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**LOGIC<sup>®</sup>  
CONTROLS**  
A BemaTECH Company

QUICK  
START  
GUIDE

**LR3000**

Logic Controls Thermal Printer



This Quick Start Guide is a short description of the LR3000 Thermal Printer and includes basic information regarding installation and operation. For detailed information on this product, please check the User's Manual available at our website "Support" section.

[www.logiccontrols.com](http://www.logiccontrols.com)

LR3000 Quick Start Guide

January 2009

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#### EMC, Safety and Other Standards Applied

##### WEEE

This product complies with the WEEE 2002/96/EC Directive from the European Community.

##### RoHS

This product complies with the RoHS 2002/95/EC Directive from the European Community.

North America:  
EMI: FCC Class A  
Safety: UL 60950

Europe:  
CE Marking  
Safety: EN 60950

## Installing your Printer

### Unpacking

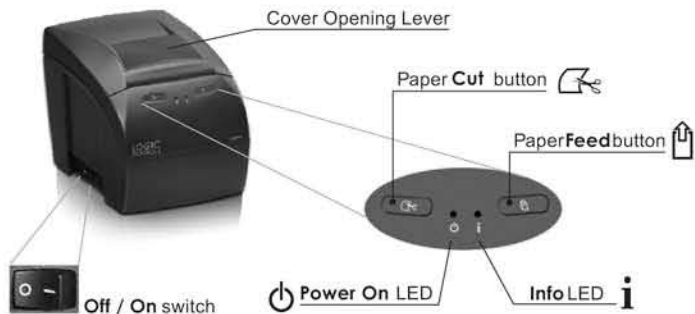
After removing the printer out of the box, verify that the following items are included:

- Printer
- Quick Start Guide
- Communication cable
- Power supply and power cord
- Thermal paper roll
- Spacer
- CD



- These items may be different depending on the product configuration.

## Printer Description



## LED Indication

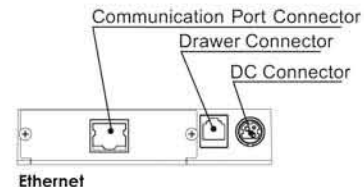
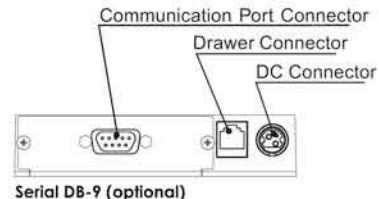
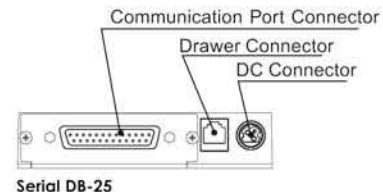
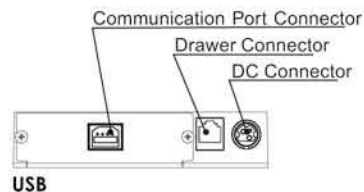
During printer operation, 2 LEDs are used to indicate the printer status. In case an error occurs, it will be indicated through the Info LED. The color and number of blinks of the Info LED will indicate the type of error. The blinks and the pauses are cyclical.

		Info LED	
Info	LED Status	LED Status	Meaning
GREEN Ready	● On	● On	Ready to print
	☀ Blinking	☀ Blinking	Ready to print, but near Paper End
YELLOW Recoverable error	● On	● On	Cover Open
	☀ Blinking	☀ Blinking	No paper
	☀ 2 blinks	☀ 2 blinks	Thermal printhead overheating, will print slowly, wait to cool down
	☀ 3 blinks	☀ 3 blinks	Cutter error, to recover open the cover (ERS)
	☀ 4 blinks	☀ 4 blinks	Communication error / command ignored
RED Unrecoverable error			Please refer to the User's Manual for troubleshooting

		Power LED	
LED Status	LED Status	LED Status	Meaning
○ Off	○ Off	○ Off	Printer switched off
● On	● On	● On	Printer switched on (Power Supply OK)

## 1. Installing

1a) Connect the DC cable of the power supply to the DC connector of the printer as shown below – note that the arrow in the DC connector must be facing up.



