INTIMIDATOR™
SPOT DUO 150

User Manual
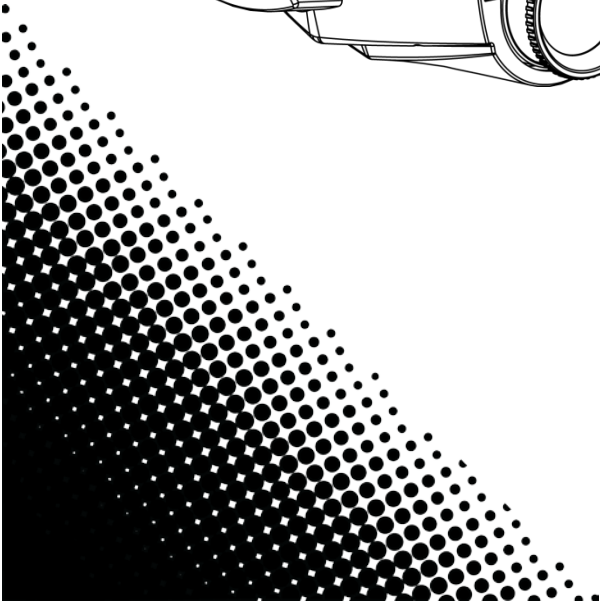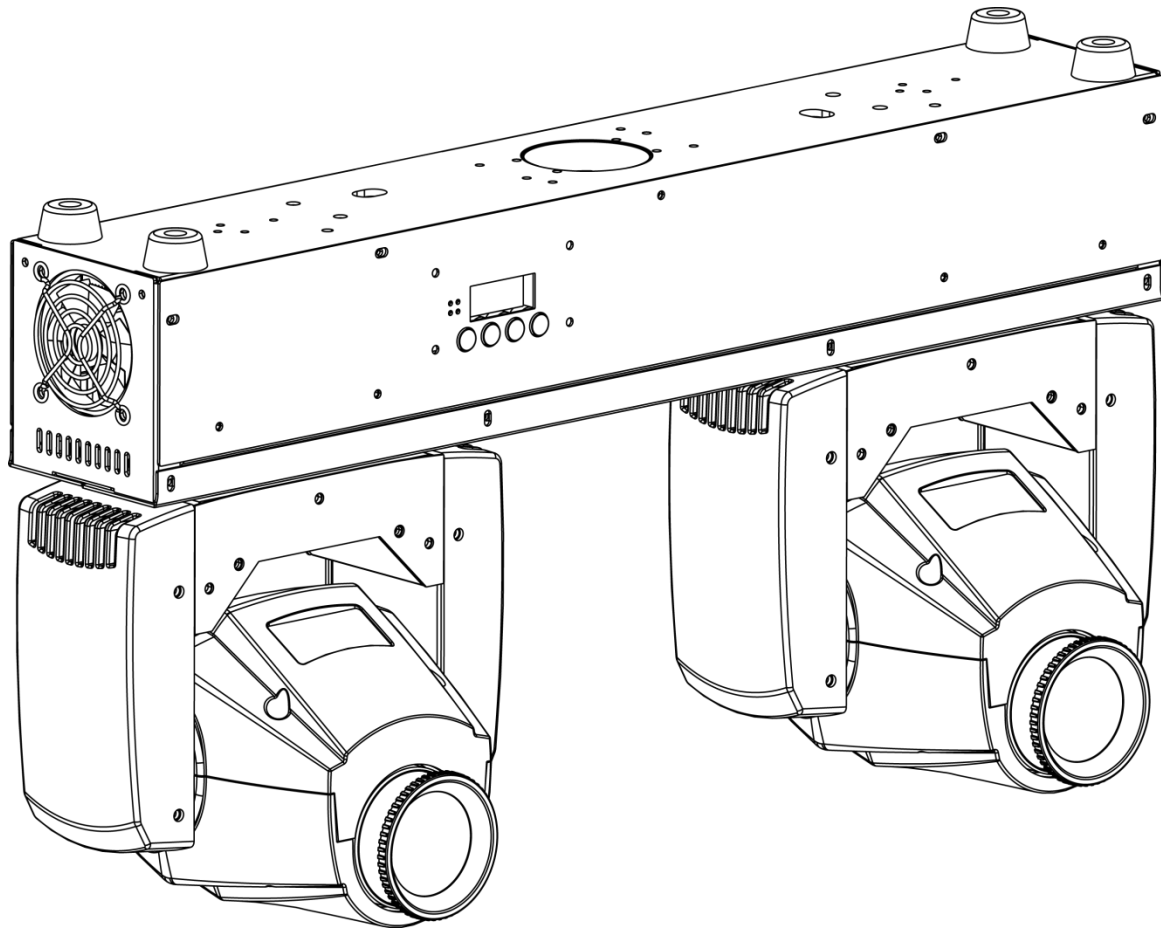
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1. BEFORE YOU BEGIN

What Is Included

- Intimidator™ Spot Duo 150
- 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 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.

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Author	Date	Editor	Updated
R. Isenstadt	02/03/15	A. Leon	02/03/15

Product at a Glance	Use on Dimmer	✖	Auto Programs	P
	Outdoor Use	✖	Auto-ranging Power Supply	P
	Sound-Active	P	Replaceable Fuse	P
	DMX	P	User-Serviceable	✖
	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.

