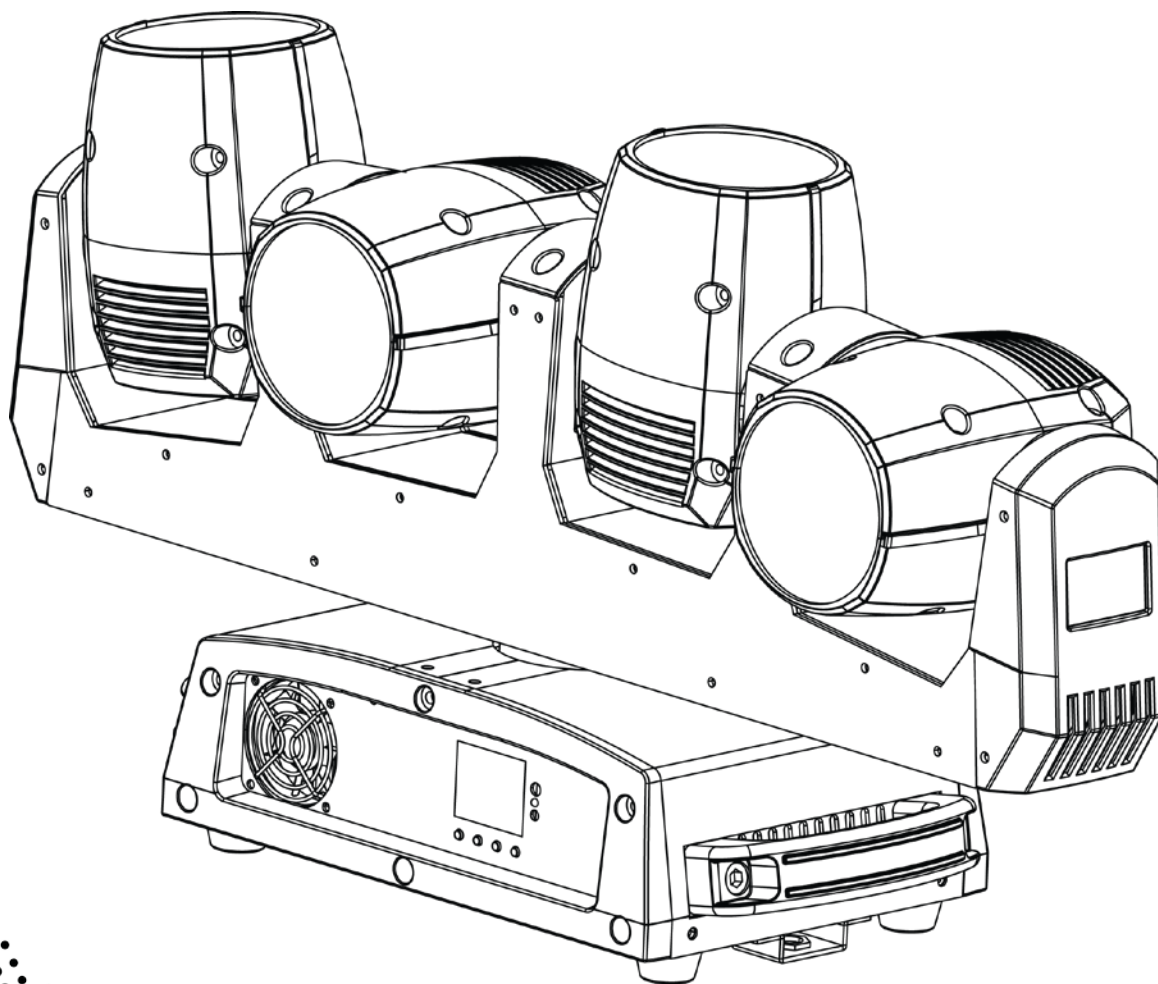


INTIMIDATOR™ WAVE 360 IRC

User Manual



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1. BEFORE YOU BEGIN

What Is Included

- Intimidator™ Wave 360 IRC
- 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 User Manual are subject to change without notice. Chauvet assumes no responsibility or liability for any errors or omissions, and reserves the right to revise or recreate this manual at any time. Download the latest version from www.chauvetlighting.com.

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Product at a Glance

Use on Dimmer	X	Auto Programs	P
Outdoor Use	X	Auto-ranging Power Supply	P
Sound-Activated	P	Replaceable Fuse	P
DMX	P	User-Serviceable	X
Master/Slave	P		

Safety Notes

These notes include important information about the mounting, usage, and maintenance of this product; read before using the product.



- 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 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.



- 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 or 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.
- This product is not intended for permanent installation.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from the power via breaker or by unplugging it.

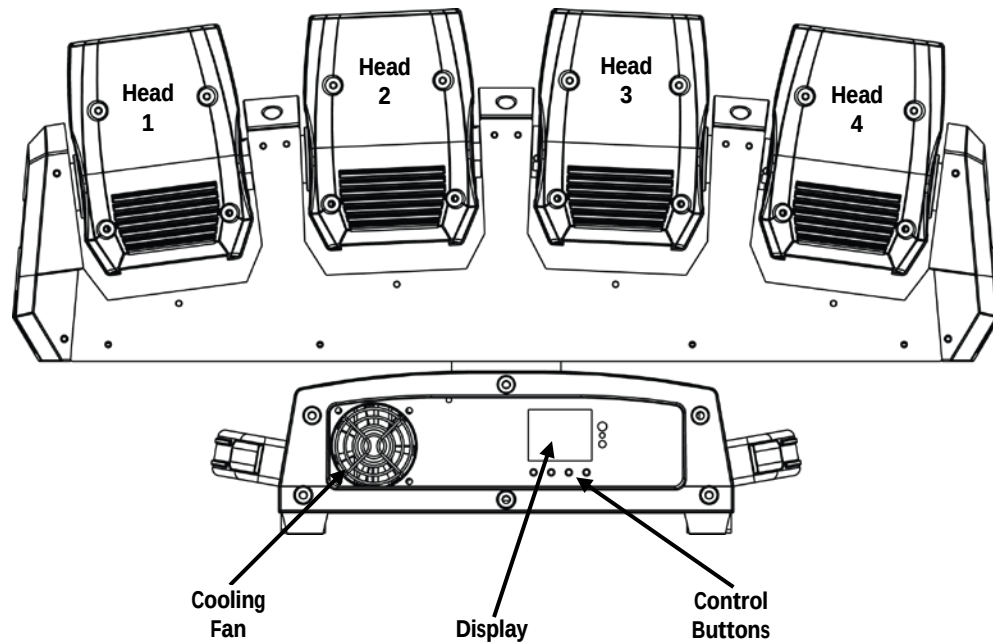


Keep this User Manual for future use. If you sell the product to another user, be sure to give this document to the next owner.

