



ADVANCED MILLION COLOR MOTORCYCLE LIGHTING KIT WITH SMARTPHONE CONTROL



INSTALLATION GUIDE

1.877.LED.GLOW • LEDGLOW.COM





INSTALLATION GUIDE

Tech Support 856-768-5700 Ext. 2 • TechSupport@LEDGlow.com

TABLE OF CONTENTS

Motorcycle Kit Installation	1
Apple iOS Pairing Instructions	3
Android Pairing Instructions	4
Device Pairing Tips & Troubleshooting	5
LEDGlow Motorcycle Control App Functions	6
Settings	7
Wireless Remote Functions	8
Terms and Conditions	9

GET THE APP:





INSTALLATION GUIDE

Tech Support 856-768-5700 Ext. 2 • TechSupport@LEDGlow.com

Advanced Million Color Control Box with Smartphone Control

WARNING: DO NOT USE THIS SOFTWARE WHILE OPERATING A MOTOR VEHICLE. THIS PRODUCT IS DESIGNED FOR OFF ROAD USE ONLY. PLEASE CHECK YOUR LOCAL AND STATE LAWS FOR THE PROPER USE OF THIS PRODUCT. Every state has different policies and procedures in place regarding aftermarket LED lighting accessories. LEDGlow is not responsible for any fines that you may receive while using this lighting kit. **This kit is for off-road use only.**

Warning: The installation of this kit is recommended to be installed by a licensed professional. The improper installation of this kit will void all warranties.

It is recommended to install each motorcycle lighting strip using Adhesion Tape, which allows for a much stronger bond between the adhesive tape of the light strip and the cleaned mounting surface of your motorcycle. Adhesion Tape is an optional installation accessory that is NOT included with your motorcycle lighting kit.

PLEASE READ THE FOLLOWING INSTRUCTIONS THOROUGHLY BEFORE INSTALLING AND OPERATING THIS LED MOTORCYCLE KIT.

MOTORCYCLE LIGHTING KIT INCLUDES:	
• Bluetooth Control Box	• (2) Wireless Remotes
• Double-Sided Tape Pad	• Zip Ties
• Motorcycle LED Lighting Strips	• (2) Power Harnesses

Motorcycle Kit Installation:

1. Upon receiving your new motorcycle lighting kit, we ask that you first test the kit to ensure it is functioning correctly. Plug the male connections from the strips and control box into the female connections of the harness. Connect the red power wire to the positive terminal of the battery and the black ground wire to the negative terminal of the battery. Once the wires are temporarily secure, power the kit to ensure full functionality before installing it. If everything appears to be working correctly, turn the kit off and disconnect the control box's power and ground wires from the battery. As a safety precaution, disconnect the negative side of the bike's battery prior to moving forward with installation.
2. **Optional:** Remove any trim pieces from your motorcycle that may hinder the installation of the lighting strips.
3. Begin by first laying out the LED lighting strips similar to the way they will be installed. Make sure that the wires will be able to be routed in such a way that they will not be pinched, cut, or exposed to heat. Also, keep the wires and strips away from all moving parts that may come in contact with any piece of the kit. **IF A POWER WIRE IS PINCHED, IT WILL CAUSE THE KIT TO MALFUNCTION AND WILL VOID THE WARRANTY DUE TO PHYSICAL DAMAGE.**
 - **NOTE:** There are two leads coming off of the Bluetooth Control Box that you can connect power harnesses to. These leads differentiate between the first zone and the second zone. Please label all of the lights you wish to have on the first zone to one lead, and all of the lights you wish to have on the second zone to the other lead.