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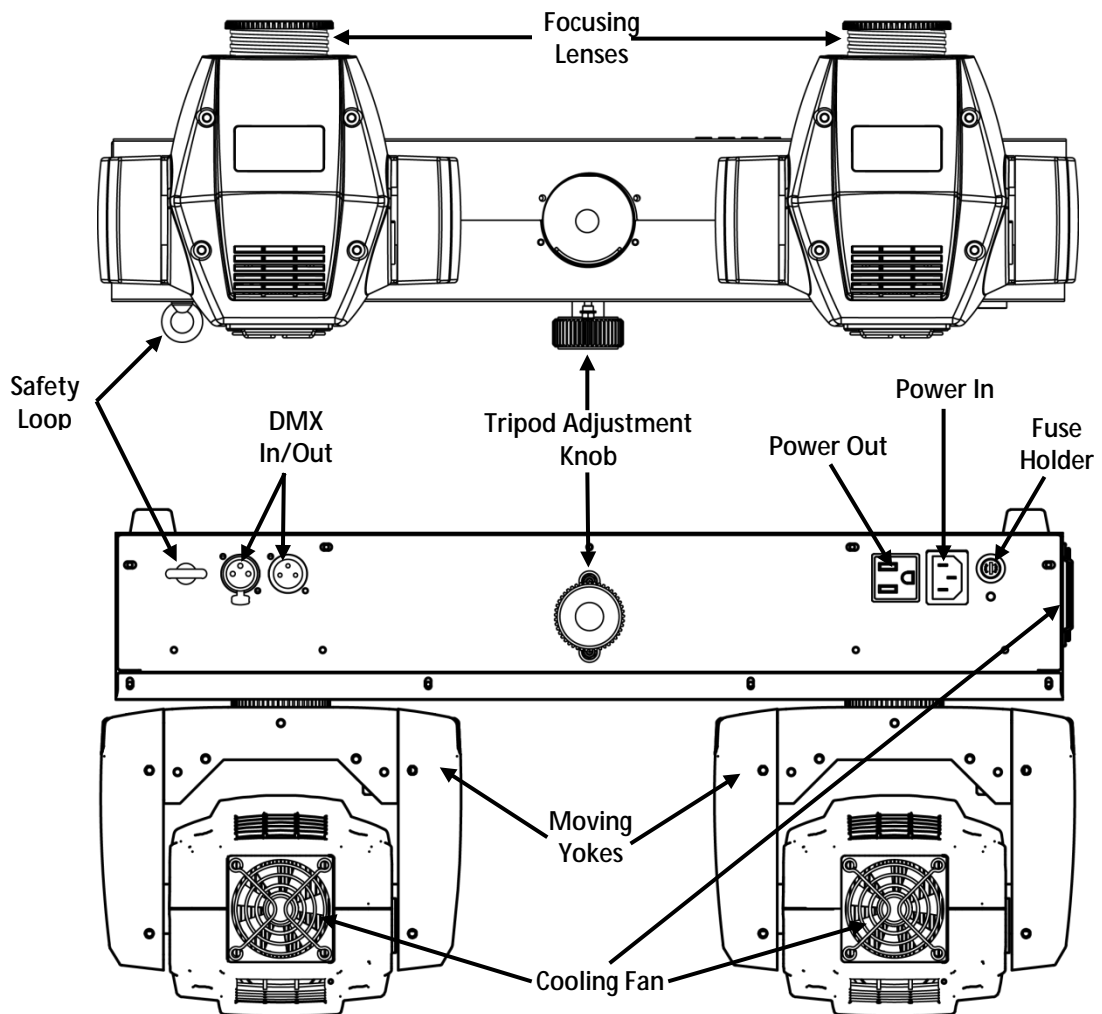
ⓘ
- · The product is not intended for permanent installation.
- · Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.
- · The product is for indoor use only! (IP20) To prevent risk of fire or shock,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

📝 Keep this User Manual for future use. If you sell the product to someone else, be sure that they also receive this document.

2. INTRODUCTION

Overview

Microphone   Digital Display

Front Panel View

Menu
Buttons

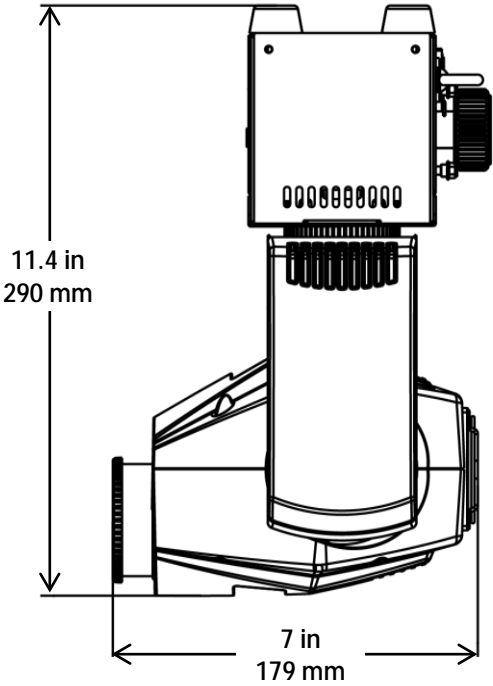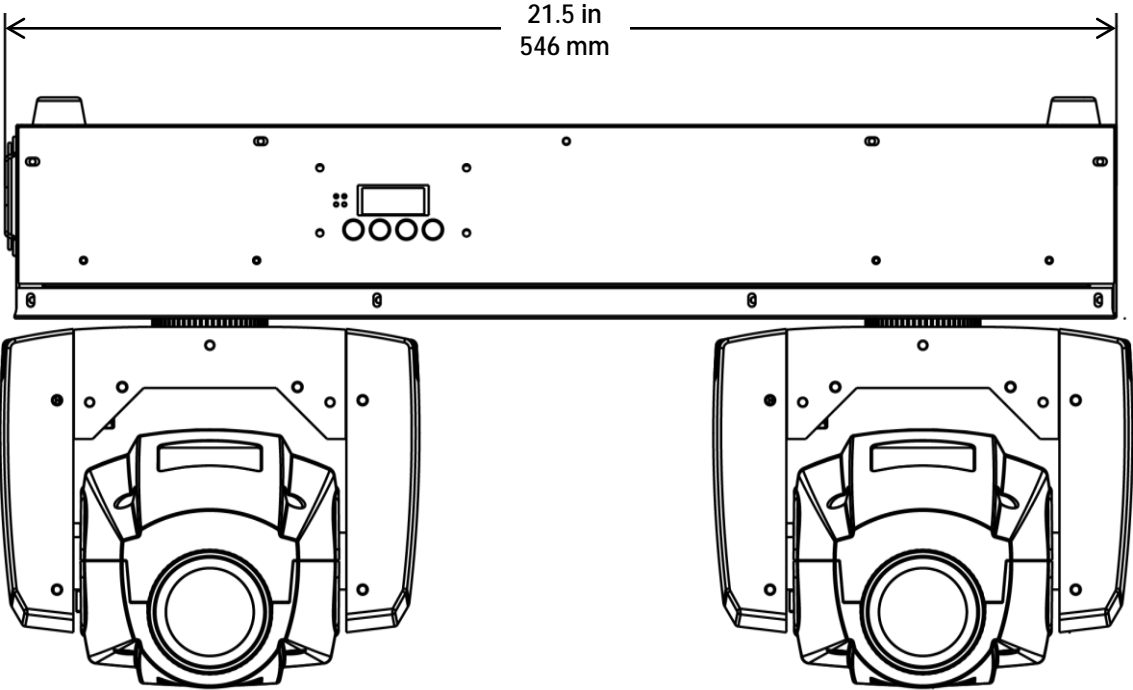Focusing
Lenses

