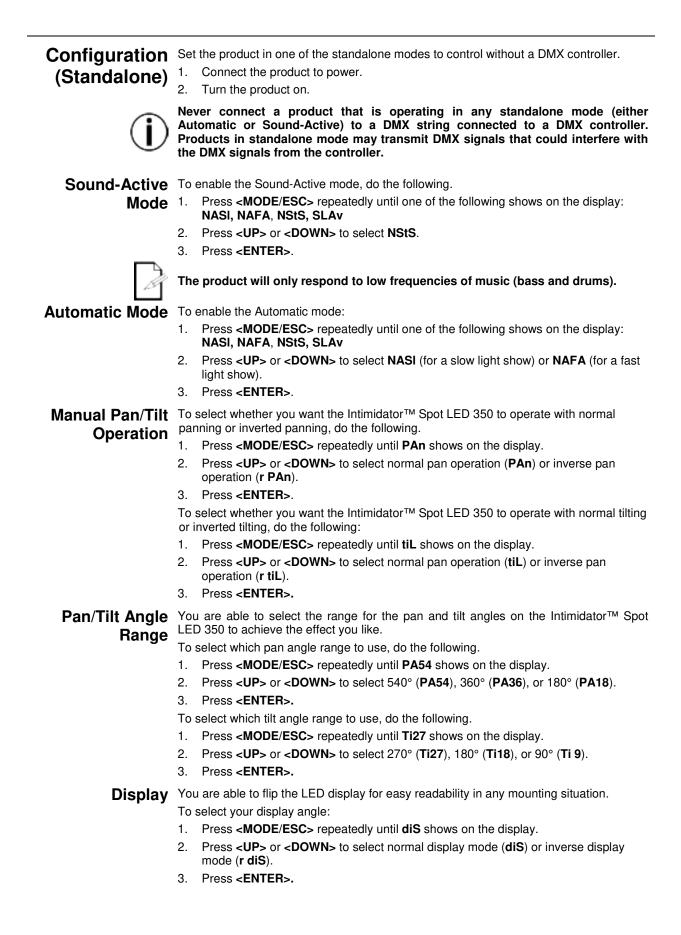
1         Pan         000         255         G-540°           2         Fine Pan         000         255         Fine control of panning           3         Titi         000         255         Fine control of tilting           5         Speed         000         255         Par/Tilt speed (tast to slow)           000         000         While         000         000           014         020         Park         000         000           027         Green         000         000         While           028         034         Red         000         000           028         034         Red         000         000           049         055         Orange         000         000           049         055         Orange         000         000           056         063         Dark Blue         000         000         000         000           071         077         Yellow + Pink         Oreen + Ared         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000	14-CH	Channel	Function	Val	ue	Setting
3         Tilt         000         255         0-270°           4         Fine Tilt         000         255         Fine control of tilting           5         Speed         000         255         Part/Tilt speed (fast to slow)           000         006         White         000         006           001         021         027         Green         000           021         027         Green         000         006           021         027         Green         000         000           041         020         Pink         000         000           042         043         Red         000         000           042         044         Kelly Green         000         000           044         045         070         White + Yellow         000           071         071         077         Yellow + Pink         078         084         Pink + Creen           085         091         Green + Red         000         092         098         Red + Light Blue         016         128         Kelly Green + Crange           113         119         Orarge + Dark Blue         120         127         Dark B		-		000	255	0–540°
4         Fine Tilt         000         255         Fine control of tilting           5         Speed         000         255         Pan/Titt speed (fast to slow)           000         006         White         000         006           001         014         020         Pink         000         014         020         Pink           021         022         Green         022         033         Red         000         000         006         White           021         022         023         Red         000         0		2	Fine Pan	000	255	Fine control of panning
5         Speed         000         255         Pan/Tilt speed (fast to slow)           000         006         White         007         013         Yellow           014         020         Pink         0014         020         Pink           021         022         Green         023         034         Red           022         034         Red         000         006         White           042         048         Kelly Green         042         048         Kelly Green           049         055         Orange         066         063         Dark Blue           064         070         White + Vellow         071         077         Yellow + Pink           078         084         Pink + Green         080         091         Green + Red           092         098         Red + Light Blue         092         098         Red + Light Blue           113         119         Orange + Dark Blue         015         Light Blue + Kelly Green         016           120         127         Dark Blue         044         74         45-55         56-63           131         119         Color cycling rainbow with increasing speed         92		3	Tilt	000	255	0–270°
6         Color Wheel         000         006         White           6         Color Wheel         007         013         Yellow           6         Color Wheel         042         027         Green           028         034         Red         000         006           028         034         Red         000         006           049         055         Orange         000         006           049         055         Orange         000         000           049         055         Orange         000         000         000           049         055         Orange         000         000         000         000           056         063         Dark Blue         000         001         000         001         000         011         000         000         001         000         001         000         001         000         001         001         000         001         001         000         001         001         001         001         001         001         001         001         001         001         001         001         001         001         001         001		4	Fine Tilt	000	255	Fine control of tilting
