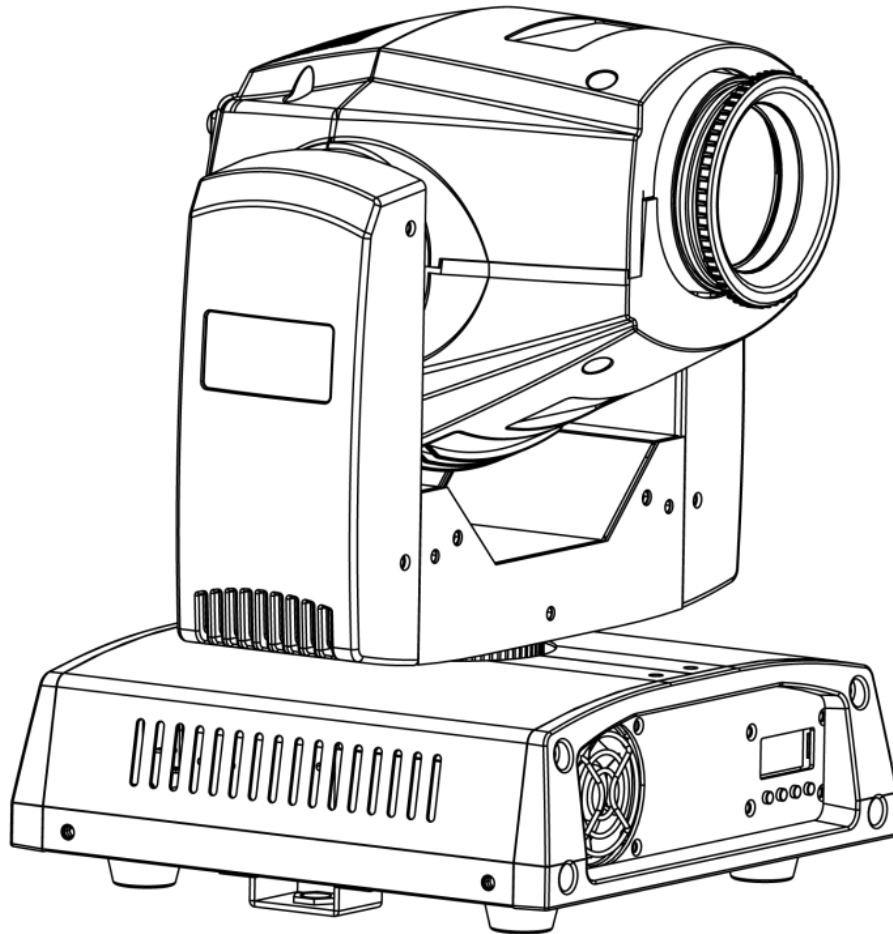


INTIMIDATOR™

SPOT LED 250

User Manual



CHAUVET®
Value • Innovation • Performance
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1. BEFORE YOU BEGIN

What Is Included

- Intimidator™ Spot LED 250
- Hanging Bracket with Mounting Hardware
- Power Cord
- Warranty Card
- Quick Reference Guide

Unpacking Instructions

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

Claims




If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not CHAUVET®. Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with CHAUVET® within 7 days of delivery.

Text Conventions

| Convention | Meaning |
|---------------------------|----------------------------------------------------|
| 1–512 | A range of values |
| 50/60 | A set of values of which only one can be chosen |
| Settings | A menu option not to be modified |
| Menu > Settings | A sequence of menu options to be followed |
| <ENTER> | A key to be pressed on the product's control panel |
| ON | A value to be entered or selected |

Symbols

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

Disclaimer

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. CHAUVET® reserves the right to revise this manual or create a new one to correct any errors or omissions.

You can download the latest version of this document from www.chauvetlighting.com.

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| Author | Date | Editor | Updated |
|---------|----------|---------|----------|
| A. Leon | 06/25/13 | T.Yeago | 06/25/13 |

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

Please read the following Safety Notes carefully before working with the product. The Notes include important safety information about installation, usage, and maintenance.



- 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 cord 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.