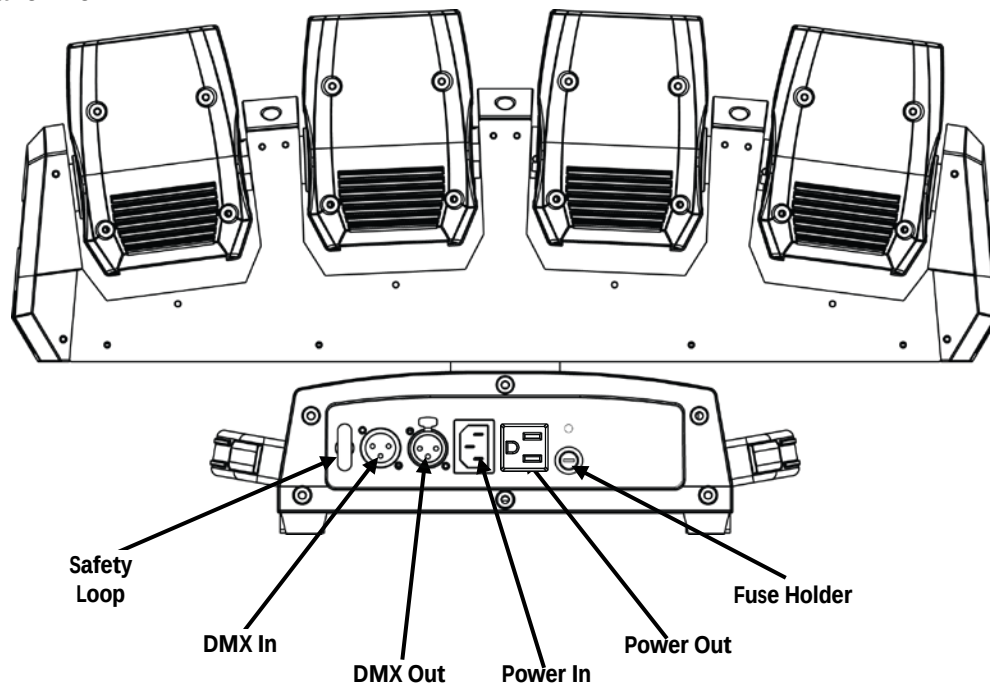
2. INTRODUCTION

Overview

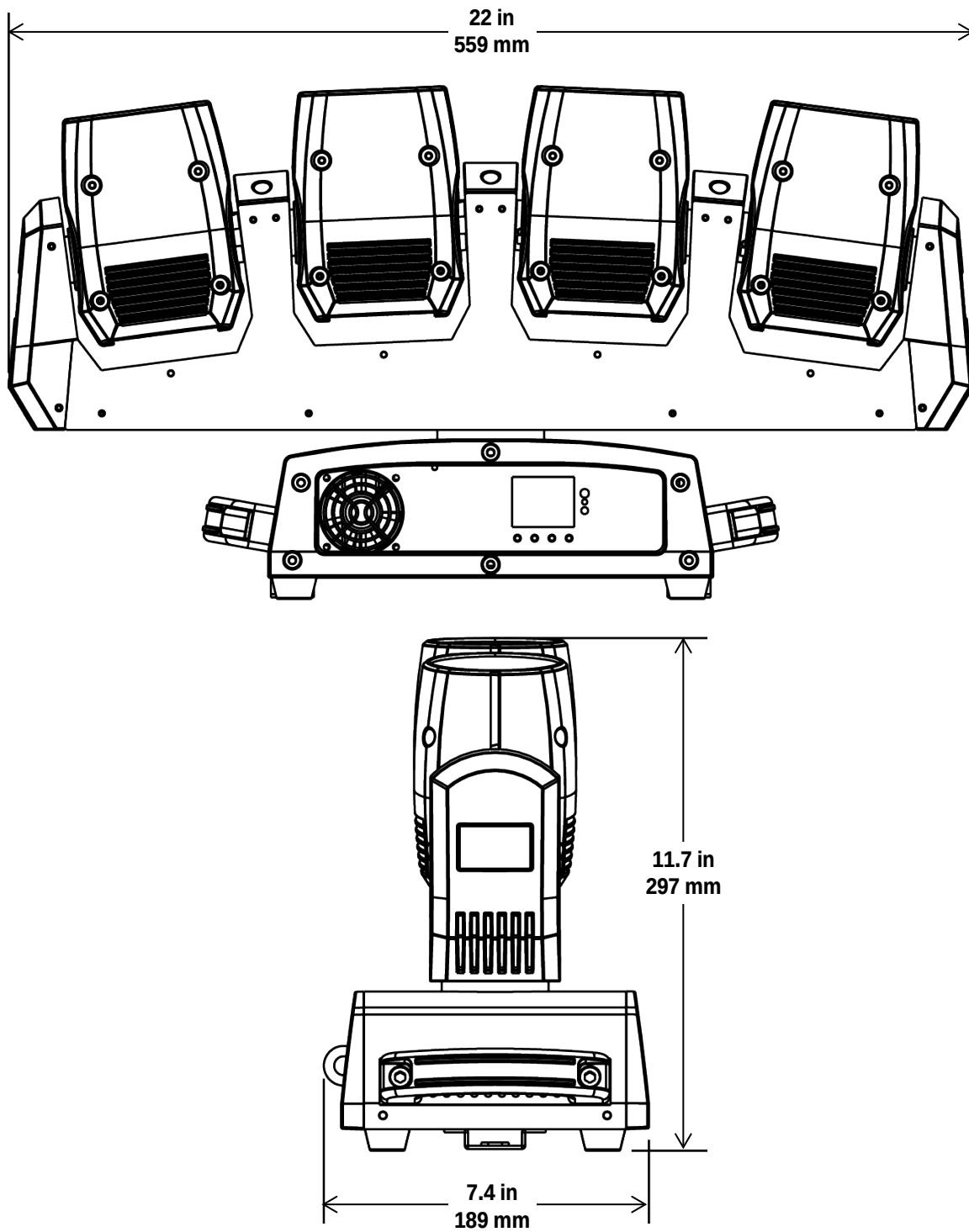
Front Panel View



Back Panel View



Dimensions



3. SETUP

AC Power The Intimidator™ Wave 360 IRC 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.



