



## User Instructions

©Elation Professional®  
4295 Charter Street  
Los Angeles, Ca. 90058  
[www.elationlighting.com](http://www.elationlighting.com)

Rev 5/05

### LC Wireless™

### Introduction

**Unpacking:** Thank you for purchasing the LC Wireless™ by Elation Professional®. Every LC Wireless™ has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for any damage and be sure all accessories necessary to operate the unit have arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Please do not return this unit to your dealer without first contacting customer support.

**Introduction:** The LC Wireless™ is a unique wireless bridge for the Elation® Light Copilot I, II, and III™ and SC 816 control systems. This wireless controller allows you to connect up to four LC-8SP or eight LC-4SP relay packs to a Light Copilot I, II, and III™ or a single SC 8C relay pack to a SC SP8 controller without any messy or complicated wires. The system will function from 1.5 to 100 feet.

**Customer Support:** Elation Professional® provides a customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at [www.elationlighting.com](http://www.elationlighting.com) for any comments or suggestions. Service Hours are Monday through Friday 9:00 a.m. to 5:00 p.m. Pacific Standard Time.

Voice: (323) 582-3322  
Fax: (323) 582-3108  
E-mail: [support@elationlighting.com](mailto:support@elationlighting.com)

**Warning!** To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

**Caution!** There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact Elation Professional at the toll free number.

*At Elation Professional® we are concerned about the environment, and package all our units in recyclable material. Please do not dispose of the shipping carton in the trash, recycle whenever possible.*

**LC Wireless™****Safety Precautions**

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit.
- Be sure that the local power outlet match that of the required voltage for your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when it's cover is removed.
- Never plug this unit in to a dimmer pack
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- This unit is intended for indoor use only, use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the unit's main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 7 for cleaning details.
- Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the appliance.
  - C. The appliance has been exposed to rain or water.
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

**LC Wireless™****Features**

- Wireless Control
- Easy Set-Up
- 1.5 ~ 100 Ft Operating Range
- Works with Existing Hardware
- Small and Light Weight
- Collapsible Whip Antenna
- Self Powered - Unit Receives Power from the Light Copilot I, II and III or the SC 816 Systems
- LED Power Indicator
- Expandable

**LC Wireless™****Product Registration**

The LC Wireless™ carries a two year limited warranty. Please fill out the enclosed warranty card to validate your purchase. All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper included in the shipping carton. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain a R.A. number by contacting our customer support team on our customer support number. All packages returned to the service department not displaying a R.A. number on the outside of the package will be returned to the shipper.

**LC Wireless™****General Instructions**

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

**Power Supply:**

Both the units in the system (transmitter and receiver) receive their operating power from their respective packs of either the SC 816 or the Light Copilot™ (relay pack and controller unit). Both the transmitter and receiver require a power supply of DC 12 volts. Because the transmitter receives its power supply from the Light Copilot™ controller unit or SC 816 controller unit, the controller must be powered by the included power supply.

**Assembly:**

Please note that the LC Wireless™ is designed to function exclusively with the Light Copilot I, II, and III™ and SC 816 system. Using this system requires either the Light Copilot I, II, and III™ control unit or the SC 816 control unit to be plugged into a standard wall outlet using the included power supply. Disconnect main power from the relay pack and controller unit before connecting the transmitter and receiver. The system includes both a transmitter and receiver and each unit is clearly marked. Be sure to plug in the transmitter to the control unit and the receiver into the relay pack. Then operate the either of the systems normally.

**Linking:**

The LC wireless system is available in four frequencies. This allows you to use four Light Copilot I, II, and III™ systems or four SC 816 systems in the same room. If you would like to link one controller unit with up to four relay packs, you may do so as long as you purchase multiple LC Wireless systems with the same frequency. Likewise, if you want to control different systems, be sure to purchase LC Wireless systems on different frequencies.

**Power Indicator:**

A red LED power indicator is located on the front panel of both units, this LED should immediately begin to glow when the unit receives power. If the power indicator does not glow when plugged in, be sure the main power outlets have power and the transmitter and receiver are securely plugged into their respective pack.

**TWO YEAR LIMITED WARRANTY**

A. Elation Professional® hereby warrants, to the original purchaser, Elation Professional® products to be free of manufacturing defects in material and workmanship for a period of 2 Years (730 days) from the date of purchase. This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service, send the product only to the Elation Professional® factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Elation Professional® will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, Elation Professional® shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which Elation Professional® concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Elation Professional® factory unless prior written authorization was issued to purchaser by Elation Professional®; if the product is damaged because not properly maintained as set forth in the User Manual.

D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check-up. During the period specified above, Elation Professional® will replace defective parts at its expense, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Elation Professional® under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Elation Professional®. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

E. Elation Professional® reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by Elation Professional® in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall Elation Professional® be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

G. This warranty is the only written warranty applicable to Elation Professional® Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

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<b>Model:</b>	<b>LC Wireless™</b>
<b>Voltage*:</b>	DC 12v
<b>Dimensions:</b>	3.5"(H) x 1.5"(W) x 1.25"(D) 8.5mm x 4mm x 3mm
<b>Weight:</b>	1/2 Lb. / 1 Kg
<b>Remote Range:</b>	1.5 ~ 100 Feet / 0.5m ~ 30m
<b>Modulation:</b>	FSK
<b>Effective Distance:</b>	Direct Line of Sight
<b>Warranty:</b>	2 Year (730 days)

\*Supplied by the controller.

**Please Note:** Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

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