SKYBOX RGBALC



blizzard

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http://www.blizzardpro.com
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TABLE OF CONTENTS

1. Getting Started **4**

What's In The Box? 4
Getting It Out Of The Box 4
Powering Up! 4
Getting A Hold Of Us 4
Safety Instructions 5

2. Meet the SkyBox™ G2 RGBALC **6**

Main Features 6
DMX Quick Reference 6
SkyBox™ G2 RGBALC Pin-Up Picture 7
Rear Connections 7

3. Setup **8**

Fuse Replacement 8
Connecting A Bunch of SkyBox™ G2 RGBALC Fixtures 8
Data/DMX Cabling 8
Cable Connectors 9
3-Pin??? 5-Pin??? Huh?!? 9
Take It To The Next Level: Setting Up DMX Control 9
Fixture Linking (M/S Mode) 10
Mounting & Rigging 10
Using the AnyFi™ Wireless DMX Receiver 11
Possible Configurations 13
Using the Intelion™ Battery System 13

4. Operating Adjustments **14**

The Control Panel 14
Control Panel Menu Structure 15
DMX Mode 16
Dimming Mode Settings 16
Custom Programs 16
Auto and Sound Active Modes 17
Color Calibration Settings 17
Custom Static Colors 17
Fixture Reset Functions 18
Data Sync Feature 18
Using the IR Remote Control 19
DMX Values In-Depth (6/8/12-Channel Modes) 20

5. Appendix **22**

Keeping Your SkyBox™ G2 RGBALC As Good As New 22
Returns (Gasp!) 22
Shipping Issues 22
Tech Specs! 23
Dimensional Drawings 23

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LITHIUM-ION BATTERY WARNINGS & INFO

YOU MUST READ THESE SAFETY INSTRUCTIONS AND WARNINGS BEFORE USING OR CHARGING YOUR FIXTURES. LI-ION BATTERIES ARE VOLATILE. FAILURE TO READ AND FOLLOW THE BELOW INSTRUCTIONS MAY RESULT IN FIRE, PERSONAL INJURY AND DAMAGE TO PROPERTY IF CHARGED OR USED IMPROPERLY. BY PURCHASING AND USING THESE FIXTURES, YOU ASSUME ALL RISKS ASSOCIATED WITH LITHIUM BATTERIES.

1. WARNING! TO REDUCE THE RISK OF INJURY AND/OR EQUIPMENT DAMAGE, DO NOT TAMPER WITH THE CHARGING CIRCUITRY IN THIS FIXTURE. The use of other types of chargers may result in personal injury or equipment damage. Under no circumstances attempt to connect the battery pack to any power supplies or other equipment that is not specifically and expressly designated for use with this model battery pack.

2. NEVER CHARGE UNATTENDED. When charging Li-Ion batteries, you must always remain in constant observation in order to react to potential problems which may occur. Failure to do so may result in fire. Put the battery in a fireproof container, and charge in an isolated area, away from flammable materials. Always have a fire extinguisher ready for emergency use.

3. USE THE LITHIUM ION BATTERY PACK ONLY WITH EQUIPMENT SPECIFICALLY AND EXPRESSLY DESIGNATED FOR USE WITH THIS MODEL BATTERY PACK. Use with other equipment may result in fire, electric shock, personal injury, and/or damage to equipment.

4. AVOID DANGEROUS CONDITIONS AND ENVIRONMENTS. Do not charge the battery pack in damp or wet conditions. Avoid using the pack in direct exposure to rain or snow. Do not use the battery pack or charger in the presence of explosive gases or flammable materials.

5. AVOID USING OR STORING THE BATTERY PACK IN EITHER EXTREME COLD OR EXTREME HOT TEMPERATURES. The battery pack will disable itself under conditions of extreme heat (above 60 °C) and may not function to full performance under conditions of extreme cold (below –20 °C). Storage at elevated temperatures (above 25 °C) will shorten the life of the battery pack.

6. DO NOT BURN OR INCINERATE BATTERY PACKS. Battery packs may explode causing personal injury, fire, and/or damage. Fumes resulting from burning of battery packs may be toxic.

7. DO NOT DROP, CRUSH, IMPACT, OR MECHANICALLY ABUSE BATTERY PACKS. Cease use of fixtures that have suffered a sharp impact, been dropped, run over, or damaged in any other way. Such impacts may cause internal damage that is not externally visible and that, over time, may cause short circuits, battery cell leakage, or other events that may lead to fire, personal injury, and or equipment damage.

8. DO NOT DISASSEMBLE BATTERY PACK. There are no user serviceable parts within battery packs. Disassembly may result in short circuiting or other damage that may cause fire, personal injury, and/or other damage.

9. AVOID CONTACT WITH BATTERY CHEMICALS. If a battery pack leaks battery chemicals, avoid any contact with skin, eyes, or mouth. In the event of contact with skin, wash immediately with soap and water and rinse with vinegar. For eye contact, begin flushing with clean water, immediately call for medical help, and continue flushing for 20 minutes or until medical help arrives.