Safety
Loop

DMX
In/Out

Tripod Adjustment
Knob

Power In

Power Out

Fuse
Holder

Moving
Yokes

Cooling Fan

Back Panel View

Dimensions

21.5 in
546 mm

11.4 in
290 mm

7 in
179 mm
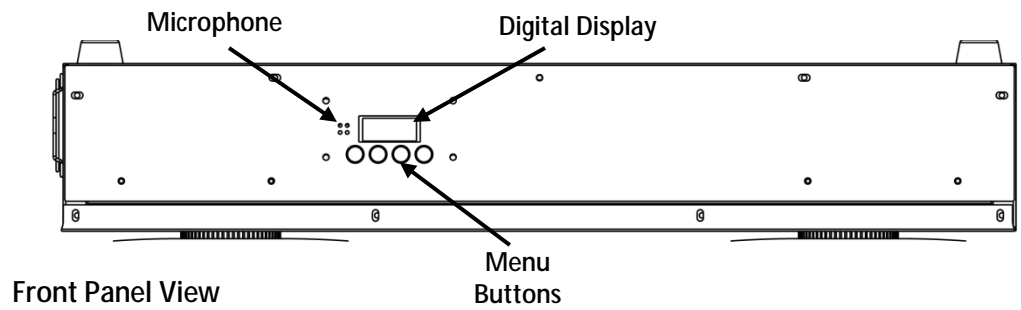
3. SETUP

AC Power The Intimidator™ Spot Duo 150 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

⚠ **Disconnect the product from power before replacing the fuse.**

1. Disconnect the product from power.
2. With 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.
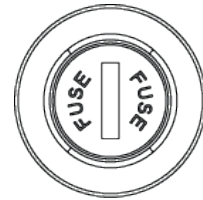
⚠ **Always replace a blown fuse with another of the same type and rating.**

Power Linking The product provides power linking via the Edison/IEC outlet located in the back of the unit.

Power Linking Diagram

1ˢᵗ Product

2ⁿᵈ Product

3ʳᵈ Product

Additional Products
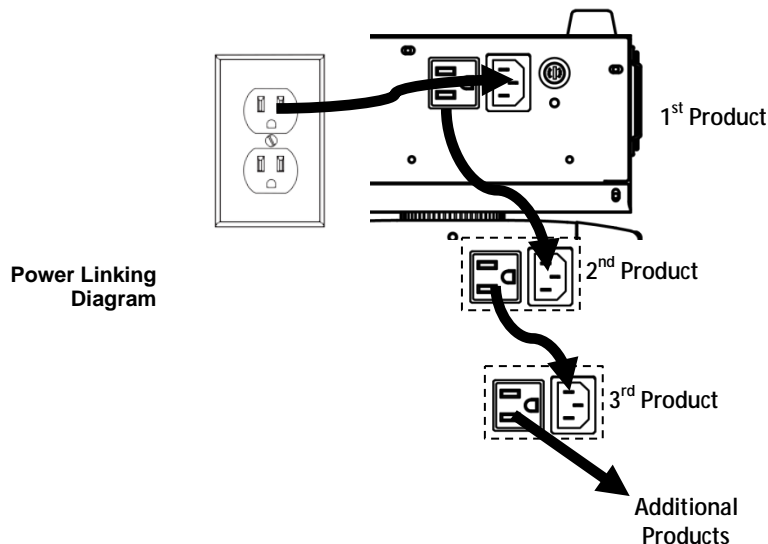
ⓘ **You can power link up to 5 Intimidator™ Spot Duo 150 units on 120 VAC or up to 9 Intimidator™ Spot Duo 150 units on 230 VAC.**