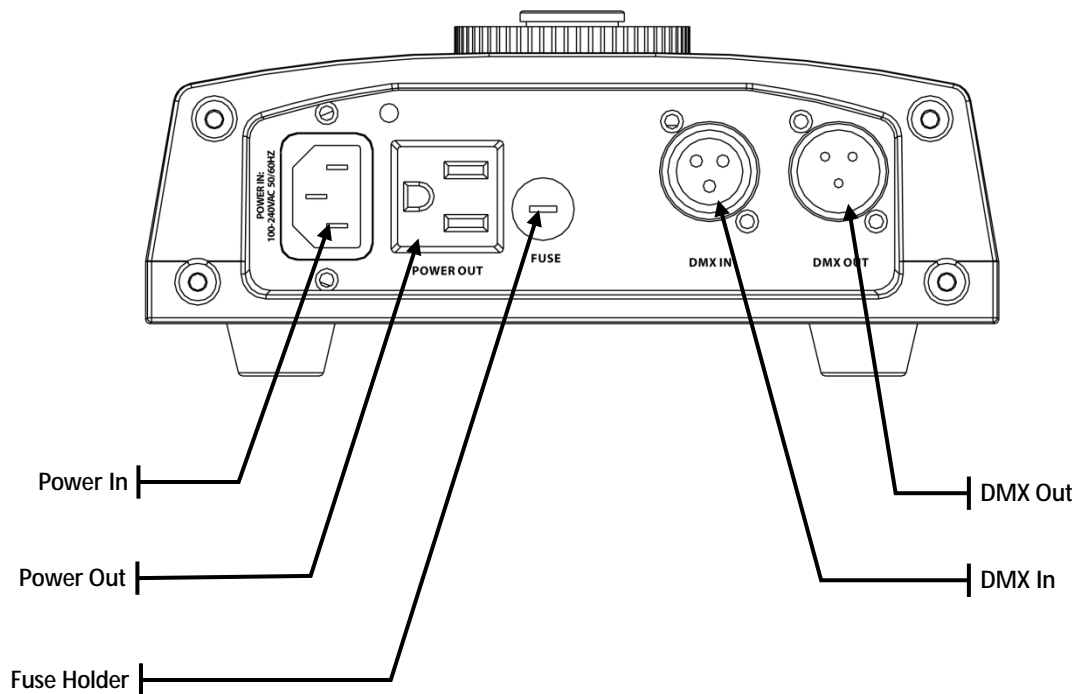
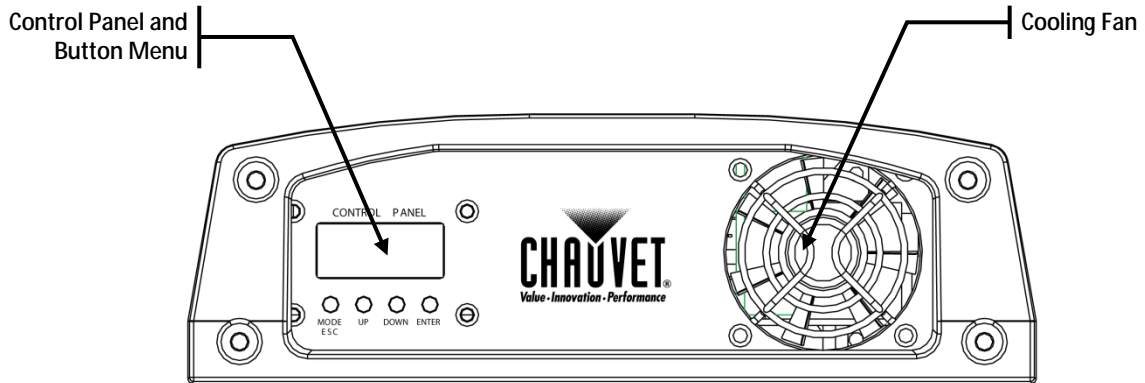
- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.
- The product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose the product to rain or moisture.
- Always install 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. Contact the nearest authorized technical assistance center.



