

*Motif.*<sup>™</sup>  
**risplendi.**  
250



Blizzard Lighting, LLC  
<http://www.blizzardpro.com>  
Waukesha, WI USA  
Copyright (c) 2023

# TABLE OF CONTENTS

<b>1. Getting Started</b>	<b>3</b>
What's In The Box?	3
Getting It Out Of the Box	3
Powering Up!	3
Getting A Hold Of Us	3
Safety Instructions	4
<b>2. Meet the Motif™ Risplendi 250</b>	<b>5</b>
Main Features	5
Motif™ Risplendi 250 Pin-Up Picture	6
The Rear Connections	6
<b>3. Setup</b>	<b>7</b>
Fuse Replacement	7
Power Input	7
Connecting the Fixtures	7
Cable Connectors	8
3-Pin??? 5-Pin??? Huh?!?	8
Take It To The Next Level: Setting Up DMX Control	8
Changing the Lenses	9
Installing or Removing Brackets	9
Mounting & Rigging	9
<b>4. Operating Adjustments</b>	<b>10</b>
The Control Panel	10
Control Panel Menu Structure	11
DMX Mode	12
Dimming Mode Settings	12
Custom Programs	13
Auto, Modes, and Auto Speed	13
Color Calibration Settings	14
Custom Static Colors & Preset Colors	14
Fixture Reset Functions	15
Data Sync Feature	15
Fixture Information	15
DMX Values In-Depth	16
Troubleshooting	17
<b>5. Appendix</b>	<b>18</b>
Keeping Your Motif™ Risplendi As Good As New	18
Returns (Gasp!)	18
Shipping Issues	18
Tech Specs!	19
Dimensional Drawings	20

# 1. GETTING STARTED

## What's In The Box?

- Motif™ Risplendi 250
- Power cable
- 4x interchangeable lenses
- This user manual

## Optional Accessories *(sold separately)*

The Motif™ Risplendi 250 allows for an optional full snoot accessory which can enhance the light's output control by concentrating its beam spread. Contact your authorized Blizzard Lighting dealer for pricing.

- Black Housing: SNOOT-Motif Risplendi (B)
- White Housing: SNOOT-Motif Risplendi (W)
- Space Gray Housing: SNOOT-Motif Risplendi (SG)

## Getting It Out Of the Box

Congratulations on purchasing the Motif™ Risplendi 250. Now that you've got your fixture, you should carefully unpack the box and check the contents to ensure that all parts are present and in good condition. If anything looks as if it has been damaged in transit, notify the shipper immediately and keep the packing material for inspection. Again, please save the carton and all packing materials. If a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

## Powering Up!

All fixtures must be powered directly off a switched circuit and **cannot be run off a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0% to 100% switch.**

***Warning! All fixtures must be connected to circuits with a suitable Ground (Earthing).***

## Getting A Hold Of Us

**If something happens to go wrong, visit [blizzardpro.com/support](http://blizzardpro.com/support) and open a support ticket. We'll be happy to help, honest.**

**Disclaimer:** The information contained in this document are subject to change without notice. Blizzard Lighting™ assumes no responsibility or liability for any errors or omissions that may appear in this user manual. We reserve the right to update the existing, or create a new document to correct any errors or omissions at any time. You can download the latest version of this document from [www.blizzardpro.com](http://www.blizzardpro.com).

Author:	Date:	Last Edited:	Date:
J. Thomas	3/20/2023	J. Thomas	6/27/2023

## Safety Instructions



Please read these instructions carefully. They include important information about the installation, usage and maintenance of this product.

- Please keep this User Guide for future use. If you sell the unit to someone else, be sure that they also receive this User Guide.
- ALWAYS make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- This product is intended for indoor use only.
- To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 20in (50cm) from adjacent surfaces. Be sure that no ventilation slots are blocked.
- ALWAYS disconnect from the power source before servicing or replacing fuse and be sure to replace with same fuse size and type.
- ALWAYS secure fixture using a safety chain. NEVER carry the fixture by its head. Use its carrying handles.
- DO NOT operate at ambient temperatures higher than 104°F (40°C).
- In the event of a serious operating problem, stop using the unit immediately. NEVER try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- NEVER connect the device to a dimmer pack.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Avoid direct eye exposure to the light source while it is on.

**Caution!** There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please open a support ticket at [www.blizzardpro.com/support](http://www.blizzardpro.com/support).