6         Color Wheel         007         013         Yellow           014         020         Pink         021         022         Green         022         023         Red         035         041         Light Blue         042         042         044         045         056         063         Dark Blue         044         049         055         Orange         056         063         Dark Blue         064         070         White + Yellow         071         077         Yellow + Pink         073         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 + Vhite         128         191         Color cycling rainbow with increasing speed           192         255         Reverse color cycling rainbow with increasing speed         16-23         24-31         24-31         24-31         24-31         24-31         24-31         24-31         24-31         24-31         24-31         24-31         24-31         24-31         24-31         24-31         24-31         24-31		5	Speed	000	255	Pan/Tilt speed (fast to slow)
6         Color Wheel         014 021 022 033 041 042 043 044 044 055 041 044 055 044 044 055 044 044 055 044 076 056 066 063 048 070 071 077 Vellow + Pink 078 084 078 084 078 084 078 084 093 105 113 119 077 077 Vellow + Pink 078 084 093 105 113 119 077 077 Vellow + Pink 078 084 093 105 113 119 077 077 Vellow + Pink 085 091 078 098 Red + Light Blue 099 105 113 119 07 099 105 113 119 07 099 105 113 119 07 07 07 07 07 07 07 00 00 01 2 00 07 16 -23 00 02 -4-47 00 00 02 -4-31 00 00 07 16 -23 00 00 00 07 16 -23 00 00 00 00 00 00 00 00 00 00 00 00 00				000	006	White
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7       Gobo Wheel						
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7       Gobo Wheel <sup>106</sup> <sup>112</sup> <sup>Kelly Green + Orange         <sup>113</sup> <sup>119</sup>         Orange + Dark Blue         <sup>120</sup> <sup>127</sup>         Dark Blue + White         <sup>128</sup> <sup>191</sup>         Color cycling rainbow with increasing speed         <sup>192</sup> <sup>255</sup> <sup>Reverse</sup> color cycling rainbow with increasing         speed         <sup>107</sup> <sup>106</sup> <sup>107</sup> <sup>108</sup> <sup>106</sup> <sup>106</sup> <sup>107</sup> <sup>108</sup> <sup>106</sup> <sup>107</sup> <sup>108</sup> <sup>106</sup> <sup>107</sup> <sup>108</sup> <sup>106</sup> <sup>108</sup> </sup>						•
7       Gobo Wheel         064       071       Gobo 7 shake, from slow to fast         072       079       Gobo 6 shake, from slow to fast         080       087       Gobo 3 shake, from slow to fast         102       111       Gobo 103       Gobo 103         113       119       Orange + Dark Blue       102         128       191       Color cycling rainbow with increasing speed         192       255       Reverse color cycling rainbow with increasing speed         192       255       Reverse color cycling rainbow with increasing speed         064       071       Gobo 7 shake, from slow to fast         072       079       Gobo 6 shake, from slow to fast         080       087       Gobo 3 shake, from slow to fast         104       111       Gobo 2 shake, from slow to fast         112       119       Gobo 1 shake, from slow to fast         112       119       Gobo 1 shake, from slow to fast						
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7         Gobo Wheel         064         071         Gobo 7 shake, from slow to fast           072         079         Gobo 5 shake, from slow to fast         064         071         Gobo 5 shake, from slow to fast         064         071         Gobo 5 shake, from slow to fast         064         071         Gobo 5 shake, from slow to fast         064         071         Gobo 7 shake, from slow to fast         072         079         Gobo 6 shake, from slow to fast         072         079         Gobo 7 shake, from slow to fast         080         087         Gobo 5 shake, from slow to fast         080         087         Gobo 5 shake, from slow to fast         086         095         Gobo 4 shake, from slow to fast         096         103         Gobo 2 shake, from slow to fast         112         119         Gobo 1 shake, from slow to fast         112         112         119         Gobo 1 shake, from slow to fast         112         120         127         Open         128         191         Cycle effect with increasing speed         128         191         Cycle effect with increasing speed         128         191         Cycle effect with increasing speed         128         128         128         128         128         128         128         128         128         128         128         128         128         128         1				128	191	
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7Gobo Wheel064071Gobo 7 shake, from slow to fast072079Gobo 6 shake, from slow to fast080087Gobo 5 shake, from slow to fast088095Gobo 4 shake, from slow to fast096103Gobo 3 shake, from slow to fast104111Gobo 2 shake, from slow to fast112119Gobo 1 shake, from slow to fast120127Open128191Cycle effect with increasing speed				Ç	$\sum_{i}$	8-15 16-23 24-31
7Gobo wheel072079Gobo 6 shake, from slow to fast080087Gobo 5 shake, from slow to fast088095Gobo 4 shake, from slow to fast096103Gobo 3 shake, from slow to fast104111Gobo 2 shake, from slow to fast112119Gobo 1 shake, from slow to fast120127Open128191Cycle effect with increasing speed				32-	<b>P</b>	
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120127Open128191Cycle effect with increasing speed				104	111	Gobo 2 shake, from slow to fast
128 191 Cycle effect with increasing speed				112	119	Gobo 1 shake, from slow to fast
				-	127	
192 255 Reverse cycle effect with increasing speed				192	255	Reverse cycle effect with increasing speed