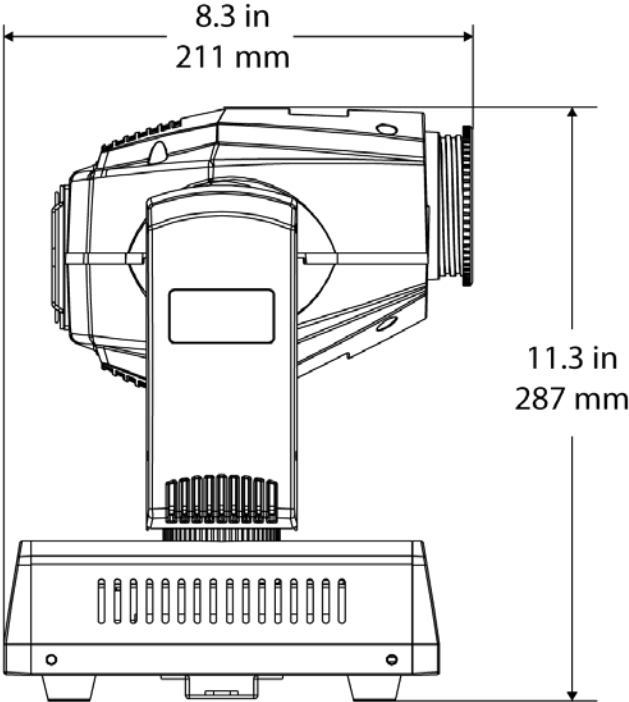
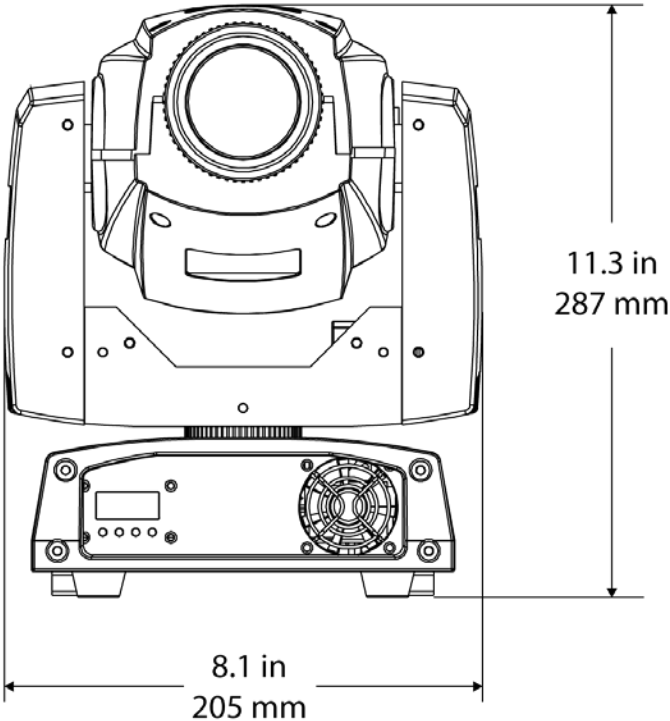
- Keep this User Manual for future consultation. If you sell the product to another user, be sure that they also receive this document.

2. INTRODUCTION

Product Overview



Product Dimensions



3. SETUP

AC Power The Intimidator™ Spot LED 250 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.



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.



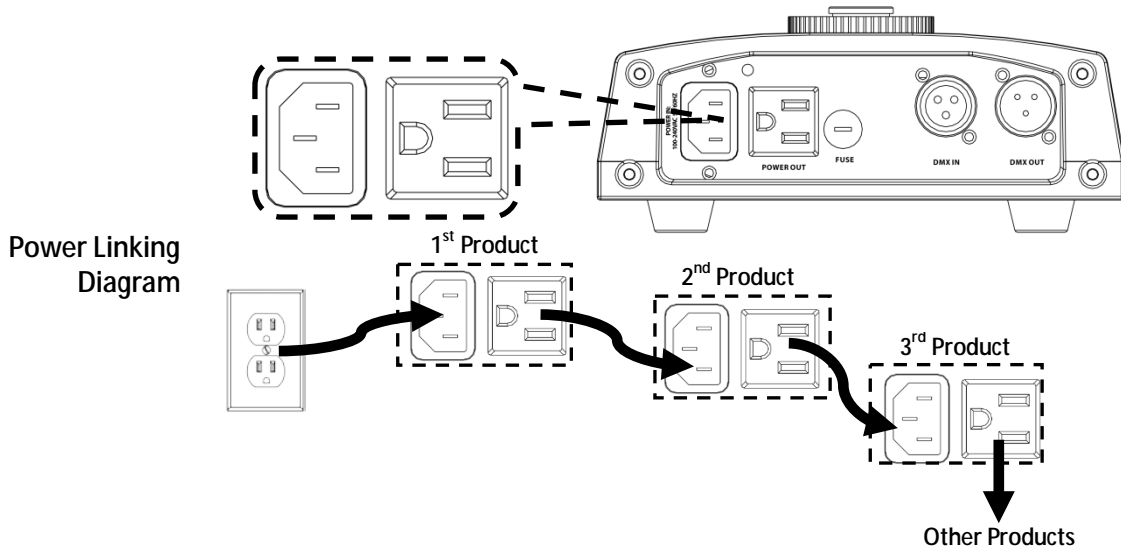
Disconnect the product from power before replacing the fuse.