# 2. MEET THE MOTIF™ RISPLENDI 250

## Main Features

- Light source: 250W RGBAL COB LED, 100,000 hrs.
- Built-in color & chase macros via DMX
- Built-in automated programs via master/slave
- Color mixing ability in standalone mode
- 4x light collimating lenses (30°, 45°, 60°, 80°)
- Convection cooled aluminum housing
- Dual mounting brackets for positioning flexibility
- Adjustable LED refresh rates (1200Hz-20KHz)
- PowerCON® TRUE1™ compatible + hardwire AC connector
- Emergency power backup connector (42-48V DC, 20W)
- 5-pin male/female XLR input & output connections

## Control

- Protocol: USITT DMX-512, RDM
- DMX channels: 5/7/11-channels
- OLED control menu with 4x touch sensitive buttons
- Operating modes: DMX512, master/slave, auto

### DMX Quick Reference (5-Channel Mode)

Channel	What is does...
1	Red Intensity (0 <--> 100%)
2	Green Intensity (0 <--> 100%)
3	Blue Intensity (0 <--> 100%)
4	Amber Intensity (0 <--> 100%)
5	Lime Intensity (0 <--> 100%)

### DMX Quick Reference (7-Channel Mode)

Channel	What is does...
1	Master Dimmer (0 <--> 100%)
2	Red Intensity (0 <--> 100%)
3	Green Intensity (0 <--> 100%)
4	Blue Intensity (0 <--> 100%)
5	Amber Intensity (0 <--> 100%)
6	Lime Intensity (0 <--> 100%)
7	Strobe (Slow <--> Fast)

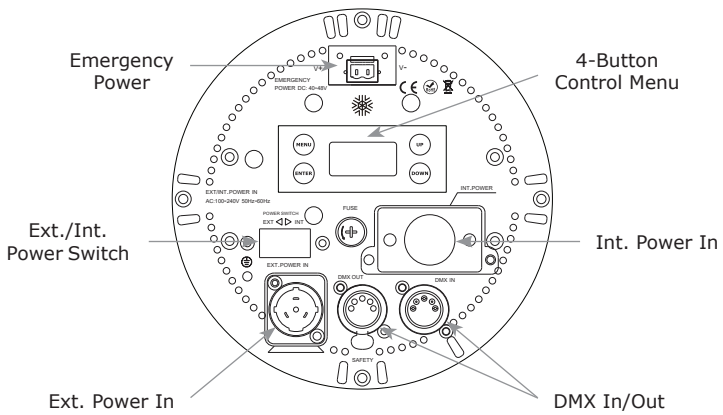
### DMX Quick Reference (11-Channel Mode)

Channel	What is does...
1	Master Dimmer (0 <--> 100%)
2	Red Intensity (0 <--> 100%)
3	Green Intensity (0 <--> 100%)
4	Blue Intensity (0 <--> 100%)
5	Amber Intensity (0 <--> 100%)
6	Lime Intensity (0 <--> 100%)
7	Strobe (Slow <--> Fast)
8	Built-In Programs
9	Auto Speed (Slow <--> Fast)
10	Virtual Color Wheel
11	32-Bit Dimming

# Motif™ Risplendi 250 Pin-Up Picture



## The Rear Connections



### 3. SETUP



Before replacing the fuse, disconnect the power cord.  
ALWAYS replace it with the same type and rating.

#### Fuse Replacement

Remove the fuse holder from of its housing. Take out the damaged fuse from its holder and replace with exact same type of fuse.

#### Power Inputs

This fixture comes with a powerCON® TRUE1™ compatible power input and a 3-wire power terminal block connector located under the "Int. Power In" cover plate on the rear of the fixture that can be used for hardwiring power.

Depending on which method you use, adjust the external/internal power switch on the back of the unit to select the proper input source.

Use the table below for reference when using the bare wire:

Connection	Wire (U.S.)	Wire (Europe)	Screw Color
AC Live	Black	Brown	Yellow or Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green

#### Connecting the Fixtures

Fixtures on a serial data link must be daisy chained in one single line. Also, connecting more than 32 fixtures on one serial data link without the use of a DMX optically-isolated splitter may result in deterioration of the signal.

#### Data/DMX Cabling

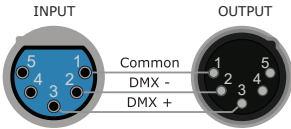
To link fixtures together you'll need data cables. You should use data-grade cables that can carry a high quality signal.

The data cable should have the following characteristics:

- 2-conductor twisted pair plus a shield
- Maximum capacitance between conductors – 30 pF/ft.
- Maximum capacitance between conductor & shield – 55 pF/ft.
- Maximum resistance of 20 ohms / 1000 ft.
- Nominal impedance 100 – 140 ohms

## Cable Connectors

Cables must have a male XLR connector on one end and a female XLR connector on the other end. (Duh!)



### A Word on Termination:

DMX is a resilient communication protocol, but however errors still occasionally occur. Termination reduces signal errors, and therefore best practices include use of a terminator in all circumstances. If you are experiencing problems with erratic fixture behavior, especially over long signal cable runs, a terminator may help improve performance.