10. STORE IN A COOL, DRY PLACE. Avoid leaving the fixture in direct sunlight, vehicle cabs, compartments, or unventilated storage buildings during hot summer conditions. Under extreme temperature conditions damage may occur. Elevated temperatures in general shorten the life of your battery pack.

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1. GETTING STARTED

What's In The Box?

- 1x SkyBox™ G2 RGBALC LED Fixture
- 1x IR Remote
- 1x AC Power Cord
- This Lovely User Manual

Getting It Out Of The Box

Congratulations on purchasing the SkyBox™ G2 RGBALC. 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**.

AC Voltage Compatibility - Confirm that the product's power requirements align with your local power supply before use. Refer to the product's label or the specifications chart provided with the product for details. The current rating listed represents the average current draw under normal conditions.

Warning! ***Verify the product's compatibility with your area's line voltage to avoid damage. Ensure that all connections are made to circuits that provide proper grounding (earthing).***

Getting A Hold Of Us

If something is wrong, please visit our website at www.blizzardpro.com/support and open a support ticket. We'll be happy to help, honest.

Disclaimer: The information contained in this document is 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 document or create a new one to correct any errors or omissions. You can download the latest version of this document from www.blizzardpro.com.

Author:	Date:	Last Edited:	Date:
J. Thomas	9/30/2025	J. Thomas	9/30/2025

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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.

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2. MEET THE SKYBOX™ G2 RGBALC

Main Features

- RGBALC color mixing via 7x 15W 6-in-1 LEDs
- Built-in AnyFi™ wireless DMX receiver (Skywire™ or W-DMX™)
- Ultra Long-life intelion™ lithium-ion battery system
- Built-in auto programs + virtual color wheel
- 18 standard + 32 popular Rosco® matched color presets
- Built-in sound active programs
- 6/8/12-channel DMX profiles
- 8 user-selectable dimming modes
- Flicker-free constant-current LED driver
- 25 degree beam angle
- 4-button control menu with OLED display
- Dual mounting brackets for versatile mounting or freestanding
- 5-pin male/female XLR input & output connections
- PowerCON® TRUE1™ compatible power input

DMX Quick Reference (6-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%)
6	Cyan Intensity (0 <-> 100%)

DMX Quick Reference (8-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	Cyan Intensity (0 <-> 100%)
8	Strobe Effects

DMX Quick Reference (12-Channel Mode)

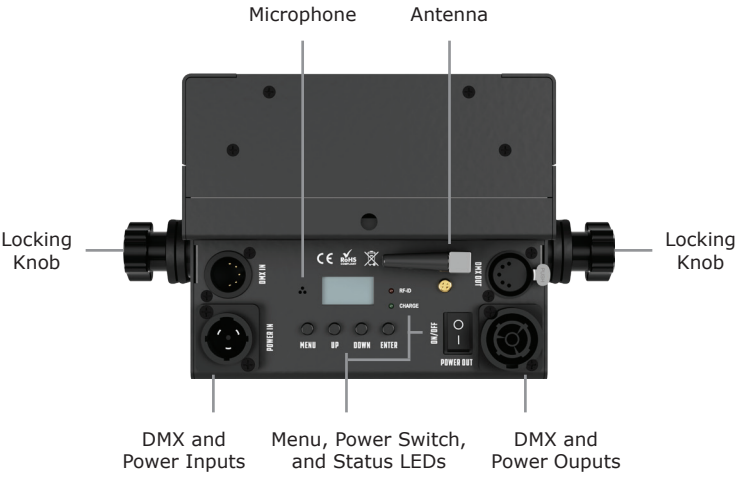
Channel	What is does...
1	Master Dimmer (0 <-> 100%)
2	Red Intensity (0 <-> 100%)
3	Green Intensity (0 <-> 100%)
4	Blue Intensity (0 <-> 100%)
5	Amber Intensity (0 <-> 100%)
6	Lime Intensity (0 <-> 100%)
7	Cyan Intensity (0 <-> 100%)
8	Strobe Effects
9	Built-In Programs
10	Auto Speed (fast <-> slow)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

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Figure 1: SkyBox™ G2 RGBALC Pin-Up Picture



Figure 2: Rear Connections



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3. SETUP



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

Fuse Replacement

This fixture utilizes a high-output switch-mode power supply with an internal fuse. Under normal conditions, the fuse should not require replacement. Should your fixture require fuse replacement, please contact us for instructions.

Connecting A Bunch of SkyBox™ G2 RGBALC Fixtures

You will need a serial data link to run light shows using a DMX-512 controller or to run shows on two or more fixtures set to sync in master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.

Fixtures on a serial data link must be daisy chained in a single line. Also, connecting more than 32 fixtures on one serial data link without the use of an optically-isolated DMX splitter may result in deterioration of DMX signal. The maximum recommended cable-run distance is 500 meters (1640 ft).

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 and are less prone to electromagnetic interference.

