

**CO  
STAR**

# **LABELWRITER**

## **U s e r M a n u a l**

*For the LabelWriter XL, XL Plus, BC and BC Plus printers.*



# READ ME FIRST

For CoStar #60755 and #60855

**T**hank you for purchasing the LabelWriter printer. Your LabelWriter printer comes with 2 manuals and 2 disks. Please follow these steps to set up and use your LabelWriter XL or XL Plus printer.

- 1.** Follow the directions in the thin LabelWriter User Manual. It explains:
  - How to set up your LabelWriter printer.
  - How to load and change labels.
  - How to install Windows print drivers (see #2 below).
- 2.** Next, to install the AddressMate software, open the AddressMate manual and follow the directions covering the installation and use of the software. AddressMate will prompt you to install your Windows print drivers near the end of its installation. You can refer to Appendix E in your LabelWriter User Manual or Appendix E in the AddressMate manual for step by step instructions on installing Windows print drivers.

# **LABELWRITER**

**User Manual for use with LabelWriter XL,  
XL Plus, BC and BC Plus printers.**

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***Includes:***

***Setting Up Your Printer***

***Loading Labels***

***Maintenance & Troubleshooting***

***Ordering More Labels***

***Printer Specifications***

***Development Tools***

***Installing Windows Print Drivers***

***Using LabelWriter With 3rd Party Software***

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## FCC compliance statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC (Federal Communications Committee) rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correcting the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Use shielded cables to connect this device to computers.
- Consult the dealer or an experienced radio/TV technician for help.

You may find helpful the following booklet, prepared by the FCC: *Interference Handbook*. This booklet is available from the U.S. Government Printing Office, Superintendent of Documents, Washington, DC 20402-9325; (202) 783-3238.

**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.

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## Trademarks

LabelWriter is a trademark of CoStar Corporation. All other trademarks are trademarks of their respective holders.

# TABLE OF CONTENTS

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<b>Chapter 1 – LabelWriter Printer Setup</b> .....	1
Unpacking the printer .....	1
Do you have what you need .....	1
Where to put your printer .....	2
Identifying printer components .....	3
Locating printer controls .....	4
Connecting the power .....	5
Connecting the serial cable .....	5
Installing the label guide .....	6
Loading labels.....	8
Removing an empty label roll .....	10
<b>Chapter 2 – Maintenance and Troubleshooting</b> .....	11
Printer maintenance.....	11
Exterior maintenance .....	12
Interior maintenance .....	12
Clearing label jams .....	13
Troubleshooting .....	13
IRQ settings .....	13
Printer isn't getting power .....	14
Printer is on but doesn't print.....	15
Self-test works but printer still doesn't print from application.....	15
How to correct poor print quality.....	16
<b>Chapter 3 – Ordering More Labels</b> .....	17
<b>Appendix A – Printer and Serial Interface Specifications</b> .....	19
<b>Appendix B – Warranty and Service</b> .....	21
<b>Appendix C – Development Tools</b> .....	23
<b>Appendix D – Battery Pack</b> .....	25
<b>Appendix E – Installing Windows Print Drivers</b> .....	27
<b>Appendix F – Using LabelWriter with 3rd Party Software</b> .....	35

This chapter explains how to set up your new LabelWriter printer for optimum performance.

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## Unpacking the printer

The first step in setting up your printer is, naturally, unpacking the pieces. Be sure to save all the original packing materials. They are specially designed to protect the printer and will make repacking easy if you ever need to ship the printer. Now, let's take inventory.

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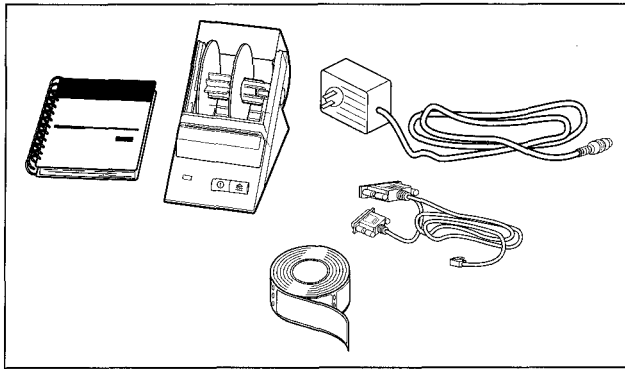
## Do you have what you need?

Having unpacked your LabelWriter printer, it's a good idea to check now to see that you have all the pieces. You should find the following items (shown in Figure 1-1):

- LabelWriter XL, XL Plus, BC or BC Plus printer
- Serial cable
- Power transformer
- Roll of labels
- User manual

Check carefully to see if anything is missing or damaged. If so, contact CoStar immediately.

Everything checked out? Let's set up the LabelWriter printer.



**Figure 1-1.** The LabelWriter printer comes with these items: printer, power transformer, serial cable, roll of labels, user manual.

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## Where to put your printer

Before setting up your LabelWriter, take a few moments to consider where you plan to put it. Of course, we can't cover all possible setups, but there are a few general guidelines you might consider.