### To build your own DMX Terminator:

Obtain a 120-ohm, 1/4-watt resistor, and wire it between pins 2 & 3 of the last fixture. They are also readily available from specialty retailers.

**CAUTION:** Do not allow contact between the common and the fixture's chassis ground. Grounding the common can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify correct polarity and to make sure the pins are not grounded or shorted to the shield or each other.

### 3-Pin??? 5-Pin??? Huh?!?

If you use a controller with a 3-pin DMX output connector, you will need to use a 3-pin to 5-pin adapter. If you'd like to build your own, the chart below details a proper cable conversion:

Conductor	3-Pin Female (Output)	5-Pin Male (Input)
Ground/Shield	Pin 1	Pin 1
Data 1- (Primary Data)	Pin 2	Pin 2
Data 1+ (Primary Data)	Pin 3	Pin 3
Data 2- (Optional)	--	Pin 4 - Do Not Use
Data 2+ (Optional)	--	Pin 5 - Do Not Use

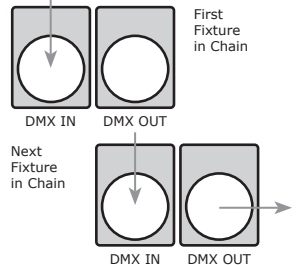
## Take It To The Next Level: Setting Up DMX Control

**Step 1:** Connect the male connector of the DMX cable to the female connector (output) on the controller.

**Step 2:** Connect the female connector of the DMX cable to the first fixture's male connector (input).

**Note:** It doesn't matter which fixture address is the first one connected. We recommend connecting the fixtures in terms of their proximity to the controller, rather than connecting the lowest fixture number first, and so on.

**Step 3:** Connect other fixtures in the chain from output to input as above. Place a DMX terminator on the output of the final fixture to ensure best communication.





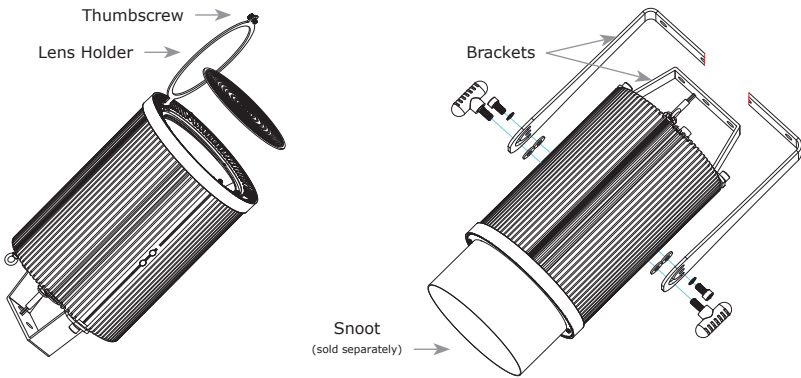
## Changing the Lenses

This fixture comes with a pre-installed 80° diffuser lens plus 3x replaceable Fresnel lenses (30°, 45°, and 60°) for a variety of beam angles.

To change the lens, remove the thumbscrew from the lens holder and swivel the holder outwards. Replace the existing lens with the lens of your choice.

**Note:** The replaceable lenses need to be installed with the circular pattern side of the lens facing outwards.

**\*When using lenses with narrower beam angles, some chromatic aberration (color separation) may occur. We recommend using the snoot accessory (sold separately) to cut off the beam edge. This may help in certain circumstances.**



## Installing or Removing Brackets

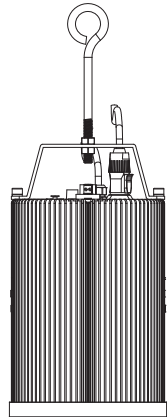
1.) Install or remove the brackets as shown above using the included bolts, washers, and knobs.

2.) Use the small bracket for vertically mounted fixed installations. You can remove the large bracket in these types of applications, and use the included plastic plugs to cover the bracket screw holes.

## Mounting & Rigging

This fixture may be mounted in any SAFE position provided there is enough room for ventilation.

Mount the fixture using a suitable "C" or "O" type clamp. The clamp should be rated to hold at least 10x the fixture's weight to ensure structural stability. Do not mount to surfaces of unknown strength, ensure properly rated rigging is used, and always secure your fixtures with a safety cable.



## 4. OPERATING ADJUSTMENTS

### The Control Panel

All of the features and different modes possible with this fixture are accessed by using the control panel on the front of the fixture. There are 4 control buttons next to the menu display which allow you to navigate through the various control panel menus.

#### <MENU>

Is used to navigate to the previous higher-level menu item.

#### <ENTER>

Is used to select and confirm/store the current selection.

#### <UP>

Scrolls through menu items and numbers in ascending order.

#### <DOWN>

Scrolls through menu items and numbers in descending order.