INSTALLATION GUIDE

Tech Support 856-768-5700 Ext. 2 • TechSupport@LEDGlow.com

4. Temporarily place the motorcycle lighting strips to their intended mounting locations and route the power wires to the planned control box mounting area. Be sure to keep the power wires away from the suspension, any direct heat sources and moving parts. A few recommended locations on your motorcycle to mount the light strips are under the gas tank, lower frame rail, rear fender frame rail, triple trees, lower swing arm, and under the seat.
5. Once the motorcycle lighting strips and wires have been mocked up, clean the proposed mounting surfaces with an alcohol prep pad. The mounting surface should be between 45 and 85 degrees Fahrenheit to achieve the strongest bonding results from the doubled sided adhesive tape.
 - **Note:** The surface area must be free of all oils, moisture, dirt, and wax so that the supplied adhesive tape can bond and adhere to the installation surface correctly.
 - **Optional:** To achieve the most reliable bond between the lighting strips and the motorcycle, use Adhesion Tape, which is sold separately and can be purchased at www.ledglow.com.
6. Mount each lighting strip to the cleaned and dry surface of the motorcycle by using the supplied Adhesion Tape. Run the wires to the planned location of the control box and secure the wire to the bike frame by using the included zip ties. **Be sure to use the zip ties, as this is an essential step and should not be skipped.** Once this step is complete and the lighting strips and wires are secure, allow ample time for the adhesive to settle and cure. Repeat this step for the remaining strips included with your kit.
7. The kit uses a modular locking plug system for connecting the motorcycle lighting strips to the control box using the included wire harness. Plug the male connections from the strips and control box into the desired female connections of the harness. **DO NOT SHORTEN OR CUT ANY WIRES; YOU WILL VOID THE WARRANTY.**
8. Connect the red power wire from the control box to the positive terminal of the battery. If the power wire needs to be extended, be sure to use 16 or 18 gauge automotive grade wire. Be sure to reinstall the fuse within 6 inches of the battery. Connect the black ground wire to the negative terminal of the battery.
9. Connect the blue wire to the 12 volt positive brake signal wire from the tail light. Any time the brake lever or brake pedal are engaged, the kit will enter into the brake light feature. When released, the kit will return to its last setting.
10. If you removed any trim pieces for this installation, you can now reinstall them and test the functionality of your kit by pressing the on/off button on the wireless remote.
11. Reconnect the negative side of the bike's battery.

Wiring Control Box to Motorcycle	
Red Wire	+12v
Black Wire	-12v Ground
Blue Wire	Brake Light Control



INSTALLATION GUIDE

Tech Support 856-768-5700 Ext. 2 • TechSupport@LEDGlow.com

iOS Pairing Instructions (iOS 7.0 & Up Required):

LEDGlow Motorcycle Control App:



Step 1

Before you can begin using the Advanced Million Color Control Box with Smartphone Control, you must download and install the LEDGlow Motorcycle Control App from the App Store when the app prompts you to download. The app can be found by searching with the keyword, "LEDGlow Motorcycle Control App."

Step 2

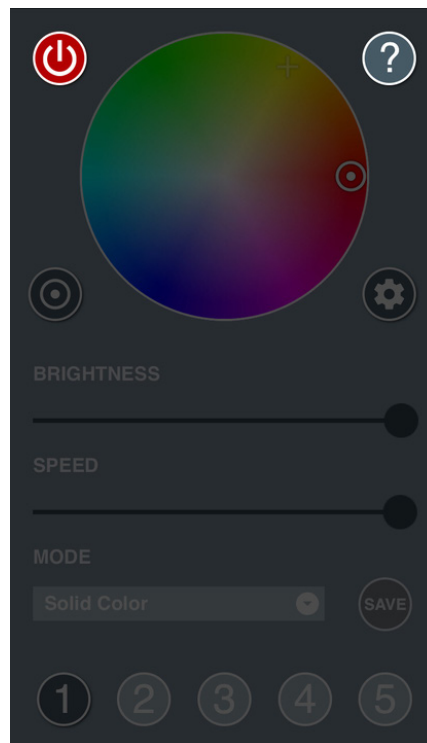
Make sure your Advanced Million Color Control Box with Smartphone Control is powered and the LED status indicator is flashing yellow. This will indicate that your control box is ready to be paired to your Apple device. If the LED status indicator is red, disconnect power and reconnect. When the LED turns yellow, pair your device.

Step 3

On your Apple device, open the LEDGlow Motorcycle Control App and the device will automatically pair to the controller.

Step 4

Press the power button on the app.





Tech Support 856-768-5700 Ext. 2 • TechSupport@LEDGlow.com

Android Pairing Instructions (Android 4.4 & Up Required):

LEDGlow Motorcycle Control App:



Step 1

Before you can begin using the Advanced Million Color Control Box with Smartphone Control, you must download and install the LEDGlow Motorcycle Control App from the Google Play Store. The app can be found by searching the store with the keyword, "LEDGlow Motorcycle Control App." Location services must be turned on.