- Be sure there's enough room around the printer to allow labels to flow out freely.
- Avoid placing the printer in areas where sudden, severe changes in temperature and humidity occur.
- Avoid areas with direct sunlight, dust and grease.
- Pick a clean area.
- Select a steady source of electricity and check for other appliances which may be using the same circuit. Copiers, heaters, air conditioners and other motorized equipment can cause power fluctuations which may interfere with your printing.
- Use a surge protector.

## Identifying printer components

Figure 1-2 highlights the main components of the LabelWriter printer. Before setting up the printer, let's see what these components do:

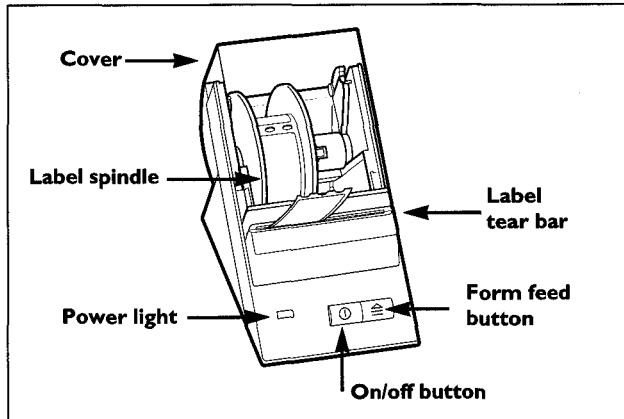


Figure 1-2. LabelWriter components.

- **Cover** – The cover protects the internal components of the printer from dust, moisture and the outside world in general. The cover is easily opened when changing label rolls.
- **Power light** – The power light glows green when the printer is turned on. It flashes when there is something wrong with the printer, such as when the printer runs out of labels.
- **On/off button** – The on/off button turns the printer on and off.
- **Form feed button** – The form feed button advances the roll of labels one label each time you press the button.
- **Label spindle** – The label spindle, located inside the printer, holds the roll of labels.
- **Label tear bar** – The serrated tear bar on the label exit slot allows quick, clean label removal.



- **Interface connector** – The interface connector, which looks like a telephone jack, is a serial connector. One end of the special serial cable that comes with the printer is plugged into this connector and the other end is attached to your computer.
- **Power transformer** – The power transformer provides electrical power to the printer. Connect the transformer to a standard grounded outlet.

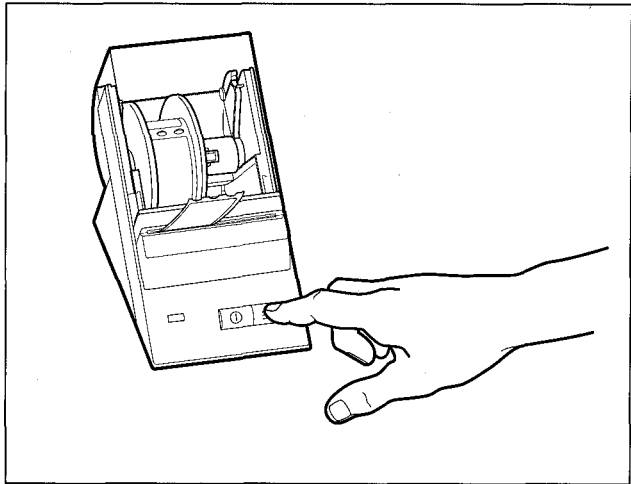
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## Locating printer controls

The printer controls allow you to turn the printer on and off, and advance the label roll. Refer to Figure 1-3 to locate the following printer controls on your LabelWriter printer.

### The On/Off Button

The On/Off power button is the left button on the front panel of the printer. Once you have the power cord plugged in, push the on/off button to turn the printer on; press it again to turn the printer off.



**Figure 1-3.** LabelWriter on/off and form feed buttons.

## Power Light

When the printer is on, the power light located on the front panel of the printer will glow green. The light goes off when you turn the printer off.

## Form Feed button

The form feed button is the right button on the front panel of the printer. Push this button once to advance the label roll one label, so the next set of three guide holes on the label roll aligns with the label tear bar. The label roll advances one label each time you press the form feed button.



## Connecting the power

The power cord is connected to the rear of the printer as shown in Figure I-4. Plug the power transformer into a standard grounded outlet.

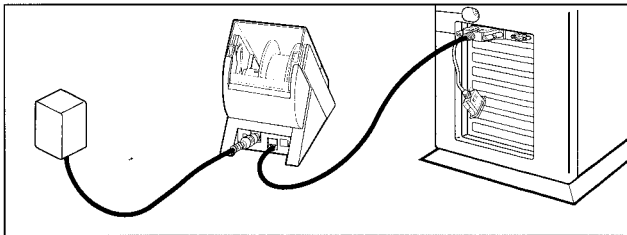


## Connecting the serial cable

Your printer and computer communicate through the special serial cable that comes with your LabelWriter. The cable has a telephone-like connector at one end that plugs into the back of the LabelWriter, and two serial connectors at the other end - a DB9 and DB25 connector. Your PC will use one or the other of these two connectors, not both.

Follow the steps below while referring to Figure I-4 to make the proper connections:

1. Turn your computer and printer off.



**Figure I-4.** Making the right connections. Always connect the power cord to a grounded outlet.

2. Connect the printer end of the serial cable to the rear of the printer. It fits only one way just like plugging in a telephone.