Fuse Replacement

1. Disconnect product from power.
2. Using a flat-head screwdriver, unscrew the fuse holder from the back of the product.
3. Remove the blown fuse from the holder and replace with a fuse of the exact same type and rating.
4. Insert the fuse holder back in place, re-tighten, and reconnect power.

Power Linking

The product provides power linking via the Edison outlet located in the back of the unit. Please see the diagram below for further explanation.



You can power link up to 6 Intimidator™ Spot LED 250 units on 120 VAC or up to 11 Intimidator™ Spot LED 250 units on 230 VAC.



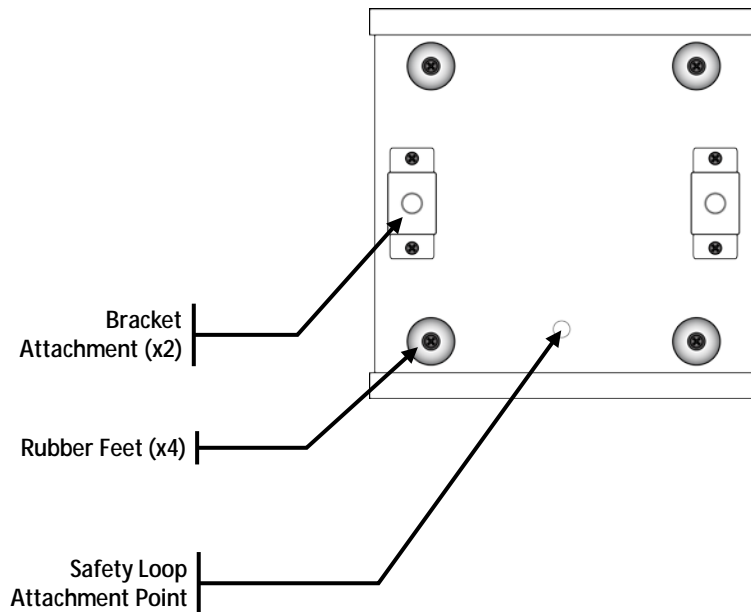
The power linking diagram shown above corresponds to the North American version of the product ONLY! If using the product in other markets, you must consult with the local CHAUVET® distributor as power linking connectors and requirements may differ in your country or region.

Mounting Before mounting the product, read and follow the [Safety Notes](#).

Orientation The Intimidator™ Spot LED 250 may be mounted in any position; however, make sure adequate ventilation is provided around the product.

- Rigging**
- Before deciding on a location, 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](#).
 - 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. The bracket has a 13-mm hole, which is appropriate for this purpose.
 - 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.

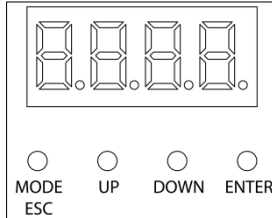
Mounting Diagram



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

| Mode | Programming Steps | | Description |
|--------------------------|------------------------|--------------|--------------------------------------|
| DMX Mode | 001–512 | | Sets the DMX starting address |
| Operation Modes | SLAv (Son) | | Slave operating mode |
| | NASL (SLoU) | | Automatic mode, slow program |
| | 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 | Change the LCD display text position |
| | Inverse Display | r diS | |
| Channel Mode | 13-Channel Mode | 13CH | Selects the DMX personality |
| | 8-Channel Mode | 8CH | |
| Manual Pan Range | Pan 540 | PA54 | Select Pan angle range |
| | Pan 360 | PA36 | |
| | Pan 180 | PA18 | |
| Manual Tilt Range | Tilt 270 | Ti27 | Select Tilt angle range |
| | Tilt 180 | Ti18 | |
| | Tilt 90 | Ti 9 | |
| Reset | rESt | | Resets fixture |
| Load | LoAd | | Load factory defaults |