Step 2

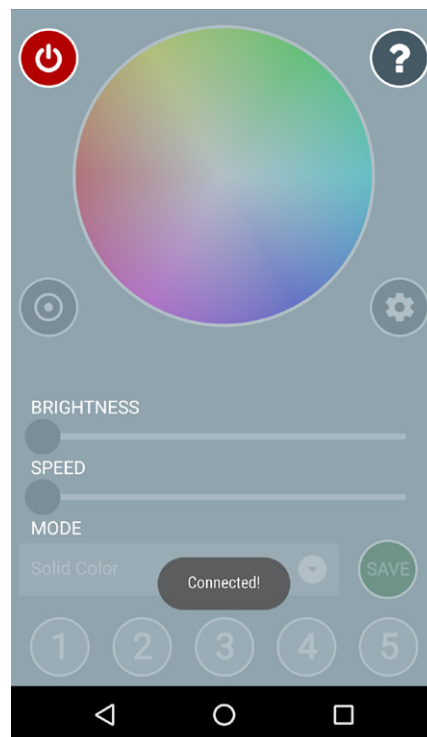
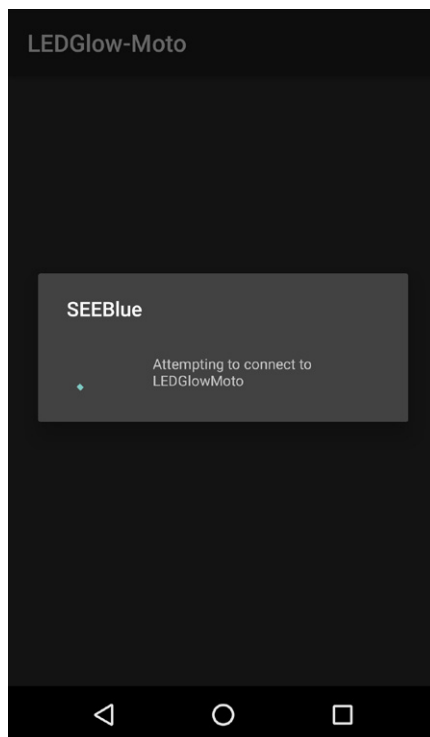
Make sure your Advanced Million Color Control Box with Smartphone Control is powered and the LED status indicator is flashing yellow. This will indicate that your control box is ready to be paired to your Android device. If the LED status indicator is red, disconnect power and reconnect. When the LED turns yellow, pair your device.

Step 3

On your Android device, open the LEDGlow Motorcycle Control App and the device will automatically pair to the controller.

Step 4

Press the power button on the app.