The control panel display shows the menu items you select from the menu map on page #11. When a menu function is selected, the display will show immediately the first available option for the selected menu function. To select a menu item, press **<ENTER>**.

Use the **<UP>** and **<DOWN>** buttons to navigate the menu options. Press the **<ENTER>** button to select the menu function currently displayed, or to enable a menu option. To return to the previous option or menu without changing the value, press the **<MENU>** button.

## Control Panel Menu Structure

<b>ADDR</b>	001-512	To choose the DMX address		
<b>STAT</b>	R	Red intensity (0% <--> 100%)		
	G	Green intensity (0% <--> 100%)		
	B	Blue intensity (0% <--> 100%)		
	A	Amber intensity (0% <--> 100%)		
	L	Lime intensity (0% <--> 100%)		
	SHUT	Flash / strobe speed (0-255)		
	PRSC (preset colors)	NONE, R, G, B, A, L, RGBAL, YELLOW, PINK, CYAN, ORANGE, VIOLET, GOLDEN, 2700K, 3200K, 4000K, 5500K, 6500K, RGBL		
<b>SET</b>	CAL	To set global intensity levels of each color + USE: YES/NO		
	CHMD	11CH	To run in 11-channel mode	
		7CH	To run in 7-channel mode	
		5CH	To run in 5-channel mode	
	DIM (dimming)	LIN	Linear dimming curve	
		SQR	Square law curve	
		ISQR	Inverse square law curve	
		SCUR	S-curve	
		LIN.	Linear dimming curve (smooth)	
		SQR.	Square law curve (smooth)	
		ISQR.	Inverse square law curve (smooth)	
		SCUR.	S-curve (smooth)	
	PWM	<ENTER>	1200Hz, 2400Hz, 4000Hz, 12000Hz, 16000Hz, 20000Hz	
	DISY	ON	Menu display is on continually	
		2OFF	Menu display shuts off after 2 minutes of inactivity	
Rotate	Normal	Normal		
	Rotate	Rotate the display 180°		
Intensity	<ENTER>	Adjust the menu brightness level 1-100		
<b>CTST</b>	CT01-CT10	<ENTER>	R/G/B/A/L adjustments for custom color banks 01-10	
<b>AUTO</b>	AT01-AT05	<ENTER>	Auto programs 1-5	
	ATSP	<ENTER>	Auto Speed	
	CHS1	<ENTER>	Custom program 1	
	CHS2	<ENTER>	Custom program 2	
	CHS3	<ENTER>	Custom program 3	
<b>PROG</b>	CHS1-CHS3 Custom programs 1-3.	SC01-SC25	25 scenes for each custom program.	
		R (0-255)	SHUT (strobe, 0-255)	
		G (0-255)	AUTO (None, AT01-AT05)	
		B (0-255)	ATSP (speed, 0-255)	
		A (0-255)	TIME (duration, 0-255)	
		L (0-255)	WAIT (before fade, 0-255)	
		USE (use scene, YES/NO)		
<b>INFO</b>	SOFT	Vx.x	Software version information	
	POWER	<ENTER>	Current automated overheat protection level (100%/80%/50%)	
	TEMP	<ENTER>	Internal temperature in Celsius	
	RDM U	<ENTER>	RDM Unique ID (UID)	
<b>LOAD</b>	ST L	<ENTER>	Restore factory settings	
	PR L	<ENTER>	Restore factory program settings	
<b>SEND</b>	YES/NO	Sync settings between fixtures via DMX		

## DMX Mode

Allows the unit to be controlled by any universal DMX controller.

### Setting the DMX Address:

- 1.) The default mode for the fixture is DMX, which appears as **001** on the LED readout. To select a different DMX address, using the **<MENU>** button, select **ADDR**, then hit **<ENTER>**. Use the **<UP/DOWN>** buttons to select the correct address, then hit **<ENTER>** to confirm.

### Setting the DMX Channel Mode:

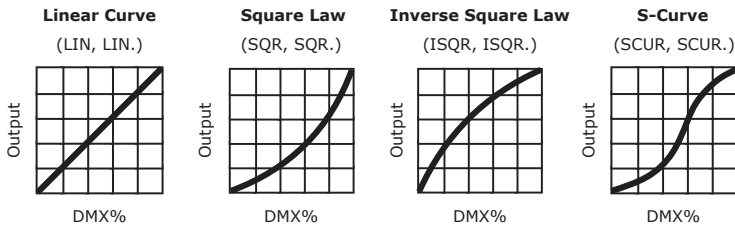
- 1.) To select a DMX channel mode, press the **<MENU>** button, then use the **<UP/DOWN>** buttons until the display reads **SET** and press the **<ENTER>** button. Then use the **<UP/DOWN>** buttons until the display reaches **CHMD**, and press **<ENTER>**. Now press the **<UP/DOWN>** buttons again to highlight your desired DMX channel mode, and press the **<ENTER>** button to confirm.