1b) Connect the communication cable to the printer and to the host system (i.e. a PC or other terminal). To Ethernet interface installation, please consult the User's Manual available at [www.logiccontrols.com](http://www.logiccontrols.com)

1c) Make sure that the printer is turned off. Connect the power cord to the power supply's AC connector and to an electrical outlet. Also make sure that the electrical outlet is appropriately grounded.

1d) Turn on the printer using the on / off switch located on the left side of the printer. Check if the Power On LED is lit. The printer will initialize and indicate the printer status ( ).

## 2. Loading Paper

2a) To load the paper roll, lift the cover lever and open the cover as shown below. Close the cover holding a slip of paper towards the outside of the printer. Check if the Info LED is lit. If the Info LED is green, your printer is ready to use.



Power supply's  
AC connector.



Observe paper side  
as shown above.



1 - Lift cover lever



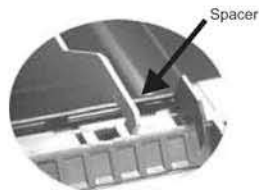
2 - Drop paper



3 - Close cover.

## 3. Paper width adjustment

3a) To change the paper width simply pull the spacer and insert it in the new paper width position, as shown below. The printer must also be programmed to print only in the new paper width. Please refer to the User's Manual for further details. The spacer can be used to adjust the roll with widths from 2 up to 3 and a quarter of an inch.



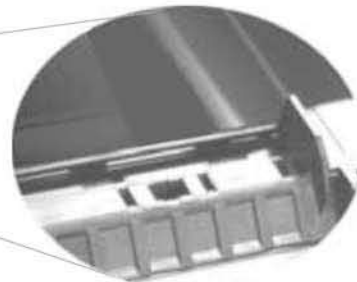
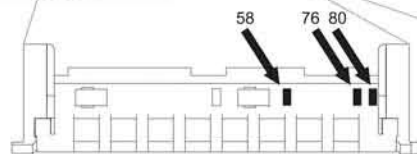
Adjusted for 58mm



Adjusted for 76mm



Adjusted for 80mm



82.5mm: No Spacer

#### 4. Self-testing and Help summary

4a) To run a self-test, turn off the printer, press and hold the Paper Feed button and switch the printer on. When the printer starts printing, release the Feed button. A message will be printed asking you to wait for the self-test, choose the Configuration Mode or enter in Data Dump Mode. After the self-test the printer returns to the "Ready" status (green Info LED).  
For a Help summary, turn off the printer and turn the printer on while keeping the Cut button pressed.

#### 5. Usage Environment

5a) The LR3000 should operate placed on a plain and stable surface. Keep the printer unobstructed - especially the paper exit.  
Do not hold or pull the receipts which are being printed.

#### **CAUTION !**

This product is designed for indoor applications. Avoid using it in environments with high humidity, subject to dust or intense heat.

#### 6. Drawer Activation

#### **CAUTION !**

This printer can support different drawer models with a jumper configuration. Please refer to the User's Manual before connecting your cash drawer to the printer. Some drawer models may damage the printer when connected with a wrong jumper configuration.

#### 7. Installation:

This package installs the Window API, User Software, Printer and the Spooler driver.

DO NOT connect your printer prior to installing the drivers.

1. Run the file (LciSetup\_Spooler\_LR3V2.1.0.40.exe).
2. Activate the setup wizard and click NEXT to continue the installation.
3. The wizard will automatically install and drivers and system libraries.
4. Select the printer interface and the configuration depending on the chosen interface.
5. Connect your LR3000 to the installed port on your PC, make sure that it is turned on and with paper loaded.
6. Select whether you wish to print a test page or not.
7. Setup completed. Click Finish to exit the installation.

The default spooler driver configurations are:

1. regular (non-scalable)
2. 76mm (3") / 30cm(11.8") print width/page length

To change the printer properties you may right click on the LR3000 icon under "START\Printers and Faxes" and launch the properties menu.

#### 8. External Cleaning:

Clean the external cabinet with a soft cloth, moistened in water or neutral detergent. Never use a tow chemically treated or chemical substances like alcohol or similar solvent. The use of these products can make the cabinet of the printer changes its color or be deformed.

#### 9. Drivers

Drivers can be downloaded from the website.

#### 10. Warranty:

3 years