For instance, Belden© 9841 meets the specifications for EIA RS-485 applications. Standard microphone cables will "probably" be OK, but note that they cannot transmit DMX data as reliably over long distances. In any event, the cable should have the following characteristics:

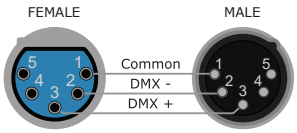
- *2-conductor twisted pair plus a shield*
- *Maximum capacitance between conductors – 30 pF/ft.*
- *Maximum capacitance between conductor & shield – 55 pF/ft.*
- *Maximum resistance of 20 ohms / 1000 ft.*
- *Nominal impedance 100 – 140 ohms*

Disclaimer: The power connectors 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 powerCON® are registered trademarks of Neutrik AG.

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Cable Connectors

Cables must have a male XLR connector on one end and a female XLR connector on the other end.



A Word on Termination:

DMX is a resilient communication protocol, 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

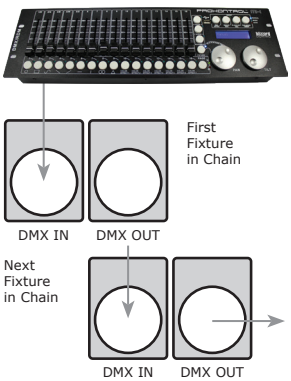
Take It To The Next Level: Setting Up DMX Control

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.*

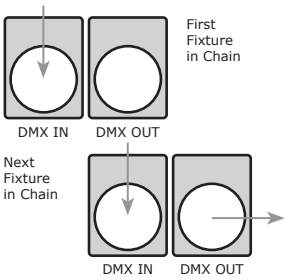
Step 3: Connect other fixtures in the chain from output to input as above. Place a DMX terminator on the output of the final fixture to ensure best communication.



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Fixture Linking (M/S Mode)

1. Connect the male connector side of the DMX cable to the output female connector of the first fixture.



2. Connect the end of the cable coming from the first fixture which will have a female connector to the input connector of the next fixture consisting of a male connector. Then, proceed to connect from the output as stated above to the input of the following fixture and so on.

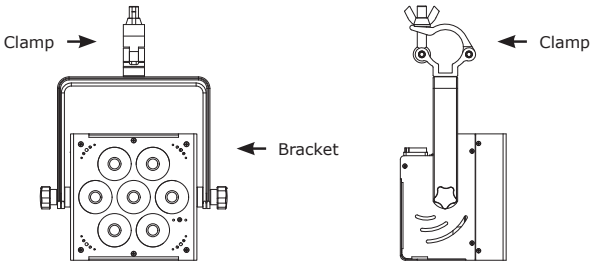
***A quick note**: Often, the setup for Master-Slave and Standalone operation requires that the first fixture in the chain be initialized for this purpose via either settings in the control panel or DIP-switches. Secondarily, the fixtures that follow may also require a slave setting.*

Check the "**Operating Adjustments**" section in this manual for complete instructions for this type of setup and configuration.

Mounting & Rigging

This fixture may be mounted in any safe position with adequate ventilation. The fans must never be obstructed.

IMPORTANT: Always secure the fixture with a safety cable.



Use "C" or "O" clamps rated to hold at least 10x the fixture's weight. Do not mount to unknown surfaces, and always use properly rated rigging for overhead installation.

Overhead mounting requires expertise in load limits, installation materials, and safety inspections. If you lack these qualifications, do not attempt installation.

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Using the AnyFi™ Wireless DMX Receiver

Your fixture is equipped to work seamlessly with Skywire™ 2.4GHz wireless DMX products and W-DMX® wireless products.

Skywire™ AnyFi™ wireless DMX supports 512 auto-assigning frequencies across 6 or 7 groups, allowing multiple systems to run in the same space without interference. With over 1000 feet of reliable line-of-sight range, the W-DMX® protocol in AnyFi™ delivers simple setup, strong performance, and built-in FHSS technology (Frequency Hopping Spread Spectrum) to prevent signal loss.

If you would like to use Skywire™ wireless DMX, you will need a transmitter, transceiver, or a controller with a built-in wireless 6/7-channel transmission. And if you plan on using W-DMX® wireless protocol, you will need a W-DMX® transceiver to broadcast the signal from your controller.

Ready to move on?

To use wireless DMX, you'll need a transmitter, transceiver, or a controller with a built-in wireless DMX output.

- For 6/7-channel Skywire™, use a Skywire™ transmitter or compatible controller.
- For W-DMX®, use a W-DMX® transceiver to broadcast from your controller.

Once your transmitting device is ready, follow these steps to set up the fixture:

Set the Fixture to Receive Wireless Signal

1. From the main menu, go to **SET** and press **<ENTER>**.
2. Use the **<UP/DOWN>** buttons to find **Source**, then press **<ENTER>**.
3. Use **<UP/DOWN>** to select **2.4G** (wireless mode), then press **<ENTER>**.

Reset The Wireless Connection

1. From the main menu, go to **SET** and press **<ENTER>**.
2. Use the **<UP/DOWN>** buttons to find **Source**, then press **<ENTER>**.
3. Use **<UP/DOWN>** to select **Reset**, then press **<ENTER>**.