### Slave Mode:

- 1.) Daisy chain the DMX in/out connections on all fixtures.
- 2.) There is nothing else to it! The first fixture in the DMX chain is the master fixture, and the other fixtures down the line will follow it.

## Dimming Mode Settings

Allows users to set the fixture to use 1 of 4 (x2) dimming curve settings for smoother (and slower) dimming capabilities. In the control panel menu, there are two settings for each curve that are distinguishable from one another by the trailing dot.



\*The curve settings with the trailing dot adds a bit more delay to the curve for a smoother effect.

- 1.) Use the **<MENU>** and **<UP/DOWN>** buttons to navigate to **SET** and press **<ENTER>**, then **<UP/DOWN>** buttons again to scroll to **DIM**, and press the **<ENTER>** button.
- 2.) Now use the **<UP/DOWN>** buttons to highlight either **LIN** (Linear), **SQR** (Square), **ISQR** (Inverse Square), **SCUR** (S-Curve), **LIN.** (Smooth Linear), **SQR.** (Smooth Square), **ISQR.** (Smooth Inverse Square), or **SCUR.** (Smooth S-Curve), then hit **<ENTER>**.

## Custom Programs

Allows users to create up to 3 customizable, 25 scene programs that are directly accessible via the control panel and also in DMX mode.

### Creating A Custom Program:

- 1.) Use the **<MENU>** and **<UP/DOWN>** buttons to navigate to **PROG**, and press **<ENTER>**.
- 2.) Now use the **<UP/DOWN>** buttons to highlight your choice of either **CHS1**, **CHS2**, or **CHS3** and press **<ENTER>**.
- 3.) Start with editing scene 1 (**SC01**), customizing it to your liking by using the choices outlined in the table below. You can insert any of its 5 built-in auto programs (**AT01-AT05**), and adjust its speed (**ATSP 0-255**), and also set the duration (in seconds) before moving on to the next scene (**TIME 0-255**). You can also add a fade in effect to the start of this scene (**WAIT 0-255**), and/or strobe (**SHUT 0-255**). Finally, if you want to use this scene in your program, *be sure to enable it (USE: YES/NO)*.
- 4.) Repeat the above process to create up to 25 scenes in each of the 3 customizable programs.

R (0-255) - Red Intensity	SHUT (0-255) - Strobe (slow - fast)	USE (YES/NO) Use Scene in Program?
G (0-255) - Green Intensity	AUTO (AT01-AT05) - Auto Programs	<b>IMPORTANT:</b> <i>If USE is set to NO, or TIME is set to 0, the scene will not run!</i>
B (0-255) - Blue Intensity	ATSP (0-255) - Auto Speed (fast - slow)	
A (0-255) - Amber Intensity	TIME (0-255) - Scene Time (seconds)	
L (0-255) - Lime Intensity	WAIT (0-255) - Fade In (fast - slow)	

### Running A Custom Program:

- 1.) To view your newly created lighting masterpiece, use the **<MENU>** and **<UP/DOWN>** buttons to navigate to **AUTO**, and press **<ENTER>**.
- 2.) Use the **<UP/DOWN>** buttons to highlight your choice of **CHS1**, **CHS2**, or **CHS3** and press **<ENTER>**. These are directly accessible from the **built-in program channel** in DMX mode.

## Auto, Modes, and Auto Speed

Set single or Master/Slaved units to run auto modes at user selectable speeds.

### Auto Mode:

- 1.) Use the **<MENU>** and **<UP/DOWN>** buttons to navigate to navigate to **AUTO**, and press the **<ENTER>** button.
- 2.) Now use the **<UP/DOWN>** buttons to highlight any program ranging from **AT01-AT05**, and press **<ENTER>**.

### Auto Speed:

- 1.) Use the **<MENU>** and **<UP/DOWN>** buttons to navigate to **AUTO** and press **<ENTER>**, then with the **<UP/DOWN>** buttons navigate to **ATSP**, and press the **<ENTER>** button.
- 2.) Make a selection from **0-255**, and press **<ENTER>** to choose a speed (slow <--> fast).

## Color Calibration Settings

Allows the user to setup and save 1 customized R/G/B/A/L color balance setting and save it for future use. This custom setting is global, and it will effect all modes.