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 LED 250 uses up to 13 DMX channels in its 13-channel DMX mode, which defines the highest configurable address to **500**.

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

To select the starting address, do the following:

1. Press **<MODE/ESC>** repeatedly until **001** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the starting address.
4. Press **<ENTER>**.









DMX Personalities

The Intimidator™ Spot LED 250 has two DMX personalities, an 8-channel personality and a 13-channel personality.

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

1. Press **<MODE/ESC>** repeatedly until either **13CH** (to choose the 13-channel personality) or **8CH** (to choose the 8-channel personality) shows on the display.
2. Press **<ENTER>**.









DMX Channel Assignments and Values

| 13-CH | Channel | Function | Value | Setting |
|-------|-----------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| | 1 | Pan | 000 ◊ 255 | 0–540° |
| | 2 | Fine Pan | 000 ◊ 255 | Fine control of panning |
| | 3 | Tilt | 000 ◊ 255 | 0–270° |
| | 4 | Fine Tilt | 000 ◊ 255 | Fine control of tilting |
| | 5 | Speed | 000 ◊ 255 | Pan/Tilt speed (fast to slow) |
| | 6 | Color Wheel | 000 ◊ 006 | White |
| | | | 007 ◊ 013 | Yellow |
| | | | 014 ◊ 020 | Pink |
| | | | 021 ◊ 027 | Green |
| | | | 028 ◊ 034 | Red |
| | | | 035 ◊ 041 | Light Blue |
| | | | 042 ◊ 048 | Kelly Green |
| | | | 049 ◊ 055 | Orange |
| | | | 056 ◊ 064 | Dark Blue |
| | | | 065 ◊ 071 | White + Yellow |
| | | | 072 ◊ 078 | Yellow + Pink |
| | | | 079 ◊ 085 | Pink + Green |
| | | | 086 ◊ 092 | Green + Red |
| | | | 093 ◊ 099 | Red + Light Blue |
| | | | 100 ◊ 106 | Light Blue + Kelly Green |
| | | | 107 ◊ 113 | Kelly Green + Orange |
| | | | 114 ◊ 120 | Orange + Dark Blue |
| | | | 121 ◊ 127 | Dark Blue + White |
| | 128 ◊ 191 | Color cycling rainbow with increasing speed | | |
| | 192 ◊ 255 | Reverse color cycling rainbow with increasing speed | | |
| | 7 | Gobo Wheel |  0~7  8~15  16~23  24~31 | |
| | | |  32~39  40~47  48~55  56~63 | |
| | | | 064 ◊ 071 | Gobo 7 shake, from slow to fast |
| | | | 072 ◊ 079 | Gobo 6 shake, from slow to fast |
| | | | 080 ◊ 087 | Gobo 5 shake, from slow to fast |
| | | | 088 ◊ 095 | Gobo 4 shake, from slow to fast |
| | | | 096 ◊ 103 | 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 |
| | | | 120 ◊ 127 | Open |
| | | | 128 ◊ 191 | Cycle effect with increasing speed |
| | | | 192 ◊ 255 | Reverse cycle effect with increasing speed |

DMX Channel Assignments and Values (cont.)