3. If you have a 9-pin serial port on your computer, attach the 9-pin connector; if you have a 25-pin serial port, attach the 25-pin connector. Secure the connector with the two screws. The connector you do not use can simply hang loose. It doesn't need to be connected and will not cause any damage to your computer or printer. See Figure 1-4.

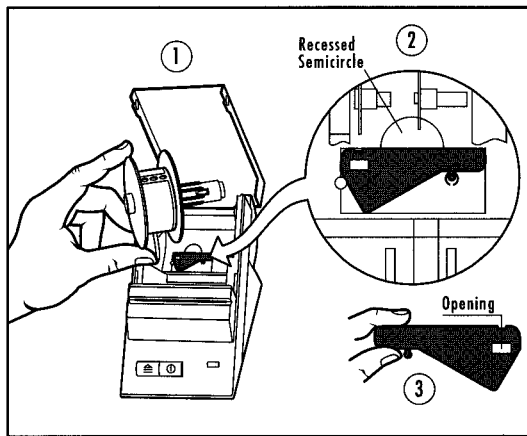
4. Turn the computer on.

**Note:** You can also connect your LabelWriter to a parallel (LPT) port by using a parallel to serial port adapter cable. This cable is available direct from CoStar. Ask for part #60606.

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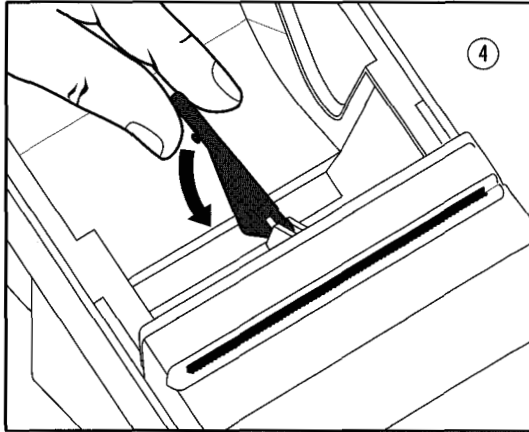
## Installing the label guide

The label guide should be installed if you are using a LabelWriter with standard address labels or other narrow labels. The label guide insures that narrow labels feed properly.



**Note:** The LabelWriter XL and BC have 1" wide print heads and can only print on narrow labels up to 1" wide (address labels for example) so the label guide should always be installed if you are using one of these two models. The LabelWriter XL Plus and BC Plus have 2.25" wide print heads so they can handle narrow and wide labels. For the wider labels, the label guide should be removed.

1. Turn the printer off.
2. Remove the spindle from the printer. (Diagram #1)
3. Find the Label Guide (Diagram #2) nested in the well of the printer.
4. Remove the Label Guide by placing your finger in the recessed semicircle and gently lifting the Label Guide from its compartment.
5. Hold the Label Guide as shown (Diagram #3).
6. Find the two small black vertical strips (Diagram #4) located near the top center of the black well (closest to the label tear bar).

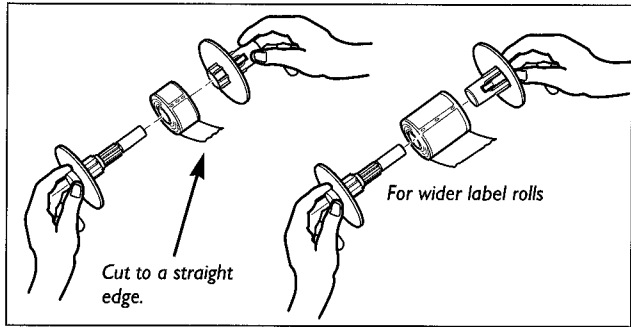


7. Position the Label Guide aligning the opening between the black strips and press down firmly. The small knob on the narrow end of the opening should click into place.
8. Replace spindle.
9. **Remember** to remove the Label Guide when using labels larger than 1". You can store the Label Guide in the recessed compartment.

## Loading labels

Labels are quickly and easily loaded into the LabelWriter printer. Follow the instructions below while referring to Figures 1-5 and 1-6.

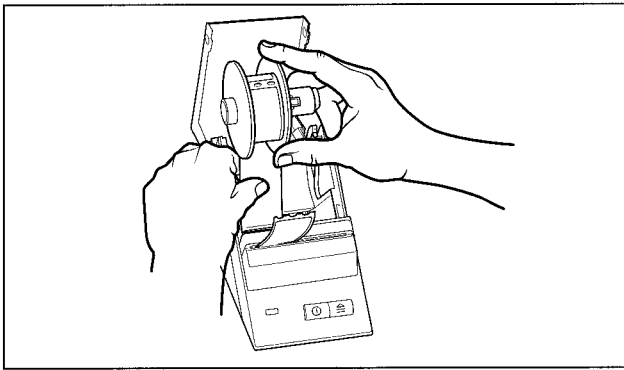
1. Open the cover so that you have access to the interior of the printer. Remove any packing material.
2. Remove the label spindle by lifting it straight up from the label spindle holder.