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

Mounting

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

Orientation

The Intimidator™ Spot Duo 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.
- Make sure that the structure or surface onto which you are mounting the product can support the product's weight (see the Technical Specifications).
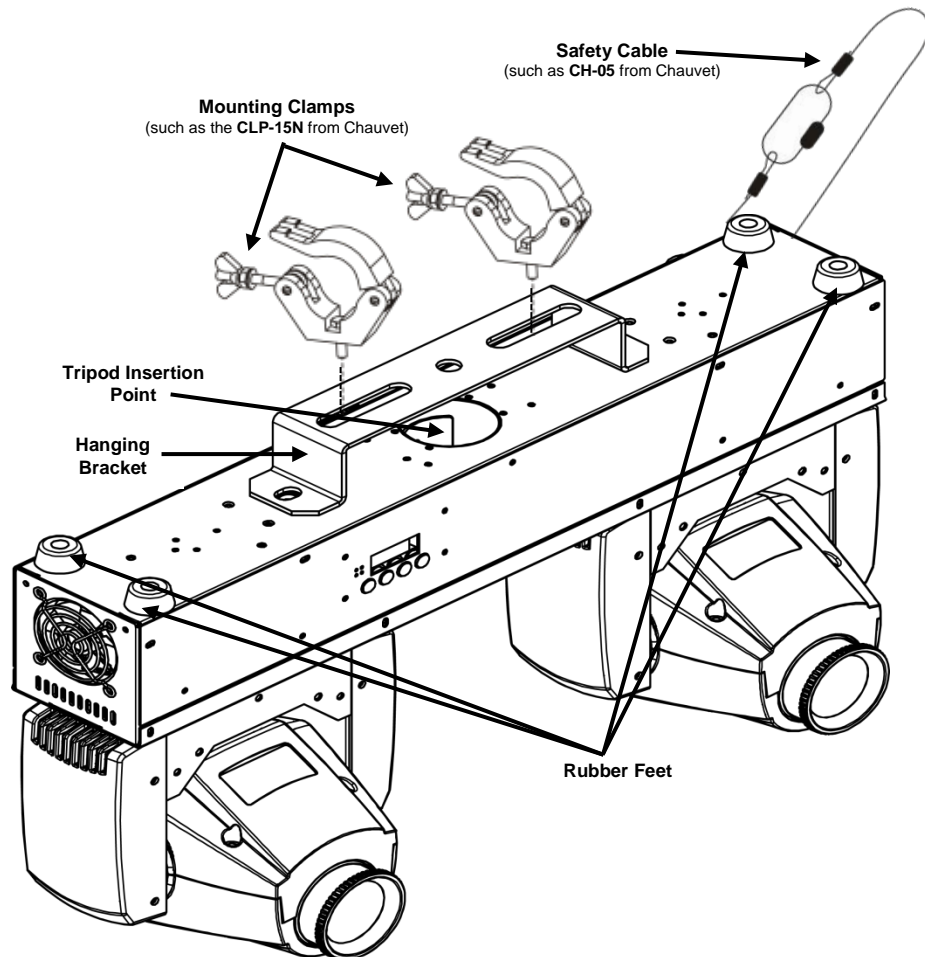- When mounting the product overhead, always use a safety cable (such as **CH-05** from Chauvet). Mount the product securely to a rigging point, such as an elevated platform or a truss.
- When rigging the product onto a truss, you should use a mounting clamp of appropriate weight capacity. The bracket has 13-mm holes, which are 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.
- Only loosen or tighten the tripod adjustment knob manually. Using tools could damage the knob.
- 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

Safety Cable
(such as **CH-05** from Chauvet)

Mounting Clamps
(such as the **CLP-15N** from Chauvet)

Tripod Insertion Point

Hanging Bracket

Rubber Feet

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

4. OPERATION

Control Panel Operation

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

Button	Function
<MENU>	Exits from the current menu or function
<UP>	Navigates upwards through the menu list and increases the numeric value when in a function
<DOWN>	Navigates downwards through the menu list and decreases the numeric value when in a function
<ENTER>	Enables the currently displayed menu or sets the currently selected value into the selected function

Menu Map

Modes	Programming Levels	Description
DMX Address	**d001–d512**	Sets the DMX starting address
Automatic	**A-01–A-16**	Automatic mode
Sound-Active	**Srun**	Sound-Active mode
Slave	**Son1**	Slave operating mode 1
	Son2	Slave operating mode 2
Sound Sensitivity	**S-01–S-99**	Sound sensitivity control
Master Auto	**M--4**	Master built-in 4-head program
	M--2	Master built-in 2-head program
Pan 1	**PA1**	Normal pan operation for head 1
	rPA1	Reverse pan operation for head 1
Pan 2	**PA2**	Normal pan operation for head 2
	rPA2	Reverse pan operation for head 2
Tilt 1	**ti1**	Normal tilt operation for head 1
	rti1	Reverse tilt operation for head 1
Tilt 2	**ti2**	Normal tilt operation for head 2
	rti2	Reverse tilt operation for head 2
Display	**diS**	Normal display
	rdiS	Inverted display
Channel Mode	**20CH**	20-channel DMX personality
	17CH	17-channel DMX personality
	10CH	10-channel DMX personality
Pan Range	**PA36**	360° pan range
	PA18	180° pan range
Tilt Range	**ti27**	270° tilt range
	ti18	180° tilt range
	ti 9	90° tilt range
Reset	**rESt**	Resets product
Load	**LoAd**	Loads 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. 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 Duo 150 uses up to 20 DMX channels in its 20-channel DMX mode, which defines the highest configurable address to **493**.

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

To select the starting address, do the following:

1. Press **<MENU>** repeatedly until **d001**—**d512** shows on the display.
2. Use **<UP>** or **<DOWN>** to select the starting address.
3. Press **<ENTER>**.

DMX Personalities

The Intimidator™ Spot Duo 150 has three DMX personalities: a 10-channel personality, a 17-channel personality, and a 20-channel personality.
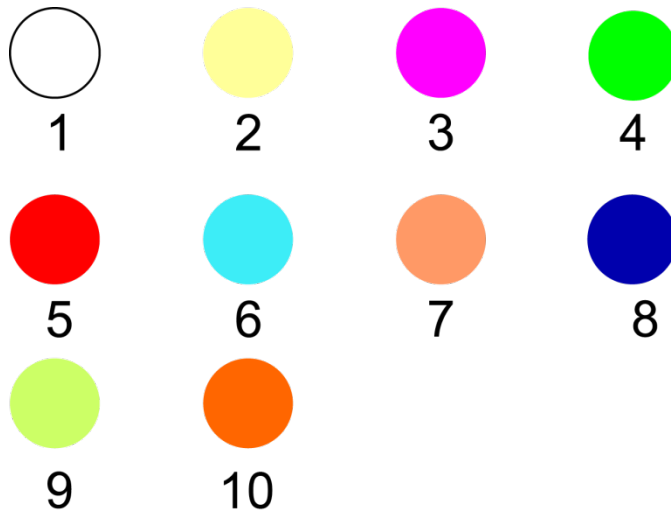
To choose a DMX personality, follow the steps below:

1. Press **<MENU>** repeatedly until **10CH**, **17CH**, or **20CH** shows on the display.
2. Use **<UP>** or **<DOWN>** to select the personality.
3. Press **<ENTER>.**

DMX Channel Modes, Assignments, and Values

20CH

Channel	Function	Value	Setting
1	**Pan 1**	000◆255	Pan 0–360° for head 1
2	**Fine Pan 1**	000◆255	Fine panning control for head 1
3	**Tilt 1**	000◆255	Tilt 0–270° for head 1
4	**Fine Tilt 1**	000◆255	Fine tilting control for head 1
5	**Pan 2**	000◆255	Pan 0–360° for head 2
6	**Fine Pan 2**	000◆255	Fine panning control for head 2
7	**Tilt 2**	000◆255	Tilt 0–270° for head 2
8	**Fine Tilt 2**	000◆255	Fine tilting control for head 2
9	**Speed**	000◆255	Pan/Tilt speed (fast to slow)
10	**Color Wheel 1 (Head 1)**	000◆005	White
		006◆011	Yellow
		012◆017	Magenta
		018◆023	Green
		024◆029	Red
		030◆035	Cyan
		036◆041	Orange
		042◆047	Blue
		048◆053	Light Green
		054◆063	Amber
		064◆069	White + Yellow
		070◆075	Yellow + Magenta
		076◆081	Magenta + Green
		082◆087	Green + Red
		088◆093	Red + Cyan
		094◆099	Cyan + Orange
		100◆105	Orange + Blue
		106◆111	Blue + Light Green
		112◆117	Light Green + Amber
		118◆127	Amber + White
		128◆191	Rainbow effect with increasing speed
		192◆255	Reverse rainbow effect with increasing speed

Color Wheel

1 — White
2 — Yellow
3 — Magenta
4 — Green
5 — Red
6 — Cyan
7 — Orange
8 — Blue
9 — Light Green
10 — Orange

20CH (cont.)	Channel	Function	Value	Setting
	11	**Color Wheel 2 (Head 2)**	000➜005	White
			006➜011	Yellow
			012➜017	Magenta
			018➜023	Green
			024➜029	Red
			030➜035	Cyan
			036➜041	Orange
			042➜047	Blue
			048➜053	Light Green
			054➜063	Amber
			064➜069	White + Yellow
			070➜075	Yellow + Magenta
			076➜081	Magenta + Green
			082➜087	Green + Red
			088➜093	Red + Cyan
			094➜099	Cyan + Orange
			100➜105	Orange + Blue
			106➜111	Blue + Light Green
			112➜117	Light Green + Amber
			118➜127	Amber + White
			128➜191	Rainbow effect with increasing speed
			192➜255	Reverse rainbow effect with increasing speed

	12	**Gobo Wheel 1 (Head 1)**		

000 -005   006 - 011   012 - 017   018 - 023   024 - 029

030 - 035   036 - 041   042 - 047   048 - 053   054 - 063

Value	Setting
064➜073	Gobo 9 shake with increasing speed
074➜079	Gobo 8 shake with increasing speed
080➜085	Gobo 7 shake with increasing speed
086➜091	Gobo 6 shake with increasing speed
092➜097	Gobo 5 shake with increasing speed
098➜103	Gobo 4 shake with increasing speed
104➜109	Gobo 3 shake with increasing speed
110➜115	Gobo 2 shake with increasing speed
116➜121	Gobo 1 shake with increasing speed
122➜127	Open
128➜191	Cycle effect with increasing speed
192➜255	Reverse cycle effect with increasing speed

20CH (cont.)	Channel	Function	Value	Setting
			000 -005 / 006 - 011 / 012 - 017 / 018 - 023 / 024 - 029	
			030 - 035 / 036 - 041 / 042 - 047 / 048 - 053 / 054 - 063	
	13	**Gobo Wheel 2 (Head 2)**	064⭤073	Gobo 9 shake with increasing speed
			074⭤079	Gobo 8 shake with increasing speed
			080⭤085	Gobo 7 shake with increasing speed
			086⭤091	Gobo 6 shake with increasing speed
			092⭤097	Gobo 5 shake with increasing speed
			098⭤103	Gobo 4 shake with increasing speed
			104⭤109	Gobo 3 shake with increasing speed
			110⭤115	Gobo 2 shake with increasing speed
			116⭤121	Gobo 1 shake with increasing speed
			122⭤127	Open
			128⭤191	Cycle effect with increasing speed
			192⭤255	Reverse cycle effect with increasing speed
	14	**Dimmer 1**	000⭤255	Dimmer for head 1 (0–100%)
	15	**Dimmer 2**	000⭤255	Dimmer for head 2 (0–100%)
	16	**Shutter 1 (Head 1)**	000⭤003	Light off
			004⭤007	Light on
			008⭤076	Shutter with increasing speed
			077⭤145	Pulse strobe
			146⭤215	Random strobe
			216⭤255	Light on
	17	**Shutter 2 (Head 2)**	000⭤003	Light off
			004⭤007	Light on
			008⭤076	Shutter with increasing speed
			077⭤145	Pulse strobe
			146⭤215	Random strobe
			216⭤255	Light on