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

DMX Channel Assignments and Values (cont.)

| 8-CH | Channel | Function | Value | Setting | | |
|------|-----------|-----------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| | 1 | Pan | 000 ◊ 255 | 0–540° | | |
| | 2 | Tilt | 000 ◊ 255 | 0–270° | | |
| | 3 | Color Wheel | 000 ◊ 006 | White | | |
| | | | 007 ◊ 013 | Yellow | | |
| | | | 014 ◊ 020 | Pink | | |
| | | | 021 ◊ 027 | Green | | |
| | | | 028 ◊ 034 | Red | | |
| | | | 035 ◊ 041 | Light Blue | | |
| | | | 042 ◊ 048 | Kelly Green | | |
| | | | 049 ◊ 055 | Orange | | |
| | | | 056 ◊ 064 | Dark Blue | | |
| | | | 065 ◊ 071 | White + Yellow | | |
| | | | 072 ◊ 078 | Yellow + Pink | | |
| | | | 079 ◊ 085 | Pink + Green | | |
| | | | 086 ◊ 092 | Green + Red | | |
| | | | 093 ◊ 099 | Red + Light Blue | | |
| | | | 100 ◊ 106 | Light Blue + Kelly Green | | |
| | | | 107 ◊ 113 | Kelly Green + Orange | | |
| | | | 114 ◊ 120 | Orange + Dark Blue | | |
| | 121 ◊ 127 | Dark Blue + White | | | | |
| | 128 ◊ 191 | Color cycling rainbow with increasing speed | | | | |
| | 192 ◊ 255 | Reverse color cycling rainbow with increasing speed | | | | |
| | 4 | Gobo Wheel |  0~7 |  8~15 |  16~23 |  24~31 |
| | | |  32~39 |  40~47 |  48~55 |  56~63 |
| | | | 064 ◊ 071 | Gobo 7 shake, from slow to fast | | |
| | | | 072 ◊ 079 | Gobo 6 shake, from slow to fast | | |
| | | | 080 ◊ 087 | Gobo 5 shake, from slow to fast | | |
| | | | 088 ◊ 095 | Gobo 4 shake, from slow to fast | | |
| | | | 096 ◊ 103 | 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 | | |
| | | | 120 ◊ 127 | Open | | |
| | | | 128 ◊ 191 | Cycle effect with increasing speed | | |
| | | | 192 ◊ 255 | Reverse cycle effect with increasing speed | | |
| | | | 5 | Gobo Rotation | 000 ◊ 119 | Rotation effect with increasing speed |
| | | | | | 120 ◊ 231 | Reverse rotation effect with increasing speed |
| | | | | | 232 ◊ 255 | Gobo bounce |
| | | | 6 | Prism | 000 ◊ 015 | Open |
| | | | | | 016 ◊ 255 | Prism on |
| | 7 | Dimmer | 000 ◊ 255 | 0–100% | | |
| | 8 | Shutter | 000 ◊ 003 | Closed | | |
| | | | 004 ◊ 007 | Open | | |
| | | | 008 ◊ 215 | Strobe effect with increasing speed | | |
| | | | 216 ◊ 255 | Open | | |

Configuration (Standalone)

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

1. Connect the product to a suitable power outlet.
2. Turn the product on.



Never connect a product that is operating in any standalone mode (either Static, Automatic, or Sound) 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>** repeatedly until one of the following shows on the display: **NASi**, **NAFA**, **NStS**, **SLAv**.
2. Press **<UP>** or **<DOWN>** to select **NStS**.
3. Press **<ENTER>**.



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

Automatic Mode

To enable the Automatic mode, follow the instructions below:

1. Press **<MODE/ESC>** repeatedly until one of the following shows on the display: **NASi**, **NAFA**, **NStS**, **SLAv**
2. Press **<UP>** or **<DOWN>** to select **NASi** (for a slow light show) or **NAFA** (for a fast light show).
3. Press **<ENTER>**.

Manual Pan/Tilt Operation

To select whether you want the Intimidator™ Spot LED 250 to operate with normal panning or inverted panning, do the following:

1. Press **<MODE/ESC>** repeatedly until **PAn** shows on the display.
2. Press **<UP>** or **<DOWN>** to select normal pan operation (**PAn**) or inverse pan operation (**r PAn**).
3. Press **<ENTER>**.

To select whether you want the Intimidator™ Spot LED 250 to operate with normal tilting or inverted tilting, do the following:

1. Press **<MODE/ESC>** repeatedly until **tiL** shows on the display.
2. Press **<UP>** or **<DOWN>** to select normal pan operation (**tiL**) or inverse pan operation (**r tiL**).
3. Press **<ENTER>**.