**Figure 1-5.** Loading labels onto the label spindle.

3. Locate your roll of labels and remove the tape from the end of the roll. Cut the lead label in half to create a nice straight edge. The LabelWriter grabs a straight edge much easier.
4. Refer to Figure 1-5 while following these instructions: For narrow labels, remove the right half of the label spindle and put the labels on the label spindle so that the end feeds from the bottom of the roll. Reconnect the right half of the spindle, with the label roll snugly secured between the circular plates of the spindle.

If you're using wide labels, remove the right half of the label spindle and turn it around, so that the long end of the spindle is on the inside. An illustration indicating how to position the spindle is molded into the black plastic base inside the printer. Put the labels on the label spindle so that the end feeds from the bottom of the roll. Reconnect the right half of the spindle, with the label roll snugly secured between the circular plates of the spindle.

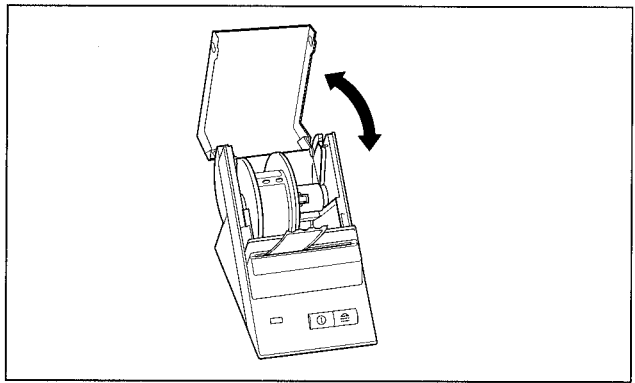


**Figure 1-6.** Insert labels into the feed slot before placing the label roll into the printer.

5. Be certain that the power cord is connected. Now turn on the printer. The green power light will flash and you will hear the printer's motor turning as it looks for labels to feed.
6. Holding the spindle of labels in one hand, use your other hand to feed the free end of the roll into the feed slot on the inside of the printer, as shown in Figure 1-6. (If it's easier, you can rest the label spindle on the top edge of the printer, freeing both hands to help with getting the label feeding started.)
7. Push the end into the slot until you feel a slight resistance. Continue pushing gently. The label feed motor will grab the end and carry the labels through the printer and out the exit slot, stopping automatically at the end of the first label.

If the motor stops turning while you're still in the process of loading labels, just press the form feed button to get it started again. (To protect itself, the motor stops turning after a few seconds.)

8. Return the label roll spindle with the labels to the spindle holder. The spindle will settle into the raised shoulder slots in the printer. See Figure 1-7.



**Figure 1-7.** After the labels have been properly fed past the label tear bar, rest the label spindle holder and close the cover.

9. Tear off the labels coming out the front of the printer by grasping the very end and pulling downward and sideways across the edge of the label tear bar.
10. Close the cover and your LabelWriter printer is ready to go!

---

## Removing an empty label roll

When the printer runs out of labels, the power light will flash and you will need to remove the used roll. Follow these instructions to remove a used roll of labels.

1. Leave the printer turned on. Open the cover. Depending on the label size you are using, the last label on the roll may be connected to the corrugated core by a piece of tape. If it is, use scissors to cut the label between the roll and the label feed slot.
2. Press the Form Feed button on the printer's front panel and hold it in as the printer ejects the remaining labels or backing.
3. When the labels or backing stop, pull gently to remove the material from the printer. Now you can load a new roll of labels. See the Loading Labels section earlier in this chapter for instructions on how to load labels.

# CHAPTER 2

## MAINTENANCE AND TROUBLESHOOTING

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The LabelWriter printer was designed to give long and trouble-free service, requiring very little maintenance. You'll get the best possible performance from your LabelWriter if you follow the instructions in Chapter 1 Setup and the procedures described here. This chapter also covers troubleshooting for printer errors and other common problems.

---

### Printer maintenance

Printer maintenance is quick and easy with the LabelWriter printer. There's no set schedule for maintenance; simply perform the appropriate maintenance when you see that it's needed.

The LabelWriter printer can be easily cleaned using just a few simple items. Use these items as often as needed to keep your printer clean and in good working order. You'll need these items:

- lint-free cloth
- isopropyl alcohol, diluted dishwashing detergent or diluted (non-ammonia) glass cleaner
- small, soft brush, such as a paint brush
- Use these items as they are called for in the maintenance procedures described in this chapter.



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## Exterior maintenance

Cleaning the outside of your LabelWriter is as important as cleaning the inside. Dusting the outside of the printer occasionally will reduce the incidence of foreign matter getting inside the printer. Follow these steps to perform exterior maintenance on your printer:

1. Turn the printer off and disconnect the power cord.
2. Dirt, dust, ink and so on will more than likely be attracted to the exterior of your printer. Use the lint-free cloth to wipe the exterior of the printer. Remove dirt and ink smudges with either isopropyl alcohol, diluted dishwashing detergent or diluted glass cleaner. *Avoid products containing ammonia for cleaning the printer or plastic cover.*
3. Take a minute to clean the work area around the LabelWriter. There are probably a few labels (new and used) laying around!
4. Reconnect the power cord and turn the printer on.