20CH (cont.)	Channel	Function	Value	Setting	
	18	Control Functions	000–009	No function	
			010–014	Pan/Tilt blackout	
			015–019	Color blackout	
			020–024	Gobo blackout	
			025–029	Pan/Tilt/Color blackout	
			030–034	Pan/Tilt/Gobo blackout	
			035–039	Color/Gobo blackout	
			040–044	Pan/Tilt/Color/Gobo blackout	
			045–049	No function	
			050–054	First two heads setting	
			055–059	Latter two heads setting	
			060–064	Cancel four heads	
			065–069	No function	
			070–074	Reset	
			075–079	No function	
			080–084	Reverse pan/tilt for both heads	
			085–089	Reverse pan for head 1	
			090–094	Reverse pan for head 2	
			095–099	Reverse tilt for head 1	
			100–104	Reverse tilt for head 2	
			105–109	Cancel reverse pan for head 1	
			110–114	Cancel reverse pan for head 2	
			115–119	Cancel reverse tilt for head 1	
			120–124	Cancel reverse tilt for head 2	
			125–129	Cancel reverse pan/tilt for both heads	
			130–135	No function	
			136–175	Strobe Pattern 1 with increasing speed	When Channel 19 is active
			176–215	Strobe Pattern 2 with increasing speed	
			216–255	Strobe Pattern 3 with increasing speed	
	19	Movement Macros	000–007	No function	
			008–022	Movement macro 1	
			023–037	Movement macro 2	
			038–052	Movement macro 3	
			053–067	Movement macro 4	
			068–082	Movement macro 5	
			083–097	Movement macro 6	
			098–112	Movement macro 7	
			113–127	Movement macro 8	
			128–142	Movement macro 9	
			143–157	Movement macro 10	
			158–172	Movement macro 11	
			173–187	Movement macro 12	
			188–202	Movement macro 13	
			203–217	Movement macro 14	
			218–232	Movement macro 15	
			233–247	Movement macro 1–15	
			248–255	Sound-Active program	
	20	Movement Macro Speed	000–255	Fast to slow	

17CH	Channel	Function	Value	Setting
	1	**Pan 1**	000–255	Pan 0–360° for head 1
	2	**Fine Pan 1**	000–255	Fine panning control for head 1
	3	**Tilt 1**	000–255	Tilt 0–270° for head 1
	4	**Fine Tilt 1**	000–255	Fine tilting control for head 1
	5	**Pan 2**	000–255	Pan 0–360° for head 2
	6	**Fine Pan 2**	000–255	Fine panning control for head 2
	7	**Tilt 2**	000–255	Tilt 0–270° for head 2
	8	**Fine Tilt 2**	000–255	Fine tilting control for head 2
	9	**Speed**	000–255	Pan/Tilt speed (fast to slow)
	10	**Color Wheel (Both Heads)**	000–005	White
			006–011	Yellow
			012–017	Magenta
			018–023	Green
			024–029	Red
			030–035	Cyan
			036–041	Orange
			042–047	Blue
			048–053	Light Green
			054–063	Amber
			064–069	White + Yellow
			070–075	Yellow + Magenta
			076–081	Magenta + Green
			082–087	Green + Red
			088–093	Red + Cyan
			094–099	Cyan + Orange
			100–105	Orange + Blue
			106–111	Blue + Light Green
			112–117	Light Green + Amber
			118–127	Amber + White
			128–191	Rainbow effect with increasing speed
			192–255	Reverse rainbow effect with increasing speed
	11	**Gobo Wheel (Both Heads)**		

000 -005 006 - 011 012 - 017 018 - 023 024 - 029

030 - 035 036 - 041 042 - 047 048 - 053 054 - 063

17CH	Channel	Function	Value	Setting
	11	**Gobo Wheel (Both Heads)**	064–073	Gobo 9 shake with increasing speed
			074–079	Gobo 8 shake with increasing speed
			080–085	Gobo 7 shake with increasing speed
			086–091	Gobo 6 shake with increasing speed
			092–097	Gobo 5 shake with increasing speed
			098–103	Gobo 4 shake with increasing speed
			104–109	Gobo 3 shake with increasing speed
			110–115	Gobo 2 shake with increasing speed
			116–121	Gobo 1 shake with increasing speed
			122–127	Open
			128–191	Cycle effect with increasing speed
			192–255	Reverse cycle effect with increasing speed

17CH (cont.)	Channel	Function	Value	Setting	
	12	**Dimmer 1**	000–255	Dimmer for head 1 (0–100%)	
	13	**Dimmer 2**	000–255	Dimmer for head 2 (0–100%)	
	14	**Shutter (Both Heads)**	000–003	Light off	
			004–007	Light on	
			008–076	Shutter with increasing speed	
			077–145	Pulse strobe	
			146–215	Random strobe	
			216–255	Light on	
	15	**Control Functions**	000–009	No function	
			010–014	Pan/Tilt blackout	
			015–019	Color blackout	
			020–024	Gobo blackout	
			025–029	Pan/Tilt/Color blackout	
			030–034	Pan/Tilt/Gobo blackout	
			035–039	Color/Gobo blackout	
			040–044	Pan/Tilt/Color/Gobo blackout	
			045–049	No function	
			050–054	First two heads setting	
			055–059	Latter two heads setting	
			060–064	Cancel four heads	
			065–069	No function	
			070–074	Reset	
			075–079	No function	
			080–084	Reverse pan/tilt for both heads	
			085–089	Reverse pan for head 1	
			090–094	Reverse pan for head 2	
			095–099	Reverse tilt for head 1	
			100–104	Reverse tilt for head 2	
			105–109	Cancel reverse pan for head 1	
			110–114	Cancel reverse pan for head 2	
			115–119	Cancel reverse tilt for head 1	
			120–124	Cancel reverse tilt for head 2	
			125–129	Cancel reverse pan/tilt for both heads	
			130–135	No function	
			136–175	Strobe Pattern 1 with increasing speed	When Channel 16 is active
			176–215	Strobe Pattern 2 with increasing speed	
			216–255	Strobe Pattern 3 with increasing speed	

Channel	Function	Value	Setting
		000⊸007	No function
		008⊸022	Movement macro 1
		023⊸037	Movement macro 2
		038⊸052	Movement macro 3
		053⊸067	Movement macro 4
		068⊸082	Movement macro 5
		083⊸097	Movement macro 6
		098⊸112	Movement macro 7
16	**Movement Macros**	113⊸127	Movement macro 8
		128⊸142	Movement macro 9
		143⊸157	Movement macro 10
		158⊸172	Movement macro 11
		173⊸187	Movement macro 12
		188⊸202	Movement macro 13
		203⊸217	Movement macro 14
		218⊸232	Movement macro 15
		233⊸247	Movement macro 1–15
		248⊸255	Sound-Active program
17	**Movement Macro Speed**	000⊸255	Fast to slow