Pan/Tilt Angle Range

You are able to select the range for the pan and tilt angles on the Intimidator™ Spot LED 250 to achieve the effect you like.

To select which pan angle to use, do the following:

1. Press **<MODE/ESC>** repeatedly until **PA54** shows on the display.
2. Press **<UP>** or **<DOWN>** to select 540° (**PA54**), 360° (**PA36**) or 180° (**PA18**).
3. Press **<ENTER>**.

To select which tilt angle to use, do the following:

1. Press **<MODE/ESC>** repeatedly until **Ti27** shows on the display.
2. Press **<UP>** or **<DOWN>** to select 270° (**Ti27**), 180° (**Ti18**) or 90° (**Ti 9**).
3. Press **<ENTER>**.

Display Orientation You are able to flip the LED display for easy readability in any mounting situation. To select your display angle:

1. Press **<MODE/ESC>** repeatedly until **diS** shows on the display.
2. Press **<UP>** or **<DOWN>** to select normal display mode (**diS**) or inverse display mode (**r diS**).
3. Press **<ENTER>**.

Master/Slave Mode The Master/Slave mode allows a single Intimidator™ Spot LED 250 unit (the “master”) to control the actions of one or more Intimidator™ Spot LED 250 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™ Spot LED 250, 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.

Password Channel

The Intimidator™ Spot LED 250 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 you have several options for adjustment.

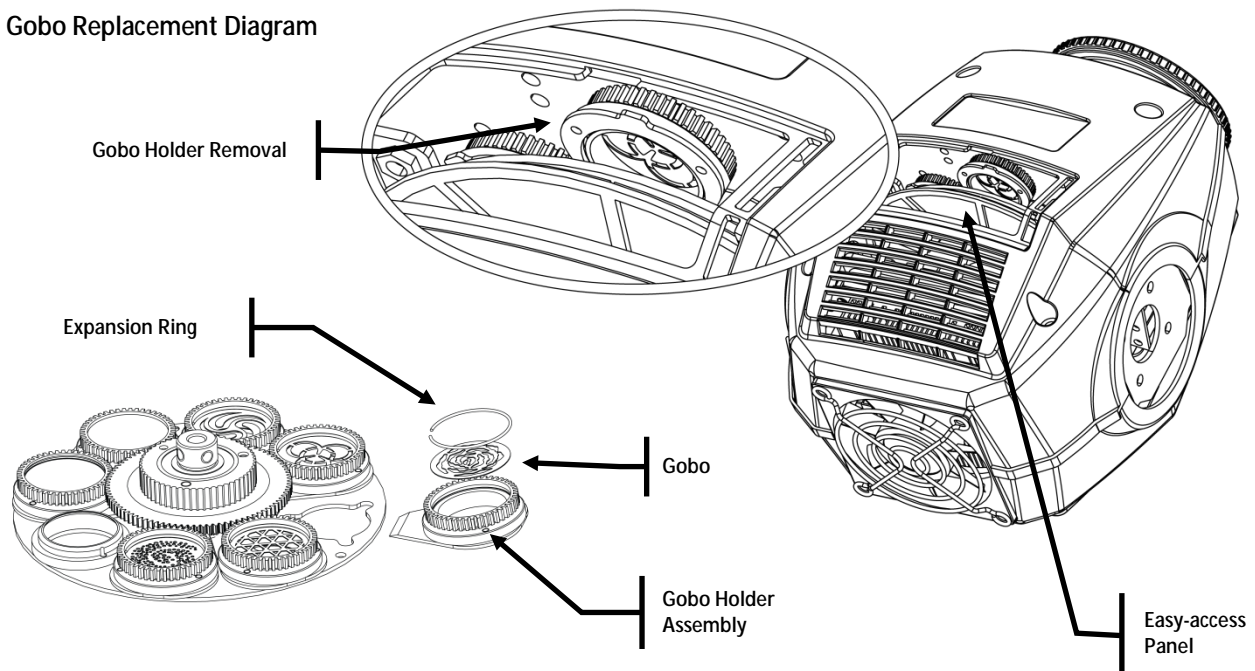
| Parameter | Programming Steps | Description |
|-------------------------------|-------------------|-----------------------------------------------------|
| Pan Adjust | P128 | Manually adjust the pan angle |
| Tilt Adjust | t128 | Manually adjust the tilt angle |
| Gobo Wheel Adjust | G128 | Manually adjust the gobo wheel |
| Color Wheel Adjust | C128 | Manually adjust the color wheel |
| Prism Adjust | L128 | Manually adjust the prism |
| Lamp Brightness Adjust | d000 | Manually adjust the starting brightness of the lamp |
| Pan Switch Strength | P--0 | Adjust the strength of pan switch |
| Tilt Switch Strength | t--0 | Adjust the strength of tilt switch |