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## Interior maintenance

The printer's top cover will keep out most of the dust and dirt which accumulates in operating areas. However, it is still a good idea to periodically perform some basic interior maintenance:

1. Turn the printer off and disconnect the power cord.
2. Open the top cover.
3. Use a soft brush or a small, soft paint brush to whisk paper dust and other stray particles away from the inside of the printer. Remove the roll of labels to clean under the roll, then replace the labels.
4. Close the top cover.
5. Reconnect the power cord and turn the printer on.

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## Troubleshooting

Since the LabelWriter is extremely reliable there's an excellent chance you'll never have to look in this section. However, if you do find yourself in need of some type of troubleshooting advice, use this section to correct the problem.

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### Clearing label jams

If you find labels jammed in the LabelWriter, follow these steps to remove them.

1. Open the printer's cover and use scissors to cut the label between the feed slot and the roll of labels.
2. Press the form feed button to advance the label through the printer. Reload the labels as described in *Chapter 1 Setup*.
3. If the label will not come out with the form feed, remove the label spindle from the printer. Pull the jammed label *gently* back out of the printer through the feed slot.

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### IRQ settings

Computers send data to a device through the use of an address, much in the same way a postman delivers a letter to your home using your street address. If you want to send mail from your home, you put the mail in your mailbox and raise the red flag. The postman sees the red flag and picks up your mail. The computer does the same thing with a flag called IRQ (Interrupt Request). When the computer sees an IRQ, it goes to the device that sent the IRQ and retrieves the data. Below is a list of the addresses and IRQ's used by IBM PC-compatible computers:

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### Bar codes printed on XL or XL Plus are not scanning consistently.

The LabelWriter XL and XL Plus can be set through their Windows print drivers to print crisp, readable bar codes that match the bar code quality that comes standard in the BC and BC Plus. In the Windows 3.1 print driver, click on the "Setup" button and then simply set the Darkness Control to "Light". In the Windows 95 driver, select "Properties", then "Print Density" and then "Light."

Port Name	IRQ	Address
COM1	4	03F8
COM2	3	02F8
COM3	4	03E8
COM4	3	02E8
LPT1	7	0378
LPT2	5	0278

The LabelWriter XL sends status information back to the computer so that the computer knows the status of the printer at all times. If your port settings are not correct, then the computer may not be able to send data or receive status from the LabelWriter XL printer. Your computer must be able to send and receive data from the COM port in which it is connected.

Each device requires its own address and IRQ – they CANNOT be shared. Notice that COM3 and COM4 share IRQs with COM1 and COM2, respectively.

**IMPORTANT:** If you encounter print problems, especially when you first set up your LabelWriter XL printer, most often conflicts in the port settings are the cause of your problem. An installed device such as a mouse, modem, network card or sound card can interfere with the LabelWriter XL printer. Check each of these devices to ensure there is no conflict with IRQ and address. You may need the assistance of your computer dealer or MIS Manager to do this for you.

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## Printer isn't getting power

The on/off light on the front of your printer should glow green when the printer is switched on. If it doesn't check to make sure that the printer is plugged in properly at both the wall outlet and along the back panel of the printer. Then try another machine in the same wall outlet to make sure the outlet is good. If the outlet is good, chances are that the power transformer that came with your LabelWriter has become defective. There is no need to return the printer. Just call CoStar for a new power transformer.

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## Printer is on but doesn't print

To be certain that your LabelWriter is printing and feeding labels properly, you can run a self-test.

1. Make sure a roll of labels is loaded.
2. Be sure the printer is OFF and that the serial cable is not connected.
3. Locate the Form Feed button on the front of the printer.
4. Hold the Form Feed button down while you turn on the LabelWriter with the power button.
5. The printer will begin printing a self-test pattern on the labels.
6. End the self-test by turning the printer off.
7. Reconnect the serial cable to the back of the printer, turn the printer on again, and you're all set.

If the printer fails a self-test, check to see if the labels are loaded improperly or if the serial cable is plugged in (it shouldn't be during the self-test). Reload the labels and retry the self-test.

- If the on/off LED is flashing and labels are loaded, this indicates that the labels are jammed. You should remove the labels, look for jammed or crimped labels, and then reload the labels according to the instructions in chapter 1.

The on/off light also flashes when you reach the end of a roll of labels. Load a new roll and the light will stop flashing.

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## Self-test works but printer still doesn't print from application.

If the self-test works fine but the printer is still not printing from your application, do the following:

- Check to be sure that you have selected the correct serial port in your software and that the serial port is set for 19,200 baud no parity, 8 data bits, 1 stop bit, and XON/OFF flow control. See Appendix E for details on setting these parameters.
- Check to see that the serial cable (or parallel to serial adapter) is properly connected. Make sure you are using a CoStar serial cable. Other ones that look the same will not work.

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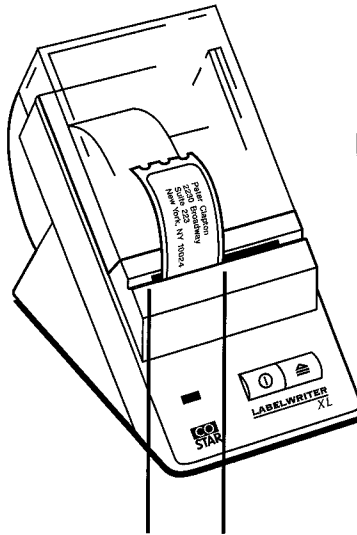
## How to correct poor print quality

Poor print quality can be caused by a misaligned or dirty print head. The first step is to unload the labels, and then reload them to see if the alignment improves. The second step is to clean the print head. CoStar sells 10-packs of cleaning cards for \$9.95 (part # 60601).