10CH	Channel	Function	Value	Setting
	1	Pan	000–255	Pan 0–360° for both heads
	2	Tilt	000–255	Tilt 0–270° for both heads
	3	Color Wheel (Both Heads)	000–005	White
			006–011	Yellow
			012–017	Magenta
			018–023	Green
			024–029	Red
			030–035	Cyan
			036–041	Orange
			042–047	Blue
			048–053	Light Green
			054–063	Amber
			064–069	White + Yellow
			070–075	Yellow + Magenta
			076–081	Magenta + Green
			082–087	Green + Red
			088–093	Red + Cyan
			094–099	Cyan + Orange
			100–105	Orange + Blue
			106–111	Blue + Light Green
			112–117	Light Green + Amber
			118–127	Amber + White
			128–191	Rainbow effect with increasing speed
			192–255	Reverse rainbow effect with increasing speed

000 -005   006 - 011   012 - 017   018 - 023   024 - 029

030 - 035   036 - 041   042 - 047   048 - 053   054 - 063

10CH	Channel	Function	Value	Setting
	4	Gobo Wheel (Both Heads)	064–073	Gobo 9 shake with increasing speed
			074–079	Gobo 8 shake with increasing speed
			080–085	Gobo 7 shake with increasing speed
			086–091	Gobo 6 shake with increasing speed
			092–097	Gobo 5 shake with increasing speed
			098–103	Gobo 4 shake with increasing speed
			104–109	Gobo 3 shake with increasing speed
			110–115	Gobo 2 shake with increasing speed
			116–121	Gobo 1 shake with increasing speed
			122–127	Open
			128–191	Cycle effect with increasing speed
			192–255	Reverse cycle effect with increasing speed
	5	Dimmer 1	000–255	Dimmer for head 1 (0–100%)
	6	Dimmer 2	000–255	Dimmer for head 2 (0–100%)
	7	Shutter (Both Heads)	000–003	Light off
			004–007	Light on
			008–076	Shutter with increasing speed
			077–145	Pulse strobe
			146–215	Random strobe
			216–255	Light on

Channel	Function	Value	Setting	
		000–009	No function	
		010–014	Pan/Tilt blackout	
		015–019	Color blackout	
		020–024	Gobo blackout	
		025–029	Pan/Tilt/Color blackout	
		030–034	Pan/Tilt/Gobo blackout	
		035–039	Color/Gobo blackout	
		040–044	Pan/Tilt/Color/Gobo blackout	
		045–049	No function	
		050–054	First two heads setting	
		055–059	Latter two heads setting	
		060–064	Cancel four heads	
		065–069	No function	
		070–074	Reset	
8	Control Functions	075–079	No function	
		080–084	Reverse pan/tilt for both heads	
		085–089	Reverse pan for head 1	
		090–094	Reverse pan for head 2	
		095–099	Reverse tilt for head 1	
		100–104	Reverse tilt for head 2	
		105–109	Cancel reverse pan for head 1	
		110–114	Cancel reverse pan for head 2	
		115–119	Cancel reverse tilt for head 1	
		120–124	Cancel reverse tilt for head 2	
		125–129	Cancel reverse pan/tilt for both heads	
		130–135	No function	
		136–175	Strobe Pattern 1 with increasing speed	When Channel 9 is active
		176–215	Strobe Pattern 2 with increasing speed	
		216–255	Strobe Pattern 3 with increasing speed	
		000–007	No function	
		008–022	Movement macro 1	
		023–037	Movement macro 2	
		038–052	Movement macro 3	
		053–067	Movement macro 4	
		068–082	Movement macro 5	
		083–097	Movement macro 6	
		098–112	Movement macro 7	
		113–127	Movement macro 8	
9	Movement Macros	128–142	Movement macro 9	
		143–157	Movement macro 10	
		158–172	Movement macro 11	
		173–187	Movement macro 12	
		188–202	Movement macro 13	
		203–217	Movement macro 14	
		218–232	Movement macro 15	
		233–247	Movement macro 1–15	
		248–255	Sound-Active program	
10	Movement Macro Speed	000–255	Fast to slow	

Configuration (Standalone)

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

· Connect the product to a suitable power outlet.

Never connect a product that is operating in any standalone mode to a DMX string connected to a DMX controller. Products in standalone mode may transmit DMX signals that could interfere with the DMX signals from the controller.

Sound-Active Mode

To enable the Sound-Active mode, do the following:
1. Press **<MENU>** repeatedly until **Srun** shows on the display.
2. Press **<ENTER>**.

Sound Sensitivity

To set the sound sensitivity, follow the instructions below:
1. Press **<MENU>** repeatedly until **S-01**—**S-99** shows on the display.
2. Use **<UP>** or **<DOWN>**: to select the desired sound sensitivity.
3. Press **<ENTER>**.

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

Automatic Mode

To enable the Automatic mode, do the following:
1. Press **<MENU>** repeatedly until **A-01**—**A-16** shows on the display.
2. Use **<UP>** or **<DOWN>** to select the desired auto program.
3. Press **<ENTER>**.

Pan Operation To select whether you want the Intimidator™ Spot Duo 150 to operate with normal panning or inverted panning, do the following:

Head 1:

1. Press **<MENU>** repeatedly until **PA1** (normal pan operation) or
    rPA1 (reverse pan operation) shows on the display.
2. Use **<UP>** or **<DOWN>** to select the desired pan operation.
3. Press **<ENTER>**.

Head 2:

Repeat steps 1 to 3 with the options **PA2** and **rPA2** for Head 2's pan operation.

Tilt Operation To select whether you want the Intimidator™ Spot Duo 150 to operate with normal tilting or inverted tilting, do the following:

Head 1:

1. Press **<MENU>** repeatedly until **ti1** (normal tilt operation) or
    rti1 (reverse tilt operation) shows on the display.
2. Use **<UP>** or **<DOWN>** to select the desired tilt operation.
3. Press **<ENTER>**.