Changing Gobos

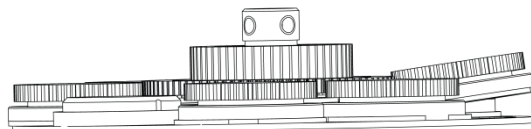
To change the gobos in the Intimidator™ Spot LED 250, you do not need to remove the gobo wheel. Simply:

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

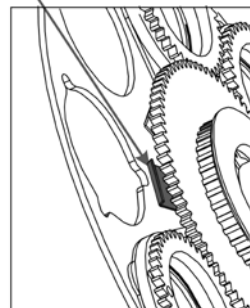
Gobo Replacement Diagram



Gobo Wheel Detail Views



Pressure plate



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 may lead to more frequent cleaning.

To clean the product, follow the instructions below:

- Unplug the product from power.
- Wait until the product is at room temperature.
- Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external surface/vents.
- 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.
- Softly drag any dirt or grime to the outside edges of the glass/transparent surface.
- Gently polish the glass/transparent surfaces until they are free of haze and lint.



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

In case you need to return a product or request support, follow the procedure below:

- If you live in the U.S., contact CHAUVET® World Headquarters.
- If you live in the UK or Ireland, contact CHAUVET® Europe Ltd.
- If you live in any other country, DO NOT contact CHAUVET®. Instead, contact your dealer. See the respective website for dealers' contact details.

Contact Us

World Headquarters

CHAUVET®

General Information

Address: 5200 NW 108th 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

World Wide Web

www.chauvetlighting.com

United Kingdom & 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

World Wide Web

www.chauvetlighting.co.uk



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

Returns

Call the corresponding CHAUVET® Tech 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
- The 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).

6. TECHNICAL SPECIFICATIONS

| | | | | |
|-------------------------------------------------------------------------|-------------------------------|--------------------------------------------------|--------------------------|-------------------------|
| Dimensions and Weight | Length | Width | Height | Weight |
| | 9.3 in (236 mm) | 8.1 in (205 mm) | 11.3 in (287 mm) | 12.6 lbs (5.7 kg) |
| Note: Dimensions in inches rounded to the nearest decimal digit. | | | | |
| Power | Power Supply Type | Range | Voltage Selection | |
| | Switching (internal) | 100~240 V, 50/60 Hz | Auto-ranging | |
| | Parameter | 120 V, 60 Hz | 230 V, 50 Hz | |
| | Consumption | 150 W | 157 W | |
| | Operating | 1.3 A | 0.7 A | |
| Light Source | Power I/O | US/Worldwide | UK/Europe | |
| | Power linking units | 6 units | 11 units | |
| | Fuse | F 2 A, 250 V | F 2 A, 250 V | |
| | Power input connector | IEC | IEC | |
| | Power output connector | Edison | IEC | |
| | Power Cord plug | Edison (US) | Local plug | |
| Photo Optic | Type | Power | Lifespan | |
| | LED | 50 W | 50,000 hours | |
| | Color | Quantity | Current | |
| | White | 1 | 14.4 A | |
| Thermal | Parameter | | | |
| | Illuminance @ 2 m | 5,970 lx | | |
| | Beam angle | 17° | | |
| | Strobe Rate | 0–20 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 thickness | | |
| DMX | Maximum External Temp. | Cooling System | | |
| | 104° F (40° C) | Fan-cooled | | |
| Ordering | I/O Connectors | Connector Type | Channel Range | |
| | 3-pin XLR | Sockets | 8, 13 | |
| Ordering | Product Name | Item Code | Item Number | |
| | Intimidator™ Spot LED 250 | 08010462 | INTSPOTLED250 | |