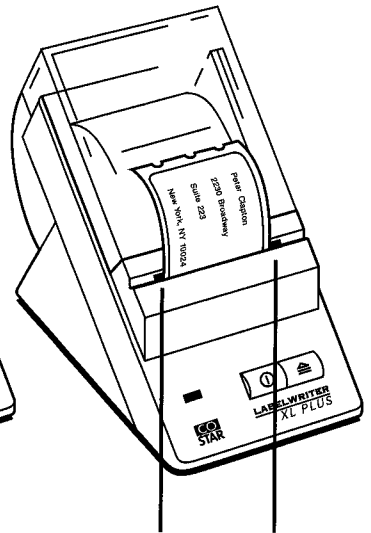
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## Printer doesn't print on right side of label

Remember that the LabelWriter XL and BC only have 1" wide print heads inside. Even though they will feed wider labels they will only print on the left side of those labels. The XL Plus and BC Plus contain wider 2.25" print heads so they print all the way across large labels.



**XL, BC**  
1" wide print head



**XL Plus, BC Plus**  
2 1/4" wide print head

# CHAPTER 3

## ORDERING MORE LABELS

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CoStar manufactures a wide selection of labels for your LabelWriter. This chapter provides you with a summary of the sizes available at the time this manual was printed. For the most up-to-date list, contact our Automated Fax Retrieval System at 800-350-6280, request Document 2 for a list of all marketing documents, and then select the Label Sheet of your choice. Or call our Customer Service Department at 800-426-7827 or 203-661-9700.

If you need a special label size, material or adhesive, a description of our custom label program is also available on the FaxInfo system. Or you can call CoStar Customer Service.

CoStar labels are available from computer resellers, catalogs, and direct from CoStar. Standard sizes are available from many sources, but more unusual sizes are often only available direct from CoStar.

See label list on following page.

**Labels: (Dimensions listed H x W)****XL and BC****XL Plus and BC Plus****Address:**

White, clear, yellow, blue, peach, and lavender.  
1.13"x 3.5", 130 or 350 labels per roll.

✓

✓

**Return Address:**

White, .75"x 2", 500 per roll.

✓

✓

**File Folder:**

All white, white w/red stripe and white w/blue stripe.  
.56"x 3.4", 260 per roll.

✓

✓

**Shipping:**

White and clear.  
2.25"x 4", 300 labels per roll

✓

**Diskette:**

White. Permanent or removable adhesive.  
2.13"x 2.75", 100 or 400 per roll.

✓

**Video Cassette:**

**Spine**, White, .75"x 5.88", 200 per roll.  
**Top**, White, 1.88"x 3.06", 300 per roll.

✓

✓

✓

**Audio Cassette:**

White.  
1.63"x 3.5", 350 per roll.

✓

**SyQuest Cartridge:**

White, Removable adhesive.  
1.97"x 4.5", 250 per roll.

✓

**8mm Video:**

White, 2-up format.  
.38"x 2.83", 700 per roll.

✓

✓

**DC2120 Tape Cartridge:**

White, Removable adhesive.  
2.13"x 2.75", 400 per roll.

✓

**Name Badge (paper stock, not a label):**

White, 2.25"x 3.5", 300 per roll.

✓

**Small sizes:**

White, 1"x 1", 750 per roll.  
White, .5"x 1", 1000 per roll.  
White, 2.25" x 1.25", 250 per roll.

✓

✓

✓

**Continuous Thermal Paper Roll:**

White, 2.25"x 300 feet per roll.

✓

# APPENDIX A

## PRINTER SPECIFICATIONS

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### Hardware specifications

**Print method:** Direct thermal.

**Print resolution:** 203 dots per inch.

**Print speed, up to:** 1" per second.

**Maximum print width:** .94" (24mm) in XL and BC, 2.25" (56mm) in LabelWriter XL Plus and BC Plus.

**Maximum label width:** 1.22" (31mm) in XL and BC, 2.44" (62mm) in LabelWriter XL Plus and BC Plus.

**Maximum label length:** User definable.

**Maximum paper handling:** 300 feet of thermal paper. 1200" of labels.

**Standard Interface:** Bidirectional, serial RS232 using transmit, receive and ground. Protocol is XON/XOFF or CTS, 19.2K baud, 8 data bits, no parity. Can connect to parallel (LPT) port with parallel to serial converter (Part#60606).