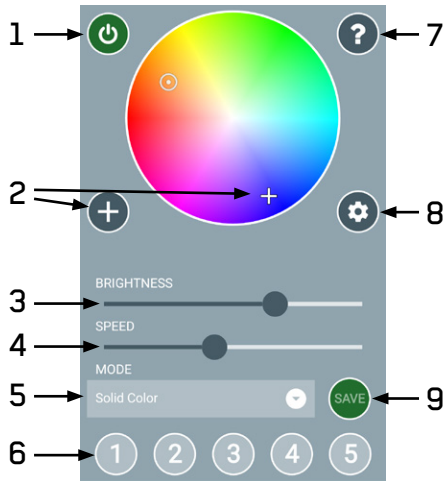


Tech Support 856-768-5700 Ext. 2 • TechSupport@LEDGlow.com

Device Pairing Tips & Troubleshooting

- Connect the blue wire to the 12 volt positive brake light signal wire from the tail light. Any time the brake lever (or brake pedal) is engaged, the kit will enter into the brake light feature as long as it is turned on in the settings section. (See page 7 for further details.) When released, the kit will return to its last setting. If the Hazard feature is on, then the brake feature will not turn on when the brakes are engaged. Please consult the taillight schematic for the vehicle or have it professionally installed.
- Disconnect from the control box when you are not using it to preserve your bike's battery life. This can simply be done by turning off Bluetooth in the Settings of the app. Exiting the LEDGlow Motorcycle Control App will not disconnect your iOS device from the controller as the app was designed for multitasking with other apps, such as answering a phone call, or surfing the web and then switching back to the LEDGlow Motorcycle Control App. The same can be done in the Android version by either turning off Bluetooth in the Settings app, or by shutting down the app by double tapping on your device's "Back" button while inside the app.
- This control box is designed with a power save mode that automatically turns on after 8 hours of inactivity. This allows the control box to draw minimum power, ensuring it does not drain your motorcycle's battery. It may take an additional minute when attempting to reconnect back to the controller while it is currently in power save mode, if you are using iOS. To prevent any battery drain when not in use, you can install the control box to a 12 volt switched source to completely remove power at your choosing.
- If you have Bluetooth switched "On" in your Settings app and the controller is powered, your iOS device will attempt to connect to the controller whenever it is in range. You do not need to pair and manually connect to the controller after the initial setup if you are using the same device. Your Android device will connect once your device pairs to your control box and you open the app.
- In the event that your Android/iOS device cannot connect to the controller, try one of the following:
 - Restart/Power Cycle your Android/iOS device
 - Restart your Bluetooth enabled control box by disconnecting power to it for 20 seconds
- The control box operates independently from the app. If your Android/iOS device is not available for use, the control box provides full lighting functionality with color, mode, and speed buttons. This kit is designed to fully operate in conjunction with the wireless remote and without the LEDGlow Motorcycle Control App. You cannot save any presets from the remote; therefore, once you reopen the app, the current lighting configuration shown on your device's screen will be immediately synchronized back to the controller.
- You can have only one phone paired to your control box at a time. To pair a different device, disconnect the first device within the device's Bluetooth settings and pair the second device as described on pages 3 or 4, depending on the device's operating system.

LEDGlow Mobile App Control Functions



1. Power Button

- Powers Kit On & Off

2. Color Wheel / Color Control

- Slide Your Finger on the Color Wheel for a Custom Color
- Tap a Specific Color to Snap to 7 Preset Solid Colors
 - Blue
 - Green
 - Red
 - White
 - Yellow
 - Teal
 - Purple
- Color Control
 - Press to Toggle Between Primary and Secondary Colors
 - 0 – Changes Zone 1
 - + – Changes Zone 2

3. Brightness Control Slider

- Changes Brightness of Selected Color
- Zone Colors Change Independently

4. Speed Control Slider

- Adjusts the Speed of the Selected Pattern

5. Mode Selection Drop Down Box

- Press to Select from 10 Distinct Patterns in Dual Zone Mode
- Press to Select from 5 Distinct Patterns in Single Zone Mode

6. Preset Mode Buttons

- Active Preset Pattern Number is Highlighted
- Inactive Presets Pattern Numbers are Dim
- Save Up to 5 Custom Lighting Configurations

7. Help Button

- Press to Visit LEDGlow's Online Support Portal for Tutorials, Videos, FAQs & Troubleshooting Guides

8. Settings Button

- Opens the Settings Section of the App (Refer to Page 7 for Further Details.)

9. Save Button

- Saves the Current Active Configuration to the Active Preset Button

MODE CONTROL FUNCTIONS	
DUAL ZONE	SINGLE ZONE
Solid Color	
Fade	
Fade w/ White Strobe	
Strobe	
Million Color Fade w/ Strobe	
Fade Opposite	
Color Fade	
Strobe Opposite	
Color Fade Opposite	
Fade w/ Strobe	

BLUETOOTH CONNECTIVITY AND CONTROL BOX FUNCTIONS	
CONTROL BOX LED COLOR	INDICATION
LED Off	Not Powered
Solid Red	Powered but Not Connected to a Device
Flashing Red	In Power Save Sleep mode
Solid Yellow	In pairing mode, Ready to Pair to a Device
Solid Green	Connected and Ready to Use



Tech Support 856-768-5700 Ext. 2 • TechSupport@LEDGlow.com

Settings

1. Dual Zone Control On/Off

The dual zone control feature allows even further color and lighting pattern customization by independently illuminating 2 sections of the motorcycle simultaneously. Each zone has the ability to power 500 SMD LEDs for maximum brightness. With an unlimited color selection and 10 unique lighting patterns, creative lighting options are truly endless.

2. Brake Light Function On/Off

The automatic brake light feature illuminates all installed LEDs in red mirroring the motorcycle's brake lights, safely signaling other motorists on the road. Pull the brake handle and the brake light feature automatically illuminates red LEDs throughout the bike. This feature can be used whether the control box is powered on or off. Brake light illuminates all LEDs in solid red. Blue wire configuration is required for use of this feature. (See page 2, step #9 for detail on how to wire your control box to use this feature.)