### **DMX Channel Assignments and Values**

14-CH (cont.)	Channel	Function	Val	ue	Setting
- /			000	063	Indexing
	•	Ocho Detetion	064	147	Rotation effect with increasing speed
	8	Gobo Rotation	148	231	Reverse rotation effect with increasing speed
			232	255	Gobo bounce
			000	007	Open
			800	012	Prism on
	9	Prism	013	130	Prism rotation with increasing speed
			131	247	Reverse prism rotation with increasing speed
			248	255	Prism effect
	10	Focus	000	255	Motor focus, zoom out to zoom in
	11	Dimmer	000	255	0–100%
			000	003	Closed
			004	007	Open
	12	Shutter	008	076	Strobe effect with increasing speed
			077	145	Pulse strobe
			146	215	Random shutter
			216	255	Open
			000	007	No function
			008	015	Blackout while pan/tilt moving
			016	023	Blackout while moving color wheel
			024	031	Blackout while moving gobo wheel
	13	Control Functions	032	039	Disable blackout while pan/tilt/moving color wheel
			040	047	Disable blackout while pan/tilt/moving gobo wheel
			048	055	Disable blackout while moving all options
			056	095	No function
			096	103	Reset pan
			104	111	Reset tilt
			112	119	Reset color wheel
			120	127	Reset gobo wheel
			128	135	Reset gobo rotation
			136	143	Reset prism
			144	151	Reset focus
			152	159	Reset all channels
			160	255	No function
			000	007	No function
			008	023	Automatic movement 1
			024 040	039	Automatic movement 2
			040	055 071	Automatic movement 3
					Automatic movement 4
			072 088	087 103	Automatic movement 5 Automatic movement 6
			104	119	Automatic movement 6
	14	Movement Macros	120	135	Automatic movement 7
	14	Movement Macros	136	151	Sound-active movement 1
			152	167	Sound-active movement 2
			168	183	Sound-active movement 3
			184	199	Sound-active movement 3
			200	215	Sound-active movement 5
			200	215	Sound-active movement 6
			232	231	Sound-active movement 7
			248		Sound-active movement 8
		I	2-10	200	