Select W-DMX® or Skywire™ Mode

1. Power on the device you are using to transmit the signal.
2. From the main menu, go to **SET** and press **<ENTER>**.
3. Use **<UP/DOWN>** to find **Source**, then press **<ENTER>**.
4. Use **<UP/DOWN>** to select **Key**, then press **<ENTER>**.
5. Each time you press **<ENTER>**, the wireless status LED cycles through 4 colors.
6. When the LED is on the desired color (**Green** for W-DMX®, **Yellow** for Skywire™ 7CH, **Red** for Skywire™ 6CH), *press and hold* **<ENTER>**.

    - Hold for 1 second to confirm and save.
    - Hold for 3 seconds to disconnect.

RF-ID LED Color	Mode Selection
Blue	No Function
Yellow	Skywire™ 7CH Receiver Mode
Red	Skywire™ 6CH Receiver Mode
Green	W-DMX™ 2.4 GHz Receiver Mode

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Successful W-DMX® Connections

- The LED will flash **White** while searching for a signal.
- When a connection is established, the LED will be solid **Green**.
- If the signal is lost, the LED will flash **Red**.

W-DMX® Setup Examples

1. One transceiver with multiple receivers:

   - Power on all units.
   - On each receiving W-DMX® fixture, follow the previous pairing steps with the transmitting unit.

2. Multiple transceivers with multiple receivers (Example: three groups, each with a transceiver and receivers, named A, B, and C)

   - Power off all units.
   - Power on Group A (transceiver + receivers), then follow Step 1 above.
   - Power on Group B, then follow Step 1 above.
   - Power on Group C, then follow Step 1 above.

Skywire™ 6/7-Channel Modes: Selecting the Channel Group

1. After selecting Skywire™ 2.4GHz Mode in Step 3 (previous page), the fixture is ready to choose the frequency group that matches your transmitter.

   - Press **<ENTER>** repeatedly to scroll through the channel groups.
   - While the desired channel group number/color is displayed, press and hold **<ENTER>** for 3 seconds to confirm.

RF-ID LED Color	Mode	Channel LED Color	Information
	Skywire™ 6CH (AnyFi™ products only)	CH1	Matches AnyFi™ wireless products in 6CH mode.
		CH2	
		CH3	
		CH4	
		CH5	
		CH6	
	W-DMX® Receive (G3 or G4)		Matches W-DMX®
	Skywire™ 7CH (wiCICLE™ compatible)	CH1	Matches AnyFi™, wiCICLE™, and Skywire™ wireless products in 7CH mode.
		CH2	
		CH3	
		CH4	
		CH5	
		CH6	
		CH7	

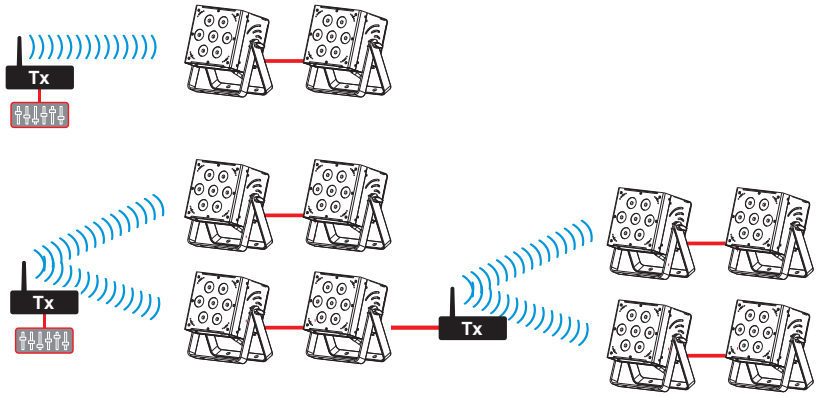
RF-ID LED Status

- The transmitter LED will blink red slowly until communication is established.
- The receiver LED will light in the selected channel's color until communication is confirmed.
- Once the connection is locked, the status LEDs blink quickly on both transmitter and receiver.

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Possible Configurations

The diagrams below show possible configurations. Multiple units may be used in any possible configuration.



Using the Intelion™ Battery System

The SkyBox™ G2 RGBALC features our proprietary Intelion™ Lithium-Ion internal battery system. Its battery provides the flexibility to operate your fixture without AC power for up to 20 hours.

To charge the battery, simply plug the fixture into a power source. The battery will charge whether the fixture is powered on or off, and it will even charge while in use. The built-in microprocessor of the battery system controls the charge and overall battery health, so all you need to do is plug and play.

The left side of the OLED display shows the approximate percentage of power remaining in the battery. When charging, the charge status LED next to the OLED display will illuminate **RED**, then turn **GREEN** when charging is complete.

A full charge is obtained after charging for at least 4 hours. The fixture will automatically stop charging when the battery is in optimal condition.

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BATTERY SYSTEM

Power Output Mode:

Depending on the needs of your application, you can select either High Power, Medium Power, or Low Power, which can allow the fixture to run for a longer time with lower output.

a.) Navigate the menu to reach **Set** > **PWR Output**, and press **<ENTER>**.
b.) Use the **<UP/DOWN>** buttons to select **High (100%), Medium (75%) or Low (50%)**, then press **<ENTER>** to confirm.

Note: With average usage of color fades in *High Output Mode*, expect up to 10+ hours of battery life. More demanding effects such as color jumping (5+ hrs) or full-on operation (3+ hrs) will reduce runtime. Chase/strobe effects and ambient conditions (such as temperature) may further impact battery life.