3. Brake Pulse On/Off

The Brake Pulse option toggles the functionality of the Brake Light Function with red LED strobes in flashes of three. Blue wire configuration is required for use of this feature. (See page 2, step #9 for detail on how to wire your control box to use this feature.)

4. Hazard Lights On/Off

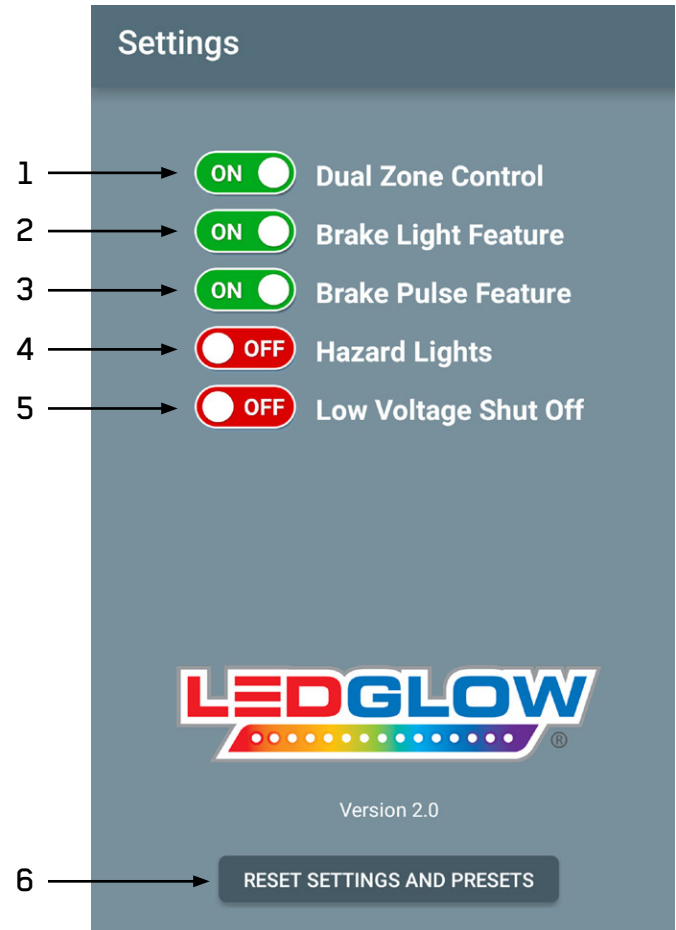
The hazard lights feature automatically overrides any color or pattern and flashes amber LEDs alerting other motorists on the road.

5. Low Voltage Shut Off On/Off

The app features a first-of-its-kind low voltage shut off setting that helps conserve the life of the motorcycle's battery. This feature automatically shuts the light kit off when the motorcycle's battery voltage reads less than 10 volts for more than 60 seconds.

6. Reset Settings & Presets

You can reset your app settings to factory default at any time by pressing this button.





Tech Support 856-768-5700 Ext. 2 • TechSupport@LEDGlow.com

Wireless Remote Functions

This kit provides multiple lighting patterns and several brightness levels, which are easily operated using the included wireless remote. The remote includes four buttons, "A, B, C, D"

Button A: Cycles through 7 solid colors on Zone 1.

- Hold to cycle through the million color option on Zone 1.

Button B: Cycles through 7 solid colors on Zone 2.

- Hold to cycle through the million color option on Zone 2.

Button C: Cycles through the 10 Patterns.

- Hold to change brightness.

Button D: Cycle through 6 speed levels

- Hold to turn On/Off

Button A&D: Press and hold button A and D together simultaneously to activate the Hazard Mode Feature.

- Press any button on the remote to return back to normal function

Reprogramming the Wireless Remote:

Make sure your Advanced Million Color Control Box with Smartphone Control is powered and the LED status indicator is solid yellow. This will indicate that your control box is now ready to be paired to your device. If the LED status indicator is red, disconnect power and reconnect. When the LED turns yellow, press and hold the A button on the remote for 5 seconds to complete the pairing process.

Troubleshooting:

If the kit or lights do not appear to operate, first check the installed inline mini fuse. If the fuse is blown, check the wires on the entire kit to ensure they are not cut, pinched, or scorched. If there is no damage to any of the wires and no water damage is visible to the control box, replace the fuse and test the kit again. If the inline fuse is intact, clean both the positive and negative terminals of the battery. Corrosion to the battery terminals can cause a poor connection or simulate being disconnected.