Head 2:

Repeat steps 1 to 3 with the options **ti2** and **rti2** for Head 2's tilt operation.

Pan/Tilt Angle Range You are able to select the range for the pan and tilt angles on the Intimidator™ Spot Duo 150 to achieve the effect you like.

To select which pan angle range to use, follow the instructions below.

1. Press **<MENU>** repeatedly until either **PA36** (0–360° range) or
    PA18 (0–180° range) shows on the display.
2. Use **<UP>** or **<DOWN>** to select the desired pan range.
3. Press **<ENTER>.**

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

1. Press **<MENU>** repeatedly until **ti27** (0–270°), **ti18** (0–180°),
    or **ti 9** (0–90°) shows on the display.
2. Use **<UP>** or **<DOWN>** to select the desired tilt range.
3. Press **<ENTER>.**

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

To select your display angle:

1. Press **<MENU>** repeatedly until **diS** (normal display) or **rdiS** (inverted display)
    shows on the display.
2. Press **<UP>** or **<DOWN>** to select desired display.
3. Press **<ENTER>**.

Reset Software To reset the software on the Intimidator™ Spot Duo 150, do the following:

1. Press **<MENU>** and until **rESt** shows on the display.
2. Press **<ENTER>**.

Load Factory Defaults To load the factory default settings on the Intimidator™ Spot Duo 150, do the following:

1. Press **<MENU>** until **LoAd** shows on the display.
2. Press **<ENTER>**.

Master Auto Programs

The Master Auto built-in programs control the actions of two Intimidator™ Spot Duo 150 units linked together by DMX data connection. A single Intimidator™ Spot Duo 150 (the master) controls the actions of another Intimidator™ Spot Duo 150 (the slave). Configure the Master Auto programs in conjunction with the Slave modes as follows.

Master Auto 4-Head Program

The Master Auto 4-Head program allows all 4 heads of two linked Intimidator™ Spot Duo 150 units to operate in unison. The master will be set to operate in the **M--4** program, while the slave will be set to operate in either **Son1** or **Son2** mode.

Configure the units as indicated below.

Master:
1. Press **<MENU>** repeatedly until **M--2** or **M--4** shows on the display.
2. If it is not already selected, use **<UP>** or **<DOWN>** to select **M--4**.
3. Press **<ENTER>**.

Slave:
1. Press **<MENU>** repeatedly until **Son1** or **Son2** shows on the display.
2. Use **<UP>** or **<DOWN>** to select either **Son1** or **Son2**.
   · Select **Son1** for 100% synchronized actions.
   · Select **Son2** for a delayed show with all 4 heads in the same direction.
4. Press **<ENTER>**.

· **Configure all the slaves 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.**

· **Do not connect more than 31 slaves to the master unit.**

Master Auto 2-Head Program

The Master Auto 2-Head program allows a single Intimidator™ Spot Duo 150 to control the actions of another Intimidator™ Spot Duo 150. The master will be set to operate in the **M--2** program, while the slave will be set to operate in either **Son1** or **Son2** mode.

Configure the units as indicated below.

Master:
1. Press **<MENU>** repeatedly until **M--2** or **M--4** shows on the display.
2. If it is not already selected, use **<UP>** or **<DOWN>** to select **M--2**.
3. Press **<ENTER>**.

Slave:
1. Press **<MENU>** repeatedly until **Son1** or **Son2** shows on the display.
2. Press **<UP>** or **<DOWN>** to select either **Son1** or **Son2**.
   · Select **Son1** for 100% synchronized actions.
   · Select **Son2** for the same show with both units, but the actions of the slave are in the opposite direction of the actions of the master.
3. Press **<ENTER>**.

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

· **Never connect a DMX controller to a DMX string configured for Master/Slave operation because the controller may interfere with the signals from the master.**

· **Do not connect more than 31 slaves to the master unit.**

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 and mechanical wear. To maintain optimum performance and minimize wear, clean the product at least twice a month. However, usage and environmental conditions contribute to increased 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 and reachable internal components.
4. Clean all external optics and 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 wipe any dirt or grime to the outside edges of the external optics or glass/transparent surface.
7. Gently polish the external optics and glass/transparent surfaces until they are free of haze and lint.

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

Do not spin the cooling fan using compressed air because you could damage it.

6. TECHNICAL SPECIFICATIONS

Dimensions and Weight

Length	Width	Height	Weight
21.5 in (546 mm)	7 in (179 mm)	11.4 in (290 mm)	18.6 lb (8.4 kg)

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

Power

Power Supply Type	Range	Voltage Selection
Switching (internal)	100 to 240 V, 50/60 Hz	Auto-ranging

Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	101 W	100 W
Operating current	1.6 A	0.9 A
Power linking current (units)	8 A (5 units)	8 A (9 units)
Fuse	F 3 A, 250 V	F 3 A, 250 V

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

Light Source (per Head)

Type	Power	Lifespan
LED	25 W	50,000 hours

Color	Quantity	Current
White	1	1.5 A

Photometrics (per Head)

Parameter		
Illuminance	4,300 lux @ 2 m	
Beam angle	15°	
Strobe rate	0 to 17 Hz	
Pan & Tilt	360° Pan	270° Tilt
Pan/Tilt Ranges	360°, 180° Pan	270°, 180°, 90° Tilt

Thermal

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

DMX

I/O Connectors	Channel Range
3-pin XLR	10, 17 or 20

Ordering

Product Name	Item Code	UPC Number
Intimidator™ Spot Duo 150	08010940	781462212889

RoHS

CE
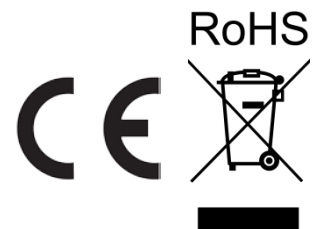
To return a product or request support:

- 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, Mexico, or Ireland.

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

WORLD HEADQUARTERS - Chauvet

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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.