**Dimensions:** 4½" x 6½" x 7" (WHD) Weight: 1¼ pounds.

**Print head life:** Exceeds 17 miles of paper.

**Power requirements:** Requires 24 volts AC, 1 amp.

**Regulatory approvals:** FCC, UL and CSA approved. USPS approved for POSTNET and Delivery Point Bar Code.

**Limited Warranty:** One year.



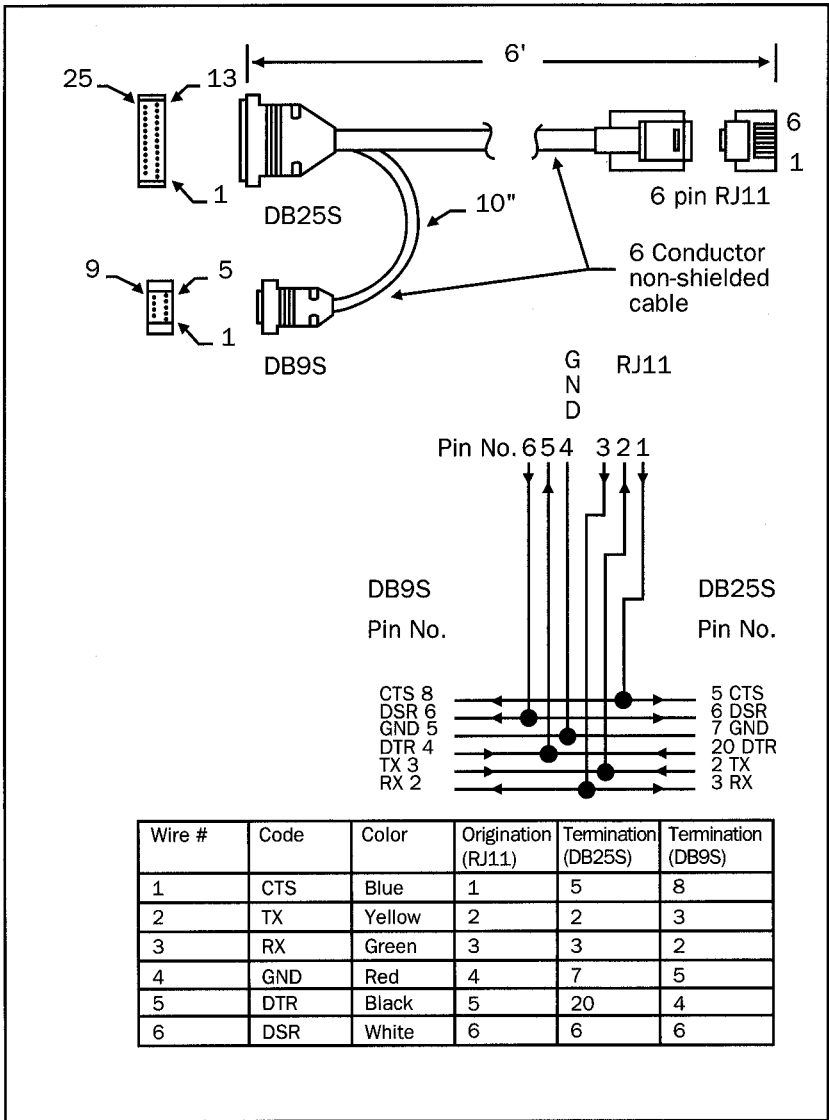


Figure A-1. Serial cable pin specifications and wiring chart.

# APPENDIX B WARRANTY AND SERVICE

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## One (1) year limited warranty

CoStar warrants the LabelWriter against defects in materials and workmanship for a period of one (1) year from the date of original retail purchase. Printheads are warranted for 90 days.

If CoStar receives notice of such defects during the warranty period, CoStar will either, at its option, repair or replace printers which prove to be defective.

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## Exclusions

This warranty does not cover customer abuse or accidental damage. CoStar's sole liability is limited to supplying the parts and labor required to restore the warranted product to its normal operating conditions. This warranty is in lieu of all other warranties, express or implied, and in no event is CoStar Corporation liable for consequential or incidental damage incurred by the user.

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## Service

In order to claim warranty coverage, dated proof of purchase for the LabelWriter printer is required. Contact CoStar's technical support department at (203) 661-9700 between 9am and 5pm Eastern time. A technical support specialist will ask you to describe the problem and provide the product's serial number. Upon confirmation of the defect, the service representative will issue you an RA# (Return Authorization #). This number must be clearly written on the side of the shipping container. We will not accept any return without an RA# marked on the outside of the box. The product must be sent to us freight prepaid. Send the product to CoStar's repair center at:

**CoStar Service Center**  
**RA#XXXXXX (place your RA# here)**  
**84 Commerce Street**  
**Stamford, CT 06902**

We will repair the defects covered under warranty at no charge in approximately three working days. The original warranty on the printers stays in place - it does not restart from the repair date. Printheads replaced under warranty come with a 90 day warranty. Repairs not covered under warranty are billable and will only be made as authorized by you.

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### **On-site repair option**

CoStar offers replacement parts (including printheads) for resellers and end-users who want to make their own repairs. Please call Technical Support for details.

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### **Out of warranty repairs**

Repairs made to out-of-warranty printers are billable and will only be made after your authorization.