For accessories, add-on kits, replacement parts, and/or Technical Support, please visit www.LEDGlow.com for more information.

ONE YEAR NON-TRANSFERRABLE LIMITED WARRANTY AND DISCLAIMER

LEDGlow Lighting, LLC ("LEDGlow") warrants to the original retail consumer purchaser, and not any other purchaser or subsequent owner, that this Product will be free from defects in material or workmanship for a period of **one (1) year** from the purchase date. **This warranty does not cover any Product that is (1) installed incorrectly, or (2) damaged by collisions, vandalism, other accidents, or similar causes.**

For a period of one (1) year from the date of purchase, at no charge to the Purchaser, LEDGlow will repair or replace this Product if it is determined by LEDGlow to be defective. After the warranty period, the Purchaser must pay all charges for parts and labor.

Coverage under this warranty is only valid within the United States, including its territories, as well as in certain other countries. Purchasers should check our website, www.LEDGlow.com, to determine the warranty coverage in the countries in which they are located.

LEDGlow does **not warrant the installation** of the Product, which is the sole responsibility of the Purchaser. Installation should be done by licensed professionals. Improper installation may cause damage to the Product and any vehicle in which it is installed, and may cause burns and electrical injury to individuals. LEDGlow's warranty does not cover any expenses incurred in removing Products that are defective or re-installing replacement Products in their place.

During the warranty period, to have the Product repaired or replaced, the Purchaser must return the Product, freight prepaid by the Purchaser, to LEDGlow (but for customers in the contiguous United States, LEDGlow will pay the shipping charges if any Product fails during the first thirty (30) days after purchase). The Product must be returned in its original carton or in a similar package affording an equal degree of protection. LEDGlow will return the repaired or replaced Product, freight prepaid, to the Purchaser. LEDGlow does not provide Purchasers with temporary replacement units during the warranty period or at any other time.

This limited warranty is non-transferrable and will automatically terminate if the original retail consumer purchaser resells the Product or transfers the vehicle on which the Product is installed. An "original retail consumer purchaser" is a person who originally purchases the Product, or a gift recipient of a new Product that is in its original packaging and unopened.



INSTALLATION GUIDE

Tech Support 856-768-5700 Ext. 2 • TechSupport@LEDGlow.com

THIS LIMITED WARRANTY IS SUBJECT TO ALL OF THE FOLLOWING TERMS AND CONDITIONS:

TERMS AND CONDITIONS

1. NOTIFICATION OF CLAIMS; WARRANTY SERVICE: IF PURCHASER BELIEVES THAT A PRODUCT IS DEFECTIVE IN MATERIAL OR WORKMANSHIP, WRITTEN NOTICE WITH AN EXPLANATION OF THE CLAIM SHALL BE GIVEN PROMPTLY BY PURCHASER TO LEDGLOW. ALL WARRANTY CLAIMS MUST BE MADE WITHIN THE WARRANTY PERIOD, AND ANY PRODUCTS RETURNED TO LEDGLOW MUST BE SHIPPED IN ACCORDANCE WITH LEDGLOW'S PROCEDURES (INCLUDING USE OF RMA NUMBERS SUPPLIED BY LEDGLOW AFTER NOTIFICATION). THE REPAIR OR REPLACEMENT OF ANY PRODUCT OR PART THEREOF SHALL NOT EXTEND THE ORIGINAL WARRANTY PERIOD. THE SPECIFIC WARRANTY ON THE REPAIRED PART ONLY SHALL BE IN EFFECT FOR A PERIOD OF NINETY (90) DAYS FOLLOWING THE REPAIR OR REPLACEMENT OF THAT PART, OR THE REMAINING PERIOD OF THE PRODUCT WARRANTY, WHICHEVER IS GREATER.