### DMX Channel Assignments and Values (cont.)

8-CH	Channel	Function	Va	lue	Setting	
	1	Pan	000	255	0–540°	
	2	Tilt	000	255	0–270°	
			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	
	3	Color Wheel	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	
			113 120	119	Orange + Dark Blue Dark Blue + White	
			120	127 191	Color cycling rainbow with increasing speed	
			192	255	Reverse color cycling with increasing speed	
	4	Gobo Wheel	064 072 080 088 096 104 112 120 128 192	071 079 087 095 103 111 119 127 191 255	Gobo 7 shake, from slow to fastGobo 7 shake, from slow to fastGobo 5 shake, from slow to fastGobo 5 shake, from slow to fastGobo 3 shake, from slow to fastGobo 2 shake, from slow to fastGobo 1 shake, from slow to fastGobo 2 shake, from slow to fastGobo 1 shake, from slow to fastGobo 2 shake, from slow to fastGobo 1 shake, from slow to fastOpenCycle effect with increasing speedReverse cycle effect with increasing speed	
	5	Gobo Rotation	000 064 148 232	063 147 231 255	Indexing Rotation effect with increasing speed Reverse rotation effect with increasing speed Gobo bounce	
			000	007	Open	
			800	012	Prism on	
	6	Prism	013	130	Prism rotation with increasing speed	
			131	247	Reverse prism rotation with increasing speed	
			248	255	Prism effect	
	7	Focus	000	255	Motor focus, zoom out to zoom in	
			000	003	Closed	
			004	007	Open	
	8	Shutter	800	076	Strobe effect with increasing speed	
	U	Shuller	077	145	Pulse strobe	
			146	215	Random shutter	
			216	255	Open	



# Mode

Master/Slave The Master/Slave mode allows a single Intimidator™ Spot LED 350 unit (the "master") to control the actions of one or more Intimidator™ Spot LED 350 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> repeatedly until SLAv shows on the display.
- 2. Press <ENTER> to accept.
- 3. Set the DMX address to 001.
- 4. Connect the DMX input of the first slave unit to the DMX output of the master unit.
- 5. Connect the DMX input of the subsequent slave units to the DMX output of the previous slave unit.
- 6. 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 Software** To reset the software on the Intimidator<sup>™</sup> Spot LED 350, do the following:

- 1. Press < MODE/ESC> repeatedly until rESt shows on the display.
- 2. Press <ENTER>. The product will reset all settings in the software to the default factory settings.