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4. OPERATING ADJUSTMENTS

The Control Panel

All the features and different modes possible with the SkyBox™ G2 RGBALC are accessed by using the control panel on the rear of the fixture. There are 4 control buttons which allow you to navigate through the various control panel menus.

<MENU>

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

<ENTER>

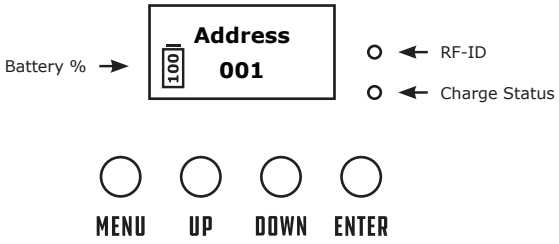
Is used to select and confirm/store the current selection.

<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.

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Control Panel Menu Structure

Address	001-512		To choose the DMX address	
Static	Red		Red intensity (0% <--> 100%)	
	Green		Green intensity (0% <--> 100%)	
	Blue		Blue intensity (0% <--> 100%)	
	Amber		Amber intensity (0% <--> 100%)	
	Lime		Lime intensity (0% <--> 100%)	
	Cyan		Cyan intensity (0% <--> 100%)	
	Strobe		Flash / strobe speed (0-255)	
	Presets	Standard	None, Red, Green, Blue, Amber, Lime, Cyan, Yellow, Pink, Royal Blue, Orange, Violet, Golden, 2700K, 3200K, 4000K, 5500K, 6500K, RGBA	
		Rosco	None, R27 Med Red, R26 Lt Red, R19 Fire, R22 Deep Amber, R23 Orange, R18 Flame, R04 Med B Amber, R01 Lt B Amber, R02 B Amber, R14 Med Straw, R10 Med Yellow, R96 Lime, R388 Gas Green, R86 Pea Green, R389 Chr Green, R92 Turquoise, R90 Dark Y Green, R393 Em Green, R73 Pcock B, R64 Lt Steel B, R67 Lt Sky Blue, R72 Azure Blue, R70 Nile Blue, R66 Cool Blue, R54 Sp Lavender, R52 Lt Lavender, R57 Lavender, R59 Indigo, R49 Med Purple, R344 Fol Pink, R339 Bway Pink, R30 Lt Salmon P	
Set	Source	2.4G	Choose signal type: wireless	
		Reset	Wireless Reset (YES/NO)	
		Key	Select desired wireless mode (color coded LED)	
		Cable	Choose signal type: cable	
	Calibrate		To set global intensity levels of each color + USE: YES/NO	
	Ch. Mode	6CH	To run in 6-channel mode (Legacy)	
		8CH	To run in 8-channel mode	
		12CH	To run in 12-channel mode	
	Curves	Linear	Linear dimming curve	
		Square	Square law curve	
		Inv. Sq.	Inverse square law curve	
		S-Curve	S-curve	
		Linear (S)	Linear dimming curve (smooth)	
		Square (S)	Square law curve (smooth)	
		Inv Sq (S)	Inverse square law curve (smooth)	
		S-Curve (S)	S-curve (smooth)	
	PWM		1200Hz, 2400Hz, 4000Hz, 12000Hz,16000Hz, 20000Hz	
	Display	On	Menu display is on continually	
		Off (2 Min)	Menu display shuts off after 2 minutes of inactivity	
	Lock	No/Yes	To unlock the menu, press: **<UP>, <DOWN>, <UP>, <DOWN>, <ENTER>** within 3 seconds each.	
	Rotate	**<ENTER>**	Select normal or rotate the menu display by 180°	
	Intensity	**<ENTER>**	Adjust the menu brightness intensity level 1-100	
	IR Remote	**<ENTER>**	Disable or enable the IR remote control	
	PWR Output	**<ENTER>**	Battery output: High/Medium/Low	
Custom	Color 1-10	**<ENTER>**	R/G/B/A/L/C adjustments for custom colors 01-10	
Auto	Auto 1-5	**<ENTER>**	Auto programs 1-5	
	Auto Speed	**<ENTER>**	Auto speed 0-255 (fast to slow)	
	Chase 1-3	**<ENTER>**	Run custom chase programs 1-3	
	Sound 1-3	**<ENTER>**	Sound active modes 1-3 (mic sensitivity 0-255)	
Program	Chase 1-3 Custom chase programs 1-3.	Scene 1-25 25 scenes for each custom program.	Red (0-255)	Strobe (0-255)
			Green (0-255)	Auto (None, Auto 1-5)
			Blue (0-255)	Auto Speed (0-255 seconds)
			Amber (0-255)	Time (duration, 0-255 seconds)
			Lime (0-255)	Wait (before fade, 0-255 sec.)
			Cyan (0-255)	Use (use scene, No/Yes)
Info	Software		Software version information	
	Power		Current automated overheat protection level (100%/80%/50%)	
	Temp.		Display the internal temperature of the fixture	
	RDM UID		RDM Unique ID (UID)	
Reset	Settings		Restore factory settings	
	Programs		Restore factory program settings	
Send	No/Yes		Sync settings between fixtures via DMX	

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DMX Mode

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

Set DMX Address

1. The default starting channel is **001**.
2. To change it, press **<MENU>**, use **<UP/DOWN>** to highlight **Address**, then **<ENTER>**. Scroll from **001-512** with **<UP/DOWN>**, then press **<ENTER>**.