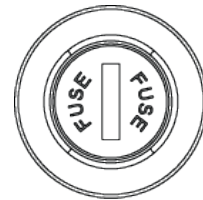
Always connect the product to a protected circuit (circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.



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.

Fuse Replacement

1. Disconnect the product from power.
2. Use a flat-head screwdriver to 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.

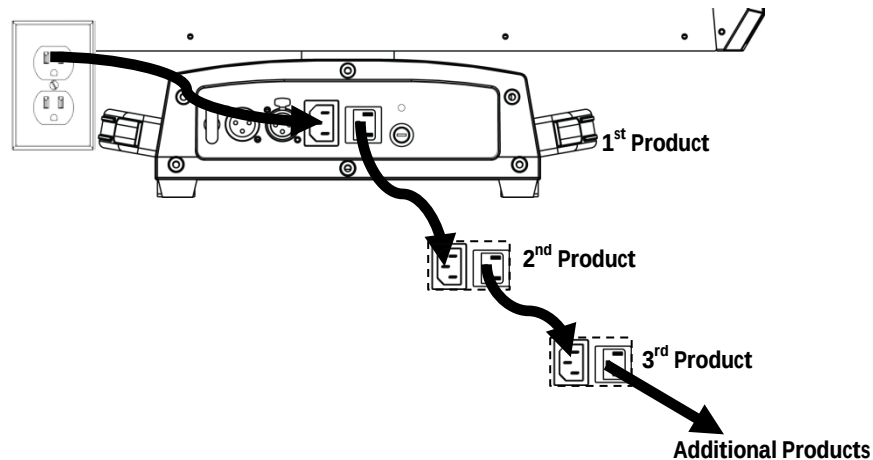


Always replace a blown fuse with another of the same type and rating.

Power Linking

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

Power Linking Diagram



You can power link up to 3 Intimidator™ Wave 360 IRC units on 120 VAC or up to 6 Intimidator™ Wave 360 IRC units on 230 VAC.



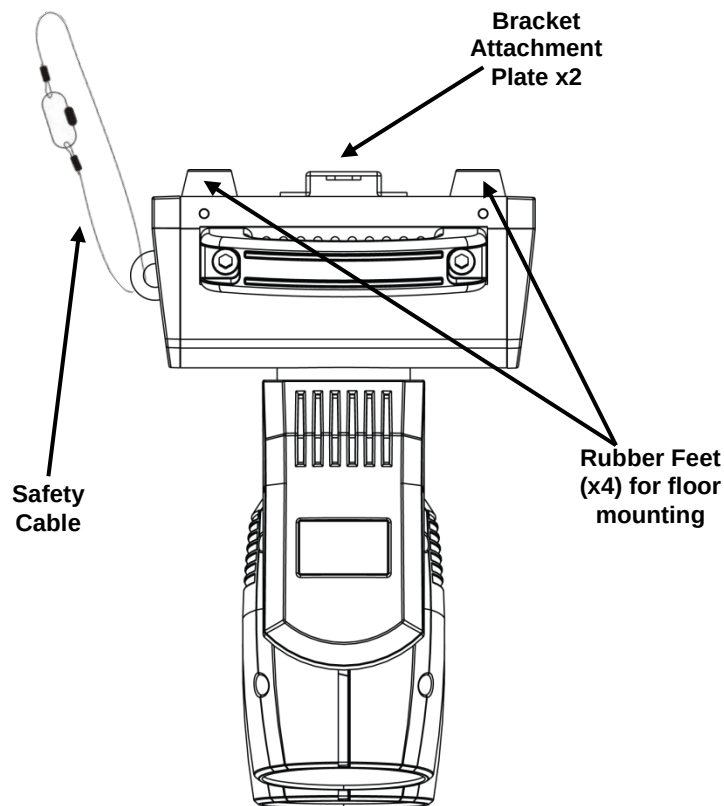
The power linking diagram shown above corresponds to the North American version of the product ONLY! If using the product in other markets, you must consult with the local Chauvet distributor as power linking connectors and requirements may differ in your country or region.

Mounting Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes. For our CHAUVET® line of mounting clamps, go to www.chauvetlighting.com/cables-clamps-main.html/.

Orientation The Intimidator™ Wave 360 IRC 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 mounting clamps (such as **CLP-15** from Chauvet) 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.
 - The mounting bracket also allows for surface mounting. When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.

Mounting Diagram



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>	Selects an operation mode or backs out of the current menu option
<UP>	Scrolls up the list of options or selects a higher value
<DOWN>	Scrolls down the list of options or selects a lower value
<ENTER>	Activates a menu option or a selected value

Menu Map

Mode	Programming Levels		Description
Address	001–512		Sets DMX starting address
Run Mode	DMX	17CH	Sets DMX personality
		33CH	
	Auto	Auto01–Auto16	Sets an auto program
	Sound		Sets Sound mode
	Slave	S-1–S-4	Sets a Slave mode
	IR		Sets Infrared mode
Setup	Mast Set	M-1–M-4	Sets a Master mode of M-1, M-2 or M-4
	Pan Reverse	ON	Sets reverse pan operation
		OFF	
	Tilt Reverse	ON	Sets reverse tilt operation
		OFF	
	Pan Angle	540	Sets pan angle range
		360	
		180	
	Tilt Angle	90	Sets tilt angle range
		180	
		270	
	Display	ON	Sets display blackout
		OFF	
	Screen Rev	ON	Sets screen orientation
		OFF	
	Dimmer Curve	Linear	Sets the dimmer curve mode
		SCurve	
		I Squa	
		Square	
	Dimmer Speed	Smooth	Sets the dimmer speed
		Fast	
	Sensitivity	1–100	Sets sound sensitivity
	Reset		Resets all motor defaults
	Factory Reset		Resets to factory defaults
System Info	Ver XX		Displays software version
	Running Mode XXXXX		Displays current operating mode
	DMX Address XXX		Displays current DMX address

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 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™ Wave 360 IRC uses up to 33 DMX channels in its 33-channel personality, which defines the highest configurable address to **480**.

If unfamiliar with DMX, download the DMX Primer from www.chauvetlighting.com.

To select the starting address, do the following:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select the **Address**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to enter your starting address.
5. Press **<ENTER>**.

DMX Personalities

The Intimidator™ Wave 360 IRC has two DMX personalities, a 33-channel personality and a 17-channel personality.