- 1.) Use the **<MENU>** and **<UP/DOWN>** buttons to navigate to **SET** and press **<ENTER>**, then on while **CAL**, push **<ENTER>** again.
- 2.) Use the **<UP/DOWN>** buttons to highlight either **R** (Red Level), **G** (Green Level), **B** (Blue Level), **A** (Amber Level), or **L** (Lime Level) then hit **<ENTER>**.
- 3.) Now using the **<UP/DOWN>** buttons, select the maximum level for each color between 000-255 (000=off), and hit **<ENTER>** to confirm your choice.
- 4.) You have now just setup and saved a custom global color calibration setting that you can use at you convenience. To use your custom setting now (or later), press the **<UP/DOWN>** buttons to reach **USE**, and press **<ENTER>**. Then choose either **YES** or **NO** and press **<ENTER>**. When you select **YES**, it enables this custom color calibration globally, and when choosing **NO** the fixture will continue to use the default color calibration settings. Your customized settings will be saved for later use even after powering off the fixture. It can be altered to your liking at any time. Just remember to return to this setting to either enable or disable it when needed.

## Custom Static Colors & Preset Colors

Allows the user to create and save custom static colors for use in standalone or DMX mode.

### *Static Color Mixing and Preset Mixed Colors*

**Important:** When finished editing and saving a static color, you must return to (and stay on) any one of the editing screens (0-255) to make the effect stay on continually. If you were only to press **<ENTER>** to save your final edit, you would again be on the static color/effect selection menu, which from here will result in blackout mode after 1 minute.

- 1.) Use the **<MENU>** and **<UP/DOWN>** buttons to navigate to **STAT** and press **<ENTER>**, then **<UP/DOWN>** buttons to select R/G/B/A/L, and push **<ENTER>** to confirm your selection. Then in adjust the values (0-255) to your liking and press **<ENTER>** to save.
- 2.) In the same manner, you can select **SHUT** to add a strobe effect.
- 3.) You can also select **<PRSC>** and use the **<UP/DOWN>** buttons to scroll through and quickly use any of the fixtures built-in preset colors.

### *Mix and Save Custom Colors (1-10)*

- 1.) Use the **<MENU>** and **<UP/DOWN>** buttons to navigate to **CTST** and press **<ENTER>**, then **<UP/DOWN>** buttons to select a color bank from **CT01-CT10**, and push **<ENTER>** to confirm your selection.
- 2.) Now use the **<UP/DOWN>** buttons to highlight either **R** (Red Level), **G** (Green Level), **B** (Blue Level), **A** (Amber Level), or **L** (Lime Level), then hit **<ENTER>**.
- 3.) Finally, using the **<UP/DOWN>** buttons, select the maximum level for each color between 000-255 (000=off), and hit **<ENTER>** to confirm your choice(s).
- 4.) These 10 custom colors can be accessed and edited to your liking at any time, and will be saved even after powering off the fixture.
- 5.) Your custom colors and programs are also directly accessible from the **built-in program channel** in DMX mode.

## Fixture Reset Functions

*Allows users to reset the fixture to factory default settings, without losing customized settings, or reset the custom programs exclusively.*

- 1.) Use the **<MENU>** and **<UP/DOWN>** buttons to navigate to **LOAD** and press **<ENTER>**, then use the **<UP/DOWN>** buttons to highlight **ST L** or **PR L**, and press **<ENTER>**.
- 2.) Use the **<UP/DOWN>** buttons to highlight either **YES** or **NO**, then press **<ENTER>**.
- 3.) The **ST L** reset function will reset all default values *with the exception of* those in **ADDR** (address), **CTST** (10 custom colors), and **PROG** (custom scenes and programs).
- 4.) The **PR L** reset function will only reset all customized program settings found in the **PROG** settings (custom scenes and programs).

## Data Sync Feature

*Users can transfer their custom settings from one fixture to another via DMX.*

- 1.) Disconnect fixtures from any DMX controllers, and link them together via DMX in/out.
- 2.) On the sending fixture (DMX out), navigate the main menu using the **<UP/DOWN>** buttons to reach **SEND**, and press the **<ENTER>** button.
- 3.) Select **YES**, and press the **<ENTER>** button to begin the transfer.
- 4.) Information for **ADDR** (address), or **CAL** (global intensity) will not be sent.
- 5.) After the data has been transferred, the receiving fixture will be automatically be reset.

## Fixture Information

*These are not editable features, they are for informational purposes only.*

- 1.) Use the **<MENU>** and **<UP/DOWN>** buttons to navigate to **INFO** and press **<ENTER>**, then use the **<UP/DOWN>** buttons to highlight **SOFT** or **POW**, and press **<ENTER>**.
- 2.) The **SOFT** information simply displays the current software version installed on the fixture, and **POW** displays the fixtures current power level setting. Under normal conditions, it will be at 100%... but this fixture has built-in overheat protection that may automatically reduce the output level to 80%, or 50% in high temperature situations.

