

Thank you for purchasing your new SPELLBRITE™ LED SIGNAGE SYSTEM. Make sure to read all instructions and warnings prior to installing your new sign. Please save your purchase receipt as it is required for warranty service.

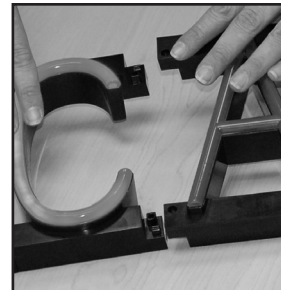
### CAUTION

- Risk of electrical shock, fire or injury to persons.
- This product is intended for INDOOR USE ONLY and DRY LOCATIONS ONLY. Do not use in damp or wet locations. Do not install your product in an area that will exceed 120°F (48.9°C).
- Disconnect power before handling or cleaning.
- Do not use solvents or chemicals to clean your sign. Do not allow any liquid on or inside sign. To clean, wipe gently with soft, dry cloth.
- Use only Optiva-approved power sources with Optiva products.
- Only plug into a properly grounded outlet that meets all local and national electric codes.
- Do not use an AC extension cord or adapter.
- Operate at voltage equal to that on the product label.
- Do not use this sign with an external dimmer.
- Do not attempt to disassemble or service sign.
- Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Your Optiva sign has a variable speed flashing option. Please check your local city and state ordinances for any regulations limiting or prohibiting the use of your sign's flashing option.

### SIGN ASSEMBLY



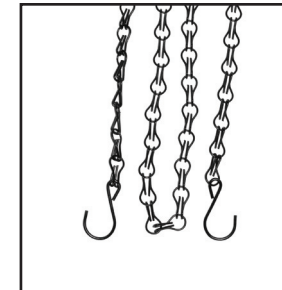
Collect the letters that spell out the sign you want. Use end caps on left and right edges of each.



Push the letters down until an audible snap. Rails should be flush. Tighten screws with screwdriver provided. Do not overtighten screws.



Connect 12V Optiva power supply to your sign's POWER IN jack. Turn sign on using ON/OFF switch.



Hang sign using hanging chains and threaded hooks provided. Optional wall-mounting hardware is available.

### INSTALLATION

1. Select an indoor location to hang your SPELLBRITE sign.
2. After assembling your sign, remove the hanging chains and "S" hooks from the parts bag and attach to holes on the top of each end cap.
3. Select a surface that will fully support the sign and mount hooks securely to surface using appropriate hanging hardware.
4. If hanging in window, allow minimum 2" space between the front of the sign and the window.
5. Use only included power adapter and insert barrel plug into 12V DC power input on left end cap of sign.
6. Press ON/OFF switch to ON (I) position. Sign will illuminate.
7. To clean sign, unplug power and gently wipe surfaces with a soft, dry cloth.

### CONTROL PANEL

1. Once assembled, slide ON/OFF switch on the left end cap to ON position. Your SPELLBRITE sign will illuminate.
2. To change the brightness of your sign, press the BRIGHTNESS button (button #1). There are six BRIGHTNESS choices.
3. To change the animation, press the ANIMATION button (button #2). There are eight shows including a static show.
4. Depressing both ANIMATION and BRIGHTNESS buttons at the same time will set the control board back to the default setting. Default setting is Show #3 (Medium Pulse) and 100% brightness.

### LEFT END CAP & CONTROLS

**BUTTON 1: BRIGHTNESS**

There are 6 different brightness settings. Your sign is currently set at 100% brightness. Upon depressing the brightness control button, the sign will become successively dimmer through the lowest setting, then until returning to the default setting of 100%. the control board will move forward in the sequence to the next setting. When the control board is on setting #6, depressing the button will send the control board back to setting #1. Default is setting #1 (100% brightness).

**JACK, POWER IN**

Plug the SpellBrite 12V power supply into this jack.

**ON/OFF SWITCH**

This switch turns the letters plugged into this end cap ON and OFF. This switch does not control the "POWER OUT" jack, so any letters plugged into a second row end cap will not be affected by the top sign's switch position. Each row must be turned ON and OFF independently.

**BUTTON 2: ANIMATION**

There are 8 different animations. Upon depressing the animation control button, the control board will move forward in the sequence to the next show. When the control board is on show #8, depressing the button will send the control board back to show #1. Default is setting #3, the "Medium Pulse" show.

Show #1: Static	Show #8: Mini Pulse
Show #2: Fast Pulse	Show #7: Slow Flash
Show #3: Medium Pulse	Show #6: Medium Flash
Show #4: Slow Pulse	Show #5: Fast Flash

**JACK, POWER OUT**

Use DC power jumper cable part # SB-XCC-003A to connect multiple rows of letters using the same power supply. For example, see the image below:

## WARRANTY REGISTRATION SPELLBRITE™ LED SIGNAGE SYSTEM

Register for your warranty online at [www.optivasigns.com/warranty](http://www.optivasigns.com/warranty)

### OPTIVA™ SIGNS LIMITED PRODUCT WARRANTY

All Optiva™ products manufactured by iLight Technologies, Inc. ("Manufacturer") are warranted to be free from defects in material and workmanship under intended use and service (normal wear and tear excepted), and subject to the terms and conditions set forth below for one (1) year from the invoice date of the purchase.