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

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **DMX**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select your DMX personality and press **<ENTER>**.

Master Auto Programs

The Master Auto built-in programs control the actions of two or more Intimidator™ Wave 360 IRC units linked together by DMX data connection. A single Intimidator™ Wave 360 IRC (the master) controls the actions of another Intimidator™ Wave 360 IRC (the slave). Configure the Master Auto programs in conjunction with the Slave modes as follows:

4-Fixture Program

The Master Auto 4-Head program allows all 4 heads of four linked Intimidator™ Wave 360 IRC units to operate in unison. The master unit will be set to operate in the M-4 program, while the slave unit will be set to operate in either Slave S-1, Slave S-2, Slave S-3, or Slave S-4 mode.

Configure the units as indicated below.

Master unit:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Mast Set**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to scroll to **M-1**, **M-2**, or **M-4**.
7. Press **<ENTER>**.
8. Use **<UP>** or **<DOWN>** to select **M-4**.
9. Press **<ENTER>**.

Slave unit:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Slave S-1**, **Slave S-2**, **Slave S-3**, or **Slave S-4**.
5. Press **<ENTER>**.
6. Select **Slave S-1** for 100% synchronized actions.
7. Select **Slave S-2**, **S-3** or **S-4** for a delayed show with up to 4 fixtures, for up to 16 heads total, in the same direction but with a delay creating a wave effect.
8. Press **<ENTER>**.

2-Fixture Program

The Master Auto 2-Head program allows a single Intimidator™ Wave 360 IRC to control the actions of another Intimidator™ Wave 360 IRC. The master unit will be set to operate in the M-2 program, while the slave unit will be set to operate in either Slave S-1 or Slave S-2 mode.

Configure the units as indicated below.

Master unit:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Mast Set**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to scroll to **M-1**, **M-2**, or **M-4**.
7. Press **<ENTER>**.
8. Use **<UP>** or **<DOWN>** to select **M-2**.
9. Press **<ENTER>**.

Slave unit:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Slave S-1**, or **Slave S-2**.
 - Select **Slave S-1** for 100% synchronized actions with both fixtures in tandem.
 - Select **Slave S-2** for a delayed wave, up to 2 fixtures.
5. Press **<ENTER>**.

1-Fixture Program

The Master Auto 1-Head program allows all heads of any amount of linked Intimidator™ Wave 360 IRC units to operate in unison. The master unit will be set to operate in the M-1 program, while the slave units will be set to operate in Slave S-1 mode.

Configure the units as indicated below.

Master unit:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Mast Set**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to scroll to **M-1**, **M-2**, or **M-4**.
7. Press **<ENTER>**.
8. Use **<UP>** or **<DOWN>** to select **M-1**.
9. Press **<ENTER>**.

Slave unit:

1. Press **<MENU>** and use **<UP>** or **<DOWN>** to select **Run Mode**.
 2. Press **<ENTER>**.
 3. Use **<UP>** or **<DOWN>** to select **Slave S-1**.
 4. Press **<ENTER>**.
 5. Select **Slave S-1**.
 6. Press **<ENTER>**.
- **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.**



DMX Assignments

33CH			
Channel	Function	Value	Percent/Setting
1	Pan	000 ó 255	Pan 0–540°
2	Pan 16-bit	000 ó 255	Pan 16-bit
3	Pan Speed	000 ó 255	Pan Speed (decreasing speed)
4	Continuous Pan Rotating	000	No function
		001 ó 127	Continuous counter-clockwise pan rotating with increasing speed
		128 ó 255	Continuous clockwise pan rotating with decreasing speed
5	Head 1 Tilt	000 ó 255	0–270°
6	Head 2 Tilt	000 ó 255	0–270°
7	Head 3 Tilt	000 ó 255	0–270°
8	Head 4 Tilt	000 ó 255	0–270°
9	Built-In Auto Tilt	000 ó 047	No function
		048 ó 055	Built-In Auto 1
		056 ó 063	Built-In Auto 2
		064 ó 071	Built-In Auto 3
		072 ó 079	Built-In Auto 4
		080 ó 087	Built-In Auto 5
		088 ó 095	Built-In Auto 6
		096 ó 103	Built-In Auto 7
		104 ó 111	Built-In Auto 8
		112 ó 119	Built-In Auto 9
		120 ó 127	Built-In Auto 10
		128 ó 135	Built-In Auto 11
		136 ó 143	Built-In Auto 12
		144 ó 151	Built-In Auto 13
		152 ó 159	Built-In Auto 14
		160 ó 167	Built-In Auto 15
		168 ó 175	Built-In Auto 16
		176 ó 183	Built-In Auto 17
		184 ó 191	Built-In Auto 18
		192 ó 199	Built-In Auto 19
		200 ó 207	Built-In Auto 20
		208 ó 215	Built-In Auto 21
		216 ó 223	Built-In Auto 22
		224 ó 231	Built-In Auto 23
		232 ó 239	Built-In Auto 24
		240 ó 247	Built-In Auto 25 (Built-In Auto 1-24)
		248 ó 255	Built-In Sound Control mode
10	Tilt Built-in Speed	000 ó 255	Fast to slow
11	Head 1 Red Dimmer	000 ó 255	0–100%
12	Head 1 Green Dimmer	000 ó 255	0–100%
13	Head 1 Blue Dimmer	000 ó 255	0–100%
14	Head 1 White Dimmer	000 ó 055	0–100%

**33CH
(cont.)**

Channel	Function	Value	Percent/Setting
15	Head 2 Red Dimmer	000 ó 255	0–100%
16	Head 2 Green Dimmer	000 ó 255	0–100%
17	Head 2 Blue Dimmer	000 ó 255	0–100%
18	Head 2 White Dimmer	000 ó 255	0–100%
19	Head 3 Red Dimmer	000 ó 255	0–100%
20	Head 3 Green Dimmer	000 ó 255	0–100%
21	Head 3 Blue Dimmer	000 ó 255	0–100%
22	Head 3 White Dimmer	000 ó 255	0–100%
23	Head 4 Red Dimmer	000 ó 255	0–100%
24	Head 4 Green Dimmer	000 ó 255	0–100%
25	Head 4 Blue Dimmer	000 ó 255	0–100%
26	Head 4 White Dimmer	000 ó 255	0–100%
27	Colors	000 ó 007	No function
		008 ó 015	Color 1
		016 ó 023	Color 2
		024 ó 031	Color 3
		032 ó 039	Color 4
		040 ó 047	Color 5
		048 ó 055	Color 6
		056 ó 063	Color 7
		064 ó 071	Color 8
		072 ó 079	Color 9
		080 ó 087	Color 10
		088 ó 095	Color 11
		096 ó 103	Color 12
		104 ó 111	Color 13
		112 ó 119	Color 14
		120 ó 127	Color 15
		128 ó 179	No function
		180 ó 201	Fade rainbow clockwise (speed fast to slow)
		202 ó 207	Stop
		208 ó 229	Fade rainbow counter-clockwise (speed fast to slow)
		230 ó 234	No Function
		235 ó 249	Snap change (speed fast to slow)
		250 ó 255	Sound color