## DMX Values In-Depth (5/7/11-Channel Modes)

5CH	7CH	11CH	Value	What It Does
--	1	1	000 <--> 255	Dimmer (0% <--> 100%)
1	2	2	000 <--> 255	Red Intensity (0% <--> 100%)
2	3	3	000 <--> 255	Green Intensity (0% <--> 100%)
3	4	4	000 <--> 255	Blue Intensity (0% <--> 100%)
4	5	5	000 <--> 255	Amber Intensity (0% <--> 100%)
5	6	6	000 <--> 255	Lime Intensity (0% <--> 100%)
--	7	7		<b>Strobe</b>
			000 <--> 005	No strobe
			006 <--> 020	Non-synchronous strobe (slow <--> fast)
			021 <--> 060	Synchronous strobe (slow <--> fast)
			061 <--> 100	Electronic sine wave (slow <--> fast)
			101 <--> 140	Random strobe (slow <--> fast)
			141 <--> 180	Opening pulse (slow <--> fast)
			181 <--> 220	Closing pulse (slow <--> fast)
			221 <--> 255	Electronic square wave (slow <--> fast)
--	--	8		<b>Built-In Programs</b>
			000 <--> 005	No Function
			006 <--> 010	Custom color 1 (CT01 in menu settings)
			011 <--> 015	Custom color 2 (CT02 in menu settings)
			016 <--> 020	Custom color 3 (CT03 in menu settings)
			021 <--> 025	Custom color 4 (CT04 in menu settings)
			026 <--> 030	Custom color 5 (CT05 in menu settings)
			031 <--> 035	Custom color 6 (CT06 in menu settings)
			036 <--> 040	Custom color 7 (CT07 in menu settings)
			041 <--> 045	Custom color 8 (CT08 in menu settings)
			046 <--> 050	Custom color 9 (CT09 in menu settings)
			051 <--> 055	Custom color 10 (CT10 in menu settings)
			056 <--> 060	Auto 1
			061 <--> 065	Auto 2
			066 <--> 070	Auto 3
			071 <--> 075	Auto 4
			076 <--> 080	Auto 5
			081 <--> 110	Reserved
			111 <--> 115	Red
			116 <--> 120	Green
			121 <--> 125	Blue
			126 <--> 130	Amber
			131 <--> 135	Lime
			136 <--> 140	RGBAL
			141 <--> 145	Yellow
			146 <--> 150	Pink
			151 <--> 155	Cyan
			156 <--> 160	Orange
			161 <--> 165	Violet
			166 <--> 170	Golden
			171 <--> 175	2700K White
			176 <--> 180	3200K White
			181 <--> 185	4000K White
			186 <--> 190	5500K White
			191 <--> 195	6500K White
			196 <--> 200	RGBL
			201 <--> 220	No Function
			221 <--> 225	Custom program 1 (CH01 in menu settings)
			226 <--> 230	Custom program 2 (CH02 in menu settings)
			231 <--> 235	Custom program 3 (CH03 in menu settings)
			236 <--> 255	No Function



## DMX Values In-Depth (5/7/11-Channel Modes), continued

5CH	7CH	11CH	Value	What It Does
--	--	9	000 <--> 255	Auto Speed (slow <--> fast)
--	--	10	000 <--> 010 011 012 <--> 050 051 052 <--> 090 091 092 <--> 130 131 132 <--> 170 171 172 <--> 210 211 212 <--> 250 251 <--> 255	<b>Virtual Color Wheel</b> No Function Blue Blue (+ green) Cyan Cyan (- blue) Green Green (+ red) Yellow Yellow (- green) Red Red (+ blue) Magenta Magenta (- red) Blue
--	--	11	000 <--> 010 011 <--> 020 021 <--> 030 031 <--> 040 041 <--> 050 051 <--> 060 061 <--> 070 071 <--> 080 081 <--> 090 091 <--> 255	<b>Dimming Mode</b> Default (as set in the LED menu) Linear curve Square law curve Inverse square law curve S-curve Linear curve (smooth) Square law curve (smooth) Inverse square law curve (smooth) S-curve (smooth) Default (as set in the LED menu)

## Troubleshooting

Symptom	Solution
No Light Output	Check power connection and ensure that the fixture is operating under the correct working mode.
Dim Output	Check the overheat protection level in the menu. If it has been triggered, ensure that the fixture has sufficient ventilation.
Chase Speed Too Fast/Slow	Verify that the speed adjustment settings are correct.
Loss of DMX Control	Check the DMX and the power connections to make sure that they are connected. Make sure the DMX address setting is correct. Check to see if the channel mode setting is correct.
No Power	Verify that the power cord and circuit are functioning.
Blown Fuse	Check power cords and circuit for damage.
Fixture Not Responding / Responding Erratically	Make sure all connectors are seated properly and securely. Use only DMX cables and/or check cables for defects. Install a DMX signal terminator. Reset fixture(s).