Set DMX Channel Mode

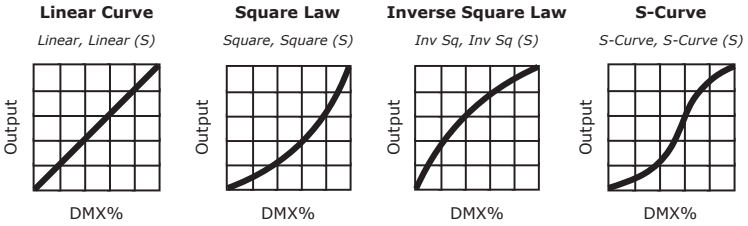
1. Press **<MENU>**, use **<UP/DOWN>** to highlight **Set**, then **<ENTER>**.
2. Use **<UP/DOWN>** until the display shows **Ch. Mode**, then press **<ENTER>**.
3. Use **<UP/DOWN>** to select the desired mode, then press **<ENTER>** to confirm.

Slave Mode

1. Daisy-chain DMX in/out on all fixtures.
2. The first fixture in the chain is the master, and others will follow automatically.

Dimming Mode Settings

Allows users to set the fixture to use 1 of 4 dimming curves (each with an optional "S" version for smoother/slower fades). Curves with the trailing (S) add extra delay for smoother effect.



To Set Dimming Curve:

1. Press **<MENU>**, then use **<UP/DOWN>** to select **Set**, then press **<ENTER>**.
2. Use **<UP/DOWN>** to scroll to **Curves**, then press **<ENTER>**.
3. Use **<UP/DOWN>** to select the desired curve, then press **<ENTER>**.

Custom Programs

Allows users to create up to 3 customizable programs (up to 25 scenes each) that are accessible from the control panel or in DMX mode.

Create a Custom Program

1. Press **<MENU>**, then use **<UP/DOWN>** to select **Program**, then press **<ENTER>**.
2. Use **<UP/DOWN>** to choose **Chase 1**, **Chase 2**, or **Chase 3**, then press **<ENTER>**.
3. Press **<ENTER>** to begin editing **Scene 1**. Customize it using the options in the following table. ***Be sure to enable each scene (USE: NO/YES), otherwise it will not run.***
4. Repeat the process for additional scenes. Up to 25 scenes can be created for each of the 3 custom programs.

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Available parameters for custom program scenes:

Red Intensity (0-255)	Cyan Intensity (0-255)	Wait (0-255, fade in fast to slow)
Green Intensity (0-255)	Strobe (0-255)	Use (No/Yes) Use scene in program?
Blue Intensity (0-255)	Auto 1-5 (auto programs)	***IMPORTANT:***
Amber Intensity (0-255)	Auto Speed (0-255, fast - slow)	***If USE is set to NO, or TIME is set to 0, the scene will not run!***
Lime Intensity (0-255)	Time (0-255, scene time in seconds)	

Running A Custom Program

1. Press **<MENU>**, then use **<UP/DOWN>** to select **Auto**, then press **<ENTER>**.
2. Select **Chase 1-3** using **<UP/DOWN>**, then press **<ENTER>**.

Auto and Sound Active Modes

Allows single or Master/Slaved units to run automated programs at user-selectable speeds.

Auto Mode

1. Press **<MENU>**, then use **<UP/DOWN>** to select **Auto**, then press **<ENTER>**.
2. Use **<UP/DOWN>** to select a program (**Auto 1-5**), then press **<ENTER>**.
3. Press **<MENU>** to return to the previous level, then use **<UP/DOWN>** to select **Auto Speed**, and press **<ENTER>**.
4. Choose a value from **0-255** (fast <-> slow), then press **<ENTER>**.

Sound Active

1. Press **<MENU>**, then use **<UP/DOWN>** to select **Auto**, then press **<ENTER>**.
2. Select **Sound 1-3** using **<UP/DOWN>**, then press **<ENTER>**.
3. Use **<UP/DOWN>** to adjust the mic sensitivity (**0-255**), then press **<ENTER>**.

Color Calibration Settings

Allows the user to save one customized R/G/B/A/L/C color balance for future use. The setting is global, stored in memory after powering off, and can be turned on or off at any time.

1. Press **<MENU>**, then use **<UP/DOWN>** to select **Set**, then press **<ENTER>**.
2. Scroll to **Calibrate**, then press **<ENTER>** again.
3. Use **<UP/DOWN>** to highlight a color (**Red**, **Green**, **Blue**, **Amber**, **Lime**, **Cyan**), then press **<ENTER>**.
4. Use **<UP/DOWN>** to select a value **000-255** (000 = off), then **<ENTER>** to confirm.
5. Repeat steps 3-4 for additional colors as needed.
6. To enable or disable the saved calibration, press **<UP/DOWN>** to select **USE**, then press **<ENTER>** and choose either **NO** or **YES**.