**33CH
(cont.)**

Channel	Function	Value	Percent/Setting
28	Heads On/Off	000 ó 007	●●●●
		008 ó 015	○●●●
		016 ó 023	○○●●
		024 ó 031	○○○●
		032 ó 039	○○○○
		040 ó 047	●○○○
		048 ó 055	●●○○
		056 ó 063	●●●○
		064 ó 071	●●●●
		072 ó 079	○○○○
		080 ó 087	●○○○
		088 ó 095	○●○○
		096 ó 103	○○●○
		104 ó 111	○○○●
		112 ó 119	○○○○
		120 ó 127	●●○○
		128 ó 135	○●●○
		136 ó 143	○○●●
		144 ó 151	●○○●
		152 ó 159	○○○○
		160 ó 167	○●●●
		168 ó 175	●○○●
		176 ó 183	●●○●
		184 ó 191	●●●○
		192 ó 199	○○○○
		200 ó 207	●●●●
		208 ó 215	●●●●
		216 ó 223	●●●●
		224 ó 231	●●●●
		232 ó 239	●●●●
		240 ó 247	●●●●
		248 ó 255	●●●●

**33CH
(cont.)**

Channel	Function	Value	Percent/Setting
29	Auto Programs	000 ó 015	No function
		016 ó 020	Program 1
		021 ó 025	Program 2
		026 ó 030	Program 3
		031 ó 035	Program 4
		036 ó 040	Program 5
		041 ó 045	Program 6
		046 ó 050	Program 7
		051 ó 055	Program 8
		056 ó 060	Program 9
		061 ó 065	Program 10
		066 ó 070	Program 11
		071 ó 075	Program 12
		076 ó 080	Program 13
		081 ó 085	Program 14
		086 ó 090	Program 15
		091 ó 095	Program 16
		096 ó 100	Program 17
		101 ó 105	Program 18
		106 ó 110	Program 19
		111 ó 115	Program 20
		116 ó 120	Program 21
		121 ó 125	Program 22
		126 ó 130	Program 23
		131 ó 135	Program 24 (built-in for all)
		136 ó 140	Program 25
		141 ó 145	Program 26
		146 ó 150	Program 27
		151 ó 155	Program 28
		156 ó 160	Program 29
		161 ó 165	Program 30
		166 ó 170	Program 31
		171 ó 175	Program 32
		176 ó 180	Program 33
		181 ó 185	Program 34
		186 ó 190	Program 35
		191 ó 195	Program 36
		196 ó 200	Program 37
		201 ó 205	Program 38
		206 ó 210	Program 39
		211 ó 215	Program 40
		216 ó 220	Program 41
		221 ó 225	Program 42
		226 ó 230	Program 43
		231 ó 235	Program 44
		236 ó 240	Program 45
		241 ó 245	Program 46
		246 ó 250	Program 47
		251 ó 255	Program 48 (built-in for all)
30	Program Speed	000 ó 255	Slow to fast

**33CH
(cont.)**

Channel	Function	Value	Percent/Setting
31	Dimmer All Heads	000 ó 255	0–100%
		000 ó 019	Off
32	Shutter Programs	020 ó 024	On
		025 ó 064	Shutter 1 even on/even off (fast to slow)
		065 ó 069	On
		070 ó 084	Shutter 2 fast on/slow off (fast to slow)
		085 ó 089	On
		090 ó 104	Shutter 3 slow on/fast off (fast to slow)
		105 ó 109	On
		110 ó 124	Shutter 4 random shutter (fast to slow)
		125 ó 129	On
		130 ó 144	Shutter 5 random shutter fast on/slow off (fast to slow)
		145 ó 149	On
		150 ó 164	Shutter 6 random shutter slow on/fast off (fast to slow)
		165 ó 169	On
		170 ó 184	Shutter 7 pulse shutter (fast to slow)
		185 ó 189	On
		190 ó 204	Shutter 8 random pulse shutter (fast to slow)
		205 ó 209	On
		210 ó 224	Shutter 9 on and off gradually (fast to slow)
		225 ó 229	On
		230 ó 244	Shutter 10 pulse shutter (fast to slow)
		245 ó 255	On

33CH (cont.)

Channel	Function	Value	Percent/Setting
33	Settings (Set these values before setting other DMX channels. There is a 10 sec delay before the settings take effect)	000 ó 009	No function
		010 ó 014	Move-in-black
		015 ó 019	Cancel move-in-black
		020 ó 024	Independent macros – cancels macro product combinations below
		025 ó 029	Macros used when linking 2 heads: This is the value for first head
		030 ó 034	Macros used when linking 2 heads together: This is the value for second head
		035 ó 039	Macros used when linking 4 heads together: This is the value for first head
		040 ó 044	Macros used when linking 4 heads together: This is the value for second head
		045 ó 049	Macros used when linking 4 heads together: This is the value for third head
		050 ó 054	Macros used when linking 4 heads together: This is the value for fourth head
		055 ó 059	Pan Reset
		060 ó 064	Tilt Reset
		065 ó 069	Reserved for future use
		070 ó 074	Reset all
		075 ó 079	Reserved for future use
		080 ó 084	Pan/ tilt reverse
		085 ó 089	Pan reverse
		090 ó 094	Tilt Reverse
		095 ó 099	Cancel reverse pan
		100 ó 104	Cancel reverse tilt
		105 ó 109	Cancel reverse pan/tilt
		110 ó 114	Reserved for future use
		115 ó 119	Controls all heads with head 1 channels
		120 ó 124	Cancels control of all heads with head 1 channels
		125 ó 129	Reserved for future use
		130 ó 134	Reserved for future use
		135 ó 139	Reserved for future use
		140 ó 144	Reserved for future use
		145 ó 255	No function