#### Terms and Conditions

The Limited Product Warranty applies only when the Product is used in accordance with printed instructions. The Limited Product Warranty does not apply to any abnormal use or failure to comply with federal, state or local laws. Replacement of Manufacturer's components with components of other manufacturers will void the Limited Product Warranty. The Limited Product Warranty does not cover misuse or abuse, acts of God or accidents, environmental conditions, defects resulting from improper installation, lack of proper maintenance, unauthorized repair, alteration or disassembly by unauthorized personnel, or operation by improper voltage or current (including power surges).

#### Repair or Replacement of Defective Product

**Claim must be made directly to iLight Technologies, Inc., at 312-568-5760, prior to return of Product.** Returns must be made within 30 days of submitting a claim and must include the Product and original receipt, along with the Manufacturer's provided return material authorization number (RMA). Manufacturer must be given a reasonable opportunity to inspect and verify the claim, and shall correct such defect by repair or replacement, F.O.B. factory, of the defective part or parts.

Manufacturer's obligation under this Limited Product Warranty shall be limited to replacing or repairing, at its sole option, the Product or the defective part thereof which shall, within the applicable Warranty Period set forth above, be determined to be defective, and has not been damaged due to improper use, within Manufacturer's sole discretion. The Limited Product Warranty flows only to Purchaser and does not include shipping costs or expenses. If Manufacturer chooses to replace the Product and is not able to do so because it has been discontinued or is not available, Manufacturer may replace it with a comparable product.

These express limited warranties state the entire liability of Manufacturer with respect to the Products covered by them.

#### Limits of Liability

Manufacturer's liability arising from, or in any way connected with, the Products sold, the delivery or any delay with respect thereto, or otherwise arising from, or relating to the Limited Product Warranty, shall be limited solely and exclusively, and at Manufacturer's sole election, to either repair or replacement of Products sold.

In no event shall Manufacturer be liable for any incidental, consequential, or special damages of any kind or nature whatsoever, including, but not limited to, lost profits or revenues arising from or in any way connected with the Limited Product Warranty, or items sold hereunder, whether alleged to arise from breach of contract, express or implied warranty, or in tort, including, without limitation, negligence, failure to warn or strict liability.

NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATION OR WARRANTY ON BEHALF OF MANUFACTURER EXCEPT AS EXPRESSLY SET FORTH ABOVE, AND ANY SUCH STATEMENT SHALL NOT BE BINDING ON MANUFACTURER, EXCEPT AS EXPRESSLY SET FORTH ABOVE. MANUFACTURER MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

All questions concerning the meaning or applicability of this limited warranty are to be decided under the laws of the State of Illinois without reference to its choice-of-law rules. Any claims, demands or causes of action for defects or representations of any nature or damages arising from such defects or representations shall be subject to the exclusive jurisdiction of the state and/or federal courts located in Chicago, Illinois.

iLight Technologies, Inc. • OPTIVA Signs • 118 S. Clinton St., Suite 370 • Chicago, IL • 60661 • T 312.568.5760 • www.optivasigns.com

### INSTRUCTIONS

Please register online at [www.optivasigns.com/warranty](http://www.optivasigns.com/warranty) or fill out the information requested, cut at line and mail in envelope to:

**iLight Technologies, Inc.**  
**OPTIVA Signs**  
118 S. Clinton St.,  
Suite 370  
Chicago, IL 60661 USA



### WARRANTY REGISTRATION

Register online at [www.optivasigns.com/warranty](http://www.optivasigns.com/warranty)

NAME \_\_\_\_\_  
 COMPANY \_\_\_\_\_  
 STREET ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_ ST./PROVINCE \_\_\_\_\_ ZIP \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_  
 BATCH NO. (Found on back of sign) \_\_\_\_\_  
 DATE OF PURCHASE \_\_\_\_ / \_\_\_\_ / \_\_\_\_ FROM \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 E-MAIL \_\_\_\_\_

1. Is this replacing a neon sign?  Yes  No

2. What is your business type?  Food/Drink  Convenience Store  Clothing  Tax / Insurance  Beauty  Dry Cleaners  Automotive  Residential  Other \_\_\_\_\_

3. Rank each of these on order of importance:

Overall Look	Hi	Med	Lo
Price	○	○	○
Brightness	○	○	○
Energy Savings	○	○	○
Fits Anywhere	○	○	○
Reuseable	○	○	○
See-Through	○	○	○

4. Where did you learn about SPELLBRITE signs?  
 Store Display  Salesperson  Internet  
 Friend  Store Ad  
 Other \_\_\_\_\_

5. What other enhancements or new products would you like to see?  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_