Custom Static Colors

Allows the user to create and save up to 10 static colors for use in standalone or DMX mode.

1. In the menu, select **Custom**, then press **<ENTER>**.
2. Use **<UP/DOWN>** to select a color bank (**Color 1-10**), then press **<ENTER>**.
3. Use **<UP/DOWN>** to highlight a color (**Red**, **Green**, **Blue**, **Amber**, **Lime**, **Cyan**) then press **<ENTER>**.
4. Use **<UP/DOWN>** to set a value (**000-255**, where 000 = off), then press **<ENTER>** to confirm.
5. Repeat steps 3-4 for additional colors as needed.
6. Saved colors can be accessed or edited at any time and will remain stored after powering off.
7. These custom colors are also accessible from the **Effect Channel** in DMX mode.

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Fixture Reset Functions

Allows the user to reset the fixture to factory defaults without losing customized settings, or to reset only the custom programs.

1. Press **<MENU>**, then use **<UP/DOWN>** to select **Reset**, and press **<ENTER>**.
2. Use **<UP/DOWN>** to highlight **Settings** or **Programs**, then press **<ENTER>**.
3. Use **<UP/DOWN>** to select **Yes** or **No**, then press **<ENTER>**.
4. Restoring **Settings** returns all default values except **Address**, **Custom** (10 colors), and **Programs** (custom scenes and programs).
5. Clearing **Programs** removes only the customized program settings stored in **Programs**.

Data Sync Feature

Transfers custom settings from one fixture to another via DMX.

1. Disconnect fixtures from any DMX controller, then link them via DMX in/out.
2. On the sending fixture (DMX out), press **<MENU>**, use **<UP/DOWN>** to select **Send**, then press **<ENTER>**.
3. Select **YES**, then press **<ENTER>** to begin transfer.
4. The transfer will not include **Address** or **Calibrate** settings.
5. After transfer, the receiving fixture will automatically reset.

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Using the IR Remote Control

To use the IR remote, first enable IR control from the OLED menu by navigating to **Set** > **IR Remote** and selecting **Enabled** or **Disabled**.

The remote control is simple to use. It offers much of the same functionality of the control panel, with the addition of quick access shortcut buttons.



ON + OFF - Double-tap ON to activate the remote and tap OFF to deactivate.

R/G/B/A/L/C - Pressing any of these buttons sets the fixture to static color mode for color mixing. Use + to increase and - to decrease the intensity of the selected color.

FULL - Sets all values (R, G, B, A, L, C, DIM, or SPEED) to maximum.

CLEAR - Resets all values (R, G, B, A, L, C, DIM, or SPEED) to 0.

STROBE - Cycles through various strobe speeds and types.

AUTO - Cycles through the available auto modes.

CUSTOM COLOR - Cycles through 10 custom colors set on the fixture.

CUSTOM CHASE - Cycles through the 3 custom chases set on the fixture.

DIM - Adjusts the fixture's overall intensity. Use + to increase and - to decrease the intensity.

SPEED - Adjusts the auto mode speed. Use + to increase and - to decrease the speed.

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DMX Values In-Depth (6/8/12-Channel Modes)

6CH	8CH	12CH	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%)
6	7	7	000 <-> 255	Cyan Intensity (0% <-> 100%)
--	8	8		**Strobe**
			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)
--	--	9		**Built-In Programs**
			000 <-> 004	No Function
			005 <-> 009	Color 1 (custom color 1 in menu)
			010 <-> 014	Color 2 (custom color 2 in menu)
			015 <-> 019	Color 3 (custom color 3 in menu)
			020 <-> 024	Color 4 (custom color 4 in menu)
			025 <-> 029	Color 5 (custom color 5 in menu)
			030 <-> 034	Color 6 (custom color 6 in menu)
			035 <-> 039	Color 7 (custom color 7 in menu)
			040 <-> 044	Color 8 (custom color 8 in menu)
			045 <-> 049	Color 9 (custom color 9 in menu)
			050 <-> 054	Color 10 (custom color 10 in menu)
			055 <-> 059	Auto 1
			060 <-> 064	Auto 2
			065 <-> 069	Auto 3
			070 <-> 074	Auto 4
			075 <-> 079	Auto 5
			080 <-> 082	No Function
			083 <-> 085	Red
			086 <-> 088	Green
			089 <-> 091	Blue
			092 <-> 094	Amber
			095 <-> 097	Lime
			098 <-> 100	Cyan
			101 <-> 103	Yellow
			104 <-> 106	Pink
			107 <-> 109	Cyan
			110 <-> 112	Orange
			113 <-> 115	Violet
			116 <-> 118	Golden
			119 <-> 121	2700K White
			122 <-> 124	3200K White
			125 <-> 127	4000K White
			128 <-> 130	5500K White
			131 <-> 133	6500K White
			134 <-> 136	RGBA
			137 <-> 139	No Function
			140 <-> 142	R27 Medium Red
			143 <-> 145	R26 Light Red
			146 <-> 148	R19 Fire
			149 <-> 151	R22 Deep Amber
			152 <-> 154	R23 Orange