17CH	Channel	Function	Value	Percent/Setting
	1	Pan	000 ó 255	Pan 0–540°
	2	Pan 16-bit	000 ó 255	Pan 16-bit
	3	Pan Speed	000 ó 255	Pan Speed (decreasing speed)
	4	Continuous Pan Rotating	000	No function
			001 ó 127	Continuous counter-clockwise pan rotating with increasing speed
			128 ó 255	Continuous clockwise pan rotating with decreasing speed
	5	Head 1 Tilt	000 ó 255	0–270°
	6	Head 2 Tilt	000 ó 255	0–270°
	7	Head 3 Tilt	000 ó 255	0–270°
	8	Head 4 Tilt	000 ó 255	0–270°
	9	Built-In Auto Tilt	000 ó 047	No function
			048 ó 055	Built-In Auto 1
			056 ó 063	Built-In Auto 2
			064 ó 071	Built-In Auto 3
			072 ó 079	Built-In Auto 4
			080 ó 087	Built-In Auto 5
			088 ó 095	Built-In Auto 6
			096 ó 103	Built-In Auto 7
			104 ó 111	Built-In Auto 8
			112 ó 119	Built-In Auto 9
			120 ó 127	Built-In Auto 10
			128 ó 135	Built-In Auto 11
			136 ó 143	Built-In Auto 12
			144 ó 151	Built-In Auto 13
			152 ó 159	Built-In Auto 14
			160 ó 167	Built-In Auto 15
			168 ó 175	Built-In Auto 16
			176 ó 183	Built-In Auto 17
			184 ó 191	Built-In Auto 18
			192 ó 199	Built-In Auto 19
			200 ó 207	Built-In Auto 20
			208 ó 215	Built-In Auto 21
			216 ó 223	Built-In Auto 22
			224 ó 231	Built-In Auto 23
			232 ó 239	Built-In Auto 24
			240 ó 247	Built-In Auto 25 (Built-In Auto 1-24)
			248 ó 255	Built-In Sound Control mode
	10	Tilt Built-in Speed	000 ó 255	Fast to slow

**17CH
(cont.)**

Channel	Function	Value	Percent/Setting
11	Colors	000 ó 007	No function
		008 ó 015	Color 1
		016 ó 023	Color 2
		024 ó 031	Color 3
		032 ó 039	Color 4
		040 ó 047	Color 5
		048 ó 055	Color 6
		056 ó 063	Color 7
		064 ó 071	Color 8
		072 ó 079	Color 9
		080 ó 087	Color 10
		088 ó 095	Color 11
		096 ó 103	Color 12
		104 ó 111	Color 13
		112 ó 119	Color 14
		120 ó 127	Color 15
		128 ó 179	No function
		180 ó 201	Fade rainbow clockwise (speed fast to slow)
		202 ó 207	Full on of current color
		208 ó 229	Fade rainbow counter-clockwise (speed fast to slow)
		230 ó 234	All colors 100%
		235 ó 249	Snap change (speed fast to slow)
		250 ó 255	Sound color

**17CH
(cont.)**

Channel	Function	Value	Percent/Setting
12	Heads On/Off	000 ó 007	●●●●
		008 ó 015	○●●●
		016 ó 023	○●●●
		024 ó 031	○●●●
		032 ó 039	○●●●
		040 ó 047	●○●●
		048 ó 055	●●○●
		056 ó 063	●●●○
		064 ó 071	●●●●
		072 ó 079	○●●●
		080 ó 087	●○●●
		088 ó 095	○●○●
		096 ó 103	○●●○
		104 ó 111	○●●●
		112 ó 119	○●●●
		120 ó 127	●●○●
		128 ó 135	○●●○
		136 ó 143	○●●●
		144 ó 151	●○●●
		152 ó 159	○●●●
		160 ó 167	○●●●
		168 ó 175	●○●●
		176 ó 183	●●○●
		184 ó 191	●●●○
		192 ó 199	○●●●
		200 ó 207	●●●●
		208 ó 215	●●●●
		216 ó 223	●●●●
		224 ó 231	●●●●
		232 ó 239	●●●●
		240 ó 247	●●●●
		248 ó 255	●●●●

**17CH
(cont.)**

Channel	Function	Value	Percent/Setting
13	Auto Programs	000 ó 015	No function
		016 ó 020	Program 1
		021 ó 025	Program 2
		026 ó 030	Program 3
		031 ó 035	Program 4
		036 ó 040	Program 5
		041 ó 045	Program 6
		046 ó 050	Program 7
		051 ó 055	Program 8
		056 ó 060	Program 9
		061 ó 065	Program 10
		066 ó 070	Program 11
		071 ó 075	Program 12
		076 ó 080	Program 13
		081 ó 085	Program 14
		086 ó 090	Program 15
		091 ó 095	Program 16
		096 ó 100	Program 17
		101 ó 105	Program 18
		106 ó 110	Program 19
		111 ó 115	Program 20
		116 ó 120	Program 21
		121 ó 125	Program 22
		126 ó 130	Program 23
		131 ó 135	Program 24 (built-in for all)
		136 ó 140	Program 25
		141 ó 145	Program 26
		146 ó 150	Program 27
		151 ó 155	Program 28
		156 ó 160	Program 29
		161 ó 165	Program 30
		166 ó 170	Program 31
		171 ó 175	Program 32
		176 ó 180	Program 33
		181 ó 185	Program 34
		186 ó 190	Program 35
		191 ó 195	Program 36
		196 ó 200	Program 37
		201 ó 205	Program 38
		206 ó 210	Program 39
		211 ó 215	Program 40
		216 ó 220	Program 41
		221 ó 225	Program 42
		226 ó 230	Program 43
		231 ó 235	Program 44
		236 ó 240	Program 45
		241 ó 245	Program 46
		246 ó 250	Program 47
		251 ó 255	Program 48 (built-in for all)
14	Program Speed	000 ó 255	Slow to fast

**17CH
(cont.)**

Channel	Function	Value	Percent/Setting
15	Dimmer All Heads	000 ó 255	0–100%
		000 ó 019	Off
16	Shutter Programs	020 ó 024	On
		025 ó 064	Shutter 1 even on/even off (fast to slow)
		065 ó 069	On
		070 ó 084	Shutter 2 fast on/slow off (fast to slow)
		085 ó 089	On
		090 ó 104	Shutter 3 slow on/fast off (fast to slow)
		105 ó 109	On
		110 ó 124	Shutter 4 random shutter (fast to slow)
		125 ó 129	On
		130 ó 144	Shutter 5 random shutter fast on/slow off (fast to slow)
		145 ó 149	On
		150 ó 164	Shutter 6 random shutter slow on/fast off (fast to slow)
		165 ó 169	On
		170 ó 184	Shutter 7 pulse shutter (fast to slow)
		185 ó 189	On
		190 ó 204	Shutter 8 random pulse shutter (fast to slow)
		205 ó 209	On
		210 ó 224	Shutter 9 on and off gradually (fast to slow)
		225 ó 229	On
		230 ó 244	Shutter 10 pulse shutter (fast to slow)
		245 ó 255	On