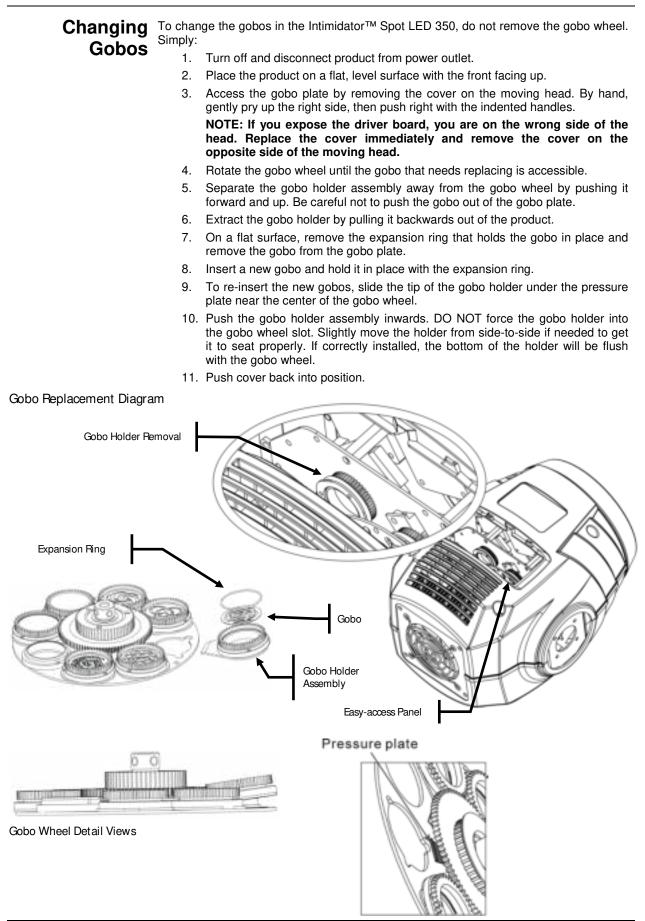
# Channel

Password The Intimidator™ Spot LED 350 contains a password-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 the <UP> and <DOWN> buttons to enter the password: 2323.
- 3. Press <ENTER>.

In this mode there are several options for adjustment:

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



# **5. TECHNICAL INFORMATION**

# Maintenance

Product 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:

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

Dimensions and	Length	Width	Height	Weight
Weight	10.6 in (268 mm)	13.4 in (340 mm)	15.4 in (392 mm)	22.7 lb (10.3 kg)
	Note: Dimensions in inches	rounded to the neare	st decimal digit.	
Power	Power Supply Type	Ra	nge	Voltage Selection
	Switching (internal)	100-240 \	/, 50/60 Hz	Auto-ranging
	Parameter	120 V	, 60 Hz	230 V, 50 Hz
	Consumption	27	2 W	285 W
	Operating	2.2	2 A	1.2 A
	Power linking units	3 u	inits	7 units
	Fuse	F 3 A,	250 V	F 3 A, 250 V
	Power I/O	US/Wo	rldwide	UK/Europe
	Power input connector	IE	EC	IEC
	Power output connector	Edi	ison	IEC
	Power Cord plug	Ediso	n (US)	Local plug
Light Source	Туре	Ро	wer	Lifespan
	LED	75	5 W	50,000 hours
	Color	Qua	ntity	Current
	White		1	17 A
Photo Optic	Parameter			
	Illuminance (12°)	949	90 Ix	
	Zoom angle	12-	·17°	
	Strobe Rate	0–2	0 Hz	
	Pan & Tilt	54	40°	270°
	Pan/Tilt Ranges		60°, 180° an	270°, 180°, 90° Tilt
		24 mm	outside	
	Gobo Size		nimage	
		1.1 mm	thickness	
Thermal	Maximum External Tem	p. Cooling	System	
	104 °F (40 °C)	Fan-o	cooled	
DMX	I/O Connectors	Connec	tor Type	Channel Range
	3-pin XLR	Soc	kets	8, 14
Ordering	Product Name	Item	Code	Item Number

# 6. TECHNICAL SPECIFICATIONS



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. Instead, contact your lighting distributor. See www.chauvetlighting.com for distributors outside the U.S., UK, Ireland. or Mexico.



Outside the U.S., UK, Ireland, or Mexico 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**

General Inforr	nation	Technical Support
Address:	5200 NW 108th Avenue	Voice: (954) 577-4455 (Press 4)
	Sunrise, FL 33351	Fax: (954) 756-8015
Voice:	(954) 577-4455	Email: <u>tech@chauvetlighting.com</u>
Fax:	(954) 929-5560	
Toll free:	(800) 762-1084	World Wide Web www.chauvetlighting.com
UNITED KING	DOM AND IRELAND - Chauvet Eur	ope Ltd.
General Inforr	nation	Technical Support
Address:	Unit 1C	Email: <u>uktech@chauvetlighting.com</u>
	Brookhill Road Industrial Estate	
	Pinxton, Nottingham, UK	World Wide Web www.chauvetlighting.co.uk
	NG16 6NT	
Voice:	+44 (0)1773 511115	
Fax:	+44 (0)1773 511110	
MEXICO - Cha	uvet Mexico	
General Inforr	nation	Technical Support
Address:	Av. Santa Ana 30	Email: <u>servicio@chauvet.com.mx</u>
	Parque Industrial Lerma	
	Lerma, Mexico C.P. 52000	World Wide Web <u>www.chauvet.com.mx</u>
Voice:	+52 (728) 285-5000	

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