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DMX Values In-Depth (6/8/12-Channel Modes)

6CH	8CH	12CH	Value	What It Does
--	--	9	155 <-> 157	R18 Flame
			158 <-> 160	R04 Medium Bastard Amber
			161 <-> 163	R01 Light Bastard Amber
			164 <-> 166	R02 Bastard Amber
			167 <-> 169	R14 Medium Straw
			170 <-> 172	R10 Medium Yellow
			173 <-> 175	R96 Lime
			176 <-> 178	R388 Gaslight Green
			179 <-> 181	R86 Pea Green
			182 <-> 184	R389 Chroma Green
			185 <-> 187	R92 Turquoise
			188 <-> 190	R90 Dark Yellow Green
			191 <-> 193	R393 Emerald Green
			194 <-> 196	R73 Peacock Blue
			197 <-> 199	R64 Light Steel Blue
			200 <-> 202	R67 Light Sky Blue
			203 <-> 205	R72 Azure Blue
			206 <-> 208	R70 Nile Blue
			209 <-> 211	R66 Cool Blue
			212 <-> 214	R54 Special Lavender
			215 <-> 217	R52 Light Lavender
			218 <-> 220	R57 Lavender
			221 <-> 223	R59 Indigo
			224 <-> 226	R49 Medium Purple
			227 <-> 229	R344 Follies Pink
			230 <-> 232	R339 Broadway Pink
			233 <-> 235	R30 Light Salmon Pink
			236 <-> 238	No Function
			239 <-> 243	Custom Chase 1 (as set in menu)
			244 <-> 248	Custom Chase 2 (as set in menu)
			249 <-> 255	Custom Chase 3 (as set in menu)
--	--	10	000 <-> 255	Auto Speed (slow <-> fast)
--	--	11		**Virtual Color Wheel**
			000 <-> 010	No Function
			011	Blue
			012 <-> 050	Blue (+ green)
			051	Cyan
			052 <-> 090	Cyan (- blue)
			091	Green
			092 <-> 130	Green (+ red)
			131	Yellow
			132 <-> 170	Yellow (- green)
			171	Red
			172 <-> 210	Red (+ blue)
			211	Magenta
			212 <-> 250	Magenta (- red)
			251 <-> 255	Blue
--	--	12		**Dimming Mode**
			000 <-> 010	Default (as set in the LED menu)
			011 <-> 020	Linear curve
			021 <-> 030	Square law curve
			031 <-> 040	Inverse square law curve
			041 <-> 050	S-curve
			051 <-> 060	Linear curve (smooth)
			061 <-> 070	Square law curve (smooth)
			071 <-> 080	Inverse square law curve (smooth)
			081 <-> 090	S-curve (smooth)
			091 <-> 255	Default (as set in the LED menu)

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5. APPENDIX

Keeping Your SkyBox™ G2 RGBALC 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. Cleaning the optics routinely with a suitable glass cleaner will greatly improve the quality of light output.

In transit, keep the fixtures in cases. 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 concentrate on designing a great light show. 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 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

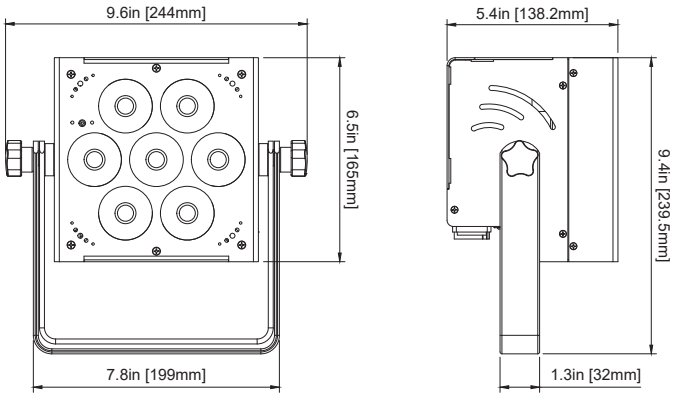
Damage incurred in shipping is the responsibility of the shipper, and must be reported to the carrier immediately upon receipt of the items. Claims must be made within seven (7) days of receipt.

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Tech Specs!

Weight & Dimensions	
Width	9.6 inches (244 mm)
Depth	5.4 inches (138.2 mm)
Height	9.4 inches (239.5 mm)
Weight	10 lbs (4.56 kg)
Power	
Operating Voltage	AC 90V-240V/50-60HZ
Power Consumption	49W, 0.66A, PF: .63
Light Source	
LED	7x 15W RGBALC 6-in-1 LEDs (100,000 hours)
Optical	
Luminous Intensity	3,263 Lux @ 2.5M, 790 Lux @ 5M
Beam Angle	25-degree beam
Thermal	
Max. Operating Temp.	104 degrees F (40 degrees C) ambient
Control	
Protocol	USITT DMX-512, RDM
DMX Channels	6/8/12-channel DMX modes
Input/Output	5-pin XLR Male/Female
Other Operating Modes	DMX512, M/S, Standalone, Auto Mode, Sound Active
Warranty	2-year limited warranty, does not cover malfunction caused by damage to LEDs.

Dimensional Drawings



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