**17CH
(cont.)**

Channel	Function	Value	Percent/Setting
17	Settings (Set these values before setting other DMX channels. There is a 10 sec delay before the settings take effect)	000 ó 009	No function
		010 ó 014	Move-in-black
		015 ó 019	Cancel move-in-black
		020 ó 024	Independent macros – cancels macro product combinations below
		025 ó 029	Macros used when linking 2 heads: This is the value for first head
		030 ó 034	Macros used when linking 2 heads together: This is the value for second head
		035 ó 039	Macros used when linking 4 heads together: This is the value for first head
		040 ó 044	Macros used when linking 4 heads together: This is the value for second head
		045 ó 049	Macros used when linking 4 heads together: This is the value for third head
		050 ó 054	Macros used when linking 4 heads together: This is the value for fourth head
		055 ó 059	Pan reset
		060 ó 064	Tilt reset
		065 ó 069	Reserved for future use
		070 ó 074	Reset all
		075 ó 079	Reserved for future use
		080 ó 084	Pan/ tilt reverse
		085 ó 089	Pan reverse
		090 ó 094	Tilt reverse
		095 ó 099	Cancel reverse pan
		100 ó 104	Cancel reverse tilt
		105 ó 109	Cancel reverse pan/tilt
		110 ó 114	Reserved for future use
		115 ó 119	Controls all heads with head 1 channels
		120 ó 124	Cancels control of all heads with head 1 channels
		125 ó 129	Reserved for future use
		130 ó 134	Reserved for future use
		135 ó 139	Reserved for future use
		140 ó 144	Reserved for future use
		145 ó 255	No function

Configuration (Standalone)

Set the product in one of the standalone modes to control it without a DMX controller.
Connect the product to a suitable power outlet.



Never connect a product that is operating in any standalone mode (Static, Automatic, or Sound-Active) to a DMX string connected to a DMX controller. Products in standalone mode may transmit DMX signals that could interfere with the DMX signals from the controller.

Sound-Active Mode

To enable the Sound-Active mode, do the following:

1. Press **<MENU>**.
2. Use the **<UP>** or **<DOWN>** buttons to select **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Sound**.
5. Press **<ENTER>**.



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

Sound Sensitivity

To raise or lower the sound sensitivity of the Intimidator™ Wave 360 IRC, follow the instructions below:

1. Press **<MENU>**.
2. Use the **<UP>** or **<DOWN>** buttons to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Sensitivity**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **1–100**.
7. Press **<ENTER>**.

Automatic Mode

To enable the Automatic mode, do the following:

1. Press **<MENU>**.
2. Use the **<UP>** or **<DOWN>** buttons to select **Run Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Auto**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to scroll through the auto programs (**1–16**).
7. Press **<ENTER>** to make your selection.

Auto Program	Sweep Angle	Color	Movement
1	180°	All	Wave, alternate & synchronized
2	90° Front	Chase	Wave
3	180°	Chase	Wave
4	45° Front	Chase	Wave
5	90° Up	Chase	Wave
6	45° Back	Chase	Wave
7	90° Back	Chase	Wave
8	90° Front	1 & 2 color scroll	Synchronized
9	180°	1 & 2 color scroll	Synchronized
10	45° Front	1 & 2 color scroll	Synchronized
11	90° Up	1 & 2 color scroll	Synchronized
12	90° Back	4 color scroll	Synchronized
13	90° Back	All	Synchronized
14	90° Front	1 color scroll	Alternate
15	180°	1 color scroll	Alternate
16	45° Front	1 & 2 color scroll	Alternate

Manual Reverse Pan Operation

To select whether you want the Intimidator™ Wave 360 IRC to operate with normal pan or inverted (reverse) pan, do the following.

1. Press **<MENU>**.
2. Use the **<UP>** or **<DOWN>** buttons to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Pan Reverse**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **ON** or **OFF**.
7. Press **<ENTER>**.

Manual Reverse Tilt Operation

To select whether you want the Intimidator™ Wave 360 IRC to operate with normal tilt or inverted (reverse) tilt, do the following.

1. Press **<MENU>**.
2. Use the **<UP>** or **<DOWN>** buttons to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Tilt Reverse**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **ON** or **OFF**.
7. Press **<ENTER>**.

Manual Pan Angle Range

To select the range for the pan angles on the Intimidator™ Wave 360 IRC, do the following:

1. Press **<MENU>**.
2. Use the **<UP>** or **<DOWN>** buttons to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Pan Angle**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **180** (180°), **360** (360°), or **540** (540°).
7. Press **<ENTER>**.

Manual Tilt Angle Range

To select the range for the tilt angles on the Intimidator™ Wave 360 IRC, do the following:

1. Press **<MENU>**.
2. Use the **<UP>** or **<DOWN>** buttons to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Tilt Angle**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **90** (90°), **180** (180°), or **270** (270°).
7. Press **<ENTER>**.

Display Blackout and Reverse

You can flip the LED display for easy readability in any mounting situation or blackout the display entirely.

To select your display angle:

1. Press **<MENU>** and use the **<UP>** or **<DOWN>** buttons to select **Setup**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Screen Rev**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **ON** or **OFF**.
6. Press **<ENTER>**.

To select blackout display:

1. Press **<MENU>**.
2. Use the **<UP>** or **<DOWN>** buttons to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Display** and press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **ON** or **OFF** and press **<ENTER>**.

Dimmer Curve

To set the dimmer curve on the Intimidator™ Wave 360 IRC, do the following:

1. Press **<MENU>**.
2. Use the **<UP>** or **<DOWN>** buttons to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Dimmer Curve**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Linear**, **SCurve**, **I Squa**, or **Square**.
7. Press **<ENTER>**.

Dimmer Speed

To set the dimmer speed on the Intimidator™ Wave 360 IRC, do the following:

1. Press **<MENU>**.
2. Use the **<UP>** or **<DOWN>** buttons to select **Setup**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Dimmer Speed**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Smooth** or **Fast**.
7. Press **<ENTER>**.