2. EXCLUSIVE REMEDY; ACCEPTANCE: PURCHASER'S EXCLUSIVE REMEDY AND LEDGLOW'S SOLE OBLIGATION IS TO SUPPLY (OR PAY FOR) ALL LABOR NECESSARY TO REPAIR ANY PRODUCT FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD AND TO SUPPLY NEW OR REBUILT REPLACEMENTS FOR DEFECTIVE PARTS. LEDGLOW WILL REFUND THE PURCHASE PRICE FOR SUCH PRODUCT ONLY IF REPAIR OR REPLACEMENT FAILS TO REMEDY THE DEFECT. PURCHASER'S FAILURE TO MAKE A CLAIM AS PROVIDED IN PARAGRAPH 1 ABOVE OR CONTINUED USE OF THE PRODUCT SHALL CONSTITUTE AN UNQUALIFIED ACCEPTANCE OF SUCH PRODUCT AND A WAIVER BY PURCHASER OF ALL CLAIMS THERETO.

3. EXCEPTIONS TO LIMITED WARRANTY: LEDGLOW SHALL HAVE NO OBLIGATION TO PURCHASER WITH RESPECT TO ANY PRODUCT THAT IS SUBJECTED TO ANY OF THE FOLLOWING: ABUSE, IMPROPER USE, NEGLIGENCE, ACCIDENT, MODIFICATION, FAILURE TO FOLLOW THE OPERATING PROCEDURES OUTLINED IN THE USER'S MANUAL, FAILURE TO FOLLOW THE MAINTENANCE PROCEDURES IN THE SERVICE MANUAL FOR THE PRODUCT, ATTEMPTED REPAIR BY NON-QUALIFIED PERSONNEL, OPERATION OF THE PRODUCT OUTSIDE OF THE PUBLISHED ENVIRONMENTAL AND ELECTRICAL PARAMETERS, OR IF THE PRODUCT'S ORIGINAL IDENTIFICATION (TRADEMARK, SERIAL NUMBER) MARKINGS HAVE BEEN DEFACED, ALTERED, OR REMOVED. LEDGLOW EXCLUDES FROM WARRANTY COVERAGE PRODUCTS SOLD AS IS AND/OR WITH ALL FAULTS. LEDGLOW ALSO EXCLUDES FROM WARRANTY COVERAGE ANY CONSUMABLE ITEMS SUCH AS FUSES AND BATTERIES.

All software and accompanying documentation furnished with, or as part of the Product is furnished "AS IS" (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product.

PROOF OF PURCHASE; REGISTRATION: The Purchaser's dated bill of sale must be retained as evidence of the date of purchase and to establish warranty eligibility. Registration of any Product or of this limited warranty is voluntary, and failure to register will not diminish any rights available under this warranty.

DISCLAIMER OF WARRANTY

EXCEPT FOR THE FOREGOING WARRANTIES, LEDGLOW HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY WITH REGARD TO ANY CLAIM OF INFRINGEMENT THAT MAY BE PROVIDED IN SECTION 2-312(3) OF THE UNIFORM COMMERCIAL CODE OR IN ANY OTHER STATE STATUTE.

LIMITATION OF LIABILITY

THE LIABILITY OF LEDGLOW, IF ANY, AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY KIND WHATSOEVER, REGARDLESS OF THE LEGAL THEORY AND WHETHER ARISING IN TORT OR CONTRACT, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT FOR WHICH SUCH CLAIM IS MADE. IN NO EVENT SHALL LEDGLOW BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION, REIMBURSEMENT OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR FOR ANY OTHER REASON WHATSOEVER.

GOVERNING LAW: This non-transferrable limited warranty shall be governed by the law of the State of New Jersey, U.S.A., and the United States of America, excluding their conflicts of laws principles. The courts of Camden County, New Jersey, shall have the exclusive jurisdiction over any legal action with respect to this warranty.

This limited warranty gives specific legal rights. You may also have other rights that may vary from state to state or from country to country. Some states or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. You are advised to consult applicable state or country laws for a full determination of rights.

iPhone®, iPod®, iPad® and iTunes® are registered trademarks of Apple Inc., registered in the U.S. and other countries. Android™ is a registered trademark of Google, Inc, registered in the U.S. and other countries. IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. Bluetooth® is a registered trademark of Bluetooth SIG, Inc. App Store is a service mark of Apple Inc.



Free Lifetime
Technical Support



Same Day Shipping on Orders
Placed By 3PM Eastern



1 Year
Limited Warranty



LEDGLOW LIGHTING, LLC • 1.877.LED.GLOW • LEDGLOW.COM
444 COMMERCE LANE SUITE B, WEST BERLIN, NJ 08091