# 5. APPENDIX

## Keeping Your Motif™ Risplendi As Good As New

The fixture you've received is a rugged, tough piece of pro lighting equipment, and as long as you take care of it, it will take care of you. That said, you'll need to take care of it if you want it to operate as designed. You should keep the fixture clean, especially if you are using it in an environment with a lot of dust, fog, haze, wild animals, wild teenagers or spilled drinks.

Cleaning the optics routinely with a suitable glass cleaner will greatly improve the quality of light output. Keeping the fans free of dust and debris will keep the fixture running cool and prevent damage from overheating.

In transit, keep the fixtures in cases. You wouldn't throw a prized guitar, drumset, or other piece of expensive gear into a gear trailer without a case, and similarly, you shouldn't even think about doing it with your shiny new light fixtures.

Common sense and taking care of your fixtures will be the single biggest thing you can do to keep them running at peak performance and let you worry about designing a great light show, putting on a great concert, or maximizing your client's satisfaction and "wow factor." That's what it's all about, after all!

## Returns (Gasp!)

We've taken a lot of precautions to make sure you never even have to worry about sending a defective unit back, or sending a unit in for service. But, like any complex piece of equipment designed and built by humans, once in a while, something doesn't go as planned. If you find yourself with a fixture that isn't behaving like a good little fixture should, you'll need to obtain a Return Authorization (RA).

Don't worry, this is easy. Just visit [www.blizzardpro.com/support](http://www.blizzardpro.com/support) and open a support ticket, and we'll issue you an RA. Then, you'll need to send the unit to us using a trackable, pre-paid freight method. We suggest using USPS Priority or UPS. Make sure you carefully pack the fixture for transit, and whenever possible, use the original box & packing for shipping.

When returning your fixture for service, be sure to include the following:

- 1.) Your contact information (Name, Address, Phone Number, Email address).
- 2.) The RA# issued to you
- 3.) A brief description of the problem/symptoms.

We will, at our discretion, repair or replace the fixture. Please remember that any shipping damage which occurs in transit to us is the customer's responsibility, so pack it well!

## Shipping Issues

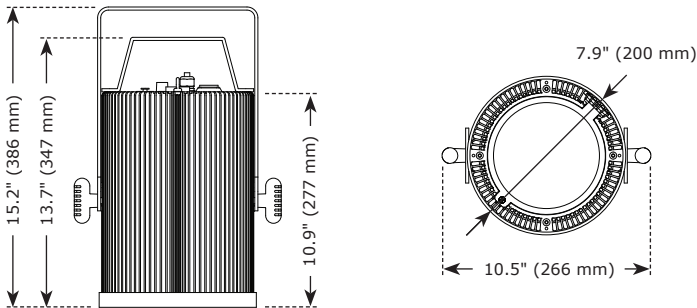
**Damage incurred in shipping is the responsibility of the shipper, and must be reported to the carrier immediately upon receipt of the items. Claims must be made within seven (7) days of receipt.**

## Tech Specs!

<b>Weight &amp; Dimensions</b>				
Width	7.9" (200 mm)			
Depth	7.9" (200 mm)			
Height	Fixture: 10.9" (277 mm), w/short bracket: 13.7" (347 mm)			
Weight	15 lbs. (6.8 kg)			
<b>Power</b>				
Operating Voltage	100-240V, 50/60Hz			
Power Consumption	204W, 1.81A, PF: .98			
Fuse	3A, 250V			
<b>Light Source</b>				
LED	250W RGBAL COB LED, 100,000 hours			
<b>Optical</b>				
Luminous Intensity	Lux/m	2.5-meters	5-meters	7.5-meters
	35°	5,976	1,822	815
	45°	5,722	1,640	734
	60°	4,296	1,059	489
	80°	1,759	488	226
<b>Thermal</b>				
Max. Operating Temp.	104 degrees F (40 degrees C) ambient			
<b>Control</b>				
Protocol	USITT DMX-512, RDM			
DMX Channels	5/7/11-channel DMX modes			
Data	5-pin XLR In/Out			
Other Operating Modes	Standalone, Master/Slave, Auto Mode			
<b>Warranty</b>				
	2-year limited warranty, does not cover malfunction caused by damage to LEDs. Visit <a href="http://www.blizzardpro.com/warranty">www.blizzardpro.com/warranty</a> .			

### DISCLAIMER:

The power connector fitted to the fixture and fixture cord are designed for compatibility with products manufactured by Neutrik AG, Neutrik USA and their related entities, however they are not manufactured by, affiliated with or endorsed by Neutrik AG, Neutrik USA, or any related entity. Neutrik® and power-CON® are registered trademarks of Neutrik AG.





**Enjoy your product!  
Our sincerest thanks for your purchase!  
--The team @ Blizzard Lighting**