Reset Software

To reset the software on the Intimidator™ Wave 360 IRC, do the following:

1. Press **<MENU>** and use the **<UP>** or **<DOWN>** buttons to select **Setup**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Reset**.
4. Press **<ENTER>**. The product will reset all settings in the software.

Factory Defaults

To load the factory defaults on the Intimidator™ Wave 360 IRC, do the following:

1. Press **<MENU>** and use the **<UP>** or **<DOWN>** buttons to select **Setup**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Factory Reset**.
4. Press **<ENTER>**. The product resets to factory default settings.

IR Mode

IR mode allows the product to be controlled with an infrared remote controller. The IRC-6 can remotely set the product to various modes; adjust the color, speed and sensitivity; and set the strobe.

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

1. Make sure the product is plugged into a power source and not connected to a DMX cable.
2. Press **<MODE/ESC>**.
3. Use **<UP>** or **<DOWN>** to choose **Run Mode**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to choose **IR**.
6. Press **<ENTER>** and the IR indicator on the front of the Intimidator™ Wave 360 IRC lights up.

IRC-6 Operation



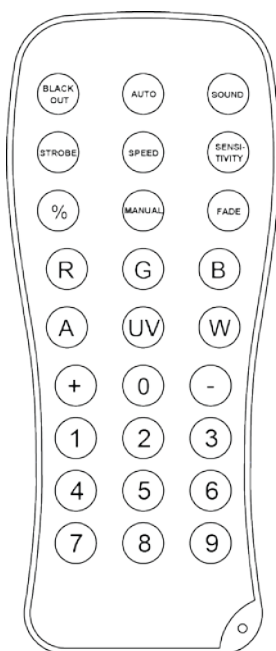
Be sure the IRC-6 remote is pointing directly at the product and there is nothing in between the remote and the product.

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

- **<A>**, **<UV>**, and **<W>** control the Blackout function.

Please read the next section carefully.

The list below describes which features each button controls.



- **<BLACKOUT>**, **<A>**, **<UV>**, and **<W>** - Turns LEDs on and off.
- **<AUTO>** - Activates Auto mode. Use **<0>**–**<9>** and **<+>** and **<->** to cycle through Auto modes.
- **<SOUND>** - Activates Sound mode.
- **<STROBE>** - Activates the strobe. Use the **<+>** and **<->** buttons to cycle through strobe speeds.
- **<SPEED>** - Adjusts the XY movement speed. Use the **<+>** and **<->** buttons to cycle through movement speeds.
- **<SENSITIVITY>** - Adjusts sound sensitivity. Use the **<+>** and **<->** buttons to cycle through sound sensitivity levels.
- **<%>** - Adjusts the total output of the LEDs. Use the **<+>** and **<->** buttons to increase or decrease the brightness of the LEDs.
- **<FADE>** - Adjusts the speed and type of color fades. Press the button to switch between fade and snap color changes. Use **<+>** and **<->** to increase or decrease the speed of the color changes.
- **<MANUAL>** - Adjusts the white color in the LEDs. Use the **<+>** and **<->** buttons to increase or decrease the white color in the LEDs.
- **<R>** - Adjusts the red color in the LEDs. Use the **<+>** and **<->** buttons to increase or decrease the red color in the LEDs.
- **<G>** - Adjusts the green color in the LEDs. Use the **<+>** and **<->** buttons to increase or decrease the green color in the LEDs.
- **** - Adjusts the blue color in the LEDs. Use the **<+>** and **<->** buttons to increase or decrease the blue color in the LEDs.
- **<+>** - Increases values for controls as described above.
- **<->** - Decreases values for controls as described above.

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.
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.



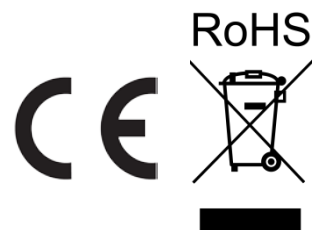
Always dry the external optics and glass/transparent surfaces carefully after cleaning them.



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

6. TECHNICAL SPECIFICATIONS

Dimensions and Weight	Length	Width	Height	Weight
	22 in (559 mm)	7.4 in (189 mm)	11.7 in (297 mm)	19.4 lb (8.8 kg)
Note: Dimensions in inches rounded to the nearest decimal digit.				
Power	Power Supply Type		Range	Voltage Selection
	Switching (internal)		100 to 240 VAC, 50/60 Hz	Auto-ranging
	Parameter		120 V, 60 Hz	230 V, 50 Hz
	Consumption		175 W	177 W
	Operating current		2.6 A	1.3 A
	Power linking current (units)		8 A (3 units)	8 A (6 units)
	Fuse		F 5 A, 250 V	F 5 A, 250 V
	Power I/O		US/Canada	UK/Worldwide
	Power input connector		IEC	IEC
	Power output connector		Edison	IEC
	Power Cord plug		Edison (US)	Local plug
Light Source	Type		Power	Lifespan
	LED		12 W	50,000 hours
	Color		Quantity	Current
	Quad-color RGBW		4	3.9 A
Photo Optic	Parameter			
	Illuminance @ 2 m		16,670 lux	
	Beam angle		5°	
	Strobe rate		0 to 20 Hz	
Thermal	Maximum External Temp.		Cooling System	
	104 °F (40 °C)		Fan-cooled	
DMX	I/O Connectors		Connection Type	Channel Range
	3-pin XLR		Sockets	17 or 33
Ordering	Product Name		Item Code	UPC Number
	Intimidator™ Wave 360 IRC		08010919	781462212674



RETURNS

To return a product or request support:

- In the U.S., contact Chauvet World Headquarters (see [Contact Us](#)).
- In the UK or Ireland, contact Chauvet Europe Ltd. (see [Contact Us](#)).
- In Mexico, contact Chauvet Mexico (see [Contact Us](#)).

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



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

Call the corresponding Chauvet Technical Support office and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause for the return.

You must send the merchandise prepaid, in its original box, and with its original packing and accessories. Chauvet will not issue call tags.

Clearly label the package with the RMA number. Chauvet will refuse any product returned without an RMA number.



Write the RMA number on a properly affixed label. DO NOT write the RMA number directly on the box.

Before sending the product, clearly write the following information on a piece of paper and place it inside the box:

1. Your name
2. Your address
3. Your phone number
4. RMA number
5. 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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Fax: (954) 929-5560
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World Wide Web www.chauvetlighting.com

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