# APPENDIX C

## LABELWRITER DEVELOPMENT TOOLS

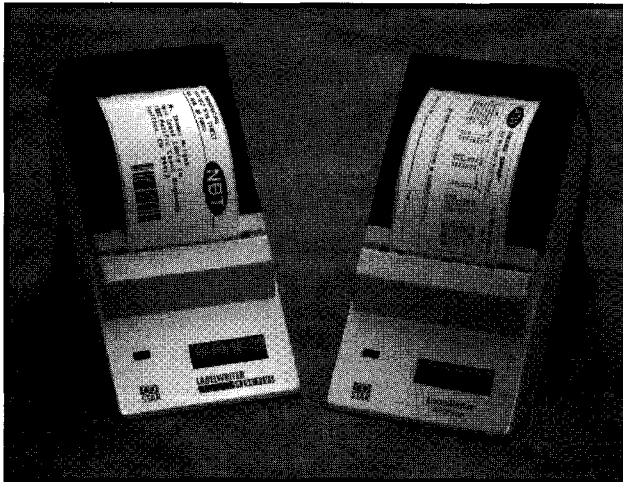
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CoStar offers a variety of development tools to simplify the integration of LabelWriter printers into custom applications.

Programming libraries provide a flexible API for Microsoft and Borland C, FoxPro and Clipper. Features include:

- NO TSR's. No shelling to DOS.
- Royalty free use in your applications.
- Code 39, 128 and Interleaved 2 of 5 bar codes.
- POSTNET bar code and .PCX graphics.
- Serial port functions included.
- Preview labels on monitor.
- Lines, boxes and textured area fills.
- Multiple fonts and bar codes on one label.
- Mix portrait and landscape modes on the same label.

CoStar also makes ASCII versions of the LabelWriter which bring fast, high quality desktop label printing to virtually all computing environments. These new printers are called the LabelWriter ASCII and LabelWriter SE200 and both are available with 1" and 2.25" wide print heads. The ASCII models include 4 built-in fonts in 20 sizes. The SE200 models include 4 built in fonts plus 21 bar code symbologies. All print at a very fast speed of 2" per second, with 203 dpi resolution. For detailed information on these printers call our fax back service at 1-800-350-6280 and request documents #6530 and #6531.



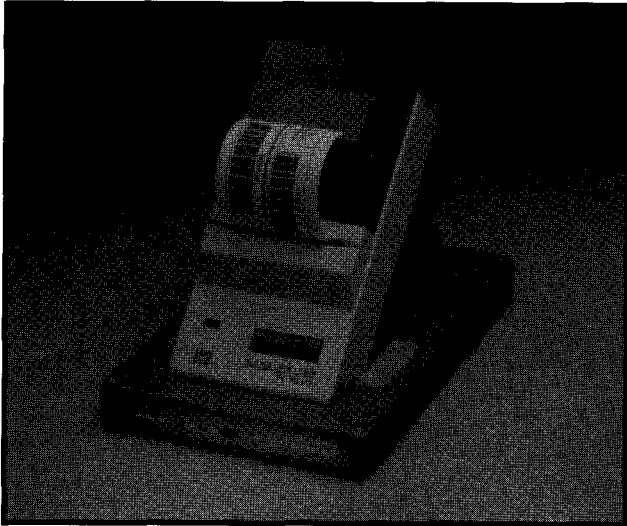
*LabelWriter SE200 Plus and LabelWriter ASCII Plus*

# APPENDIX D

## LABELWRITER BATTERY PACK

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CoStar offers a Battery Pack for the LabelWriter printers. This Battery Pack turns any LabelWriter model into a portable printer. For more information, call our FaxInfo system at 800-350-6280 and request document #5501 or call customer service.



# APPENDIX E

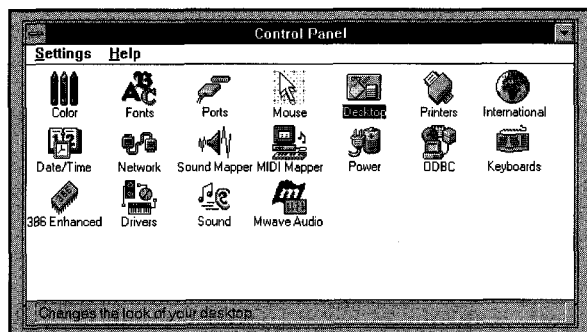
## INSTALLING WINDOWS PRINT DRIVERS

This section explains how to install Windows 3.1, 95 and NT print drivers. The drivers are supplied with your LabelWriter printer on a disk marked Drivers. (Disk 2 if you are using AddressMate Software.) PLEASE NOTE THAT THE LABELWRITER XL PRINT DRIVER WORKS WITH THE LABELWRITER XL, XL PLUS, BC AND BC PLUS.

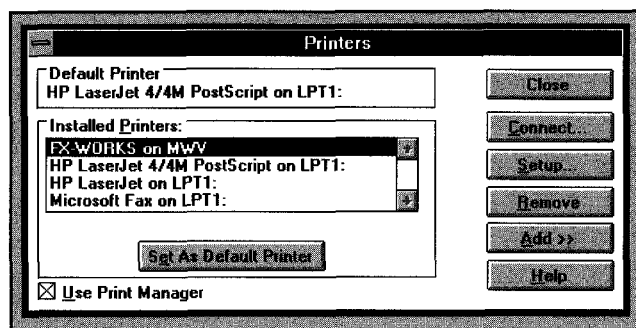
### Follow these instructions for Windows 3.1

From the Main Program Group double click on the Control Panel icon.

Then double click on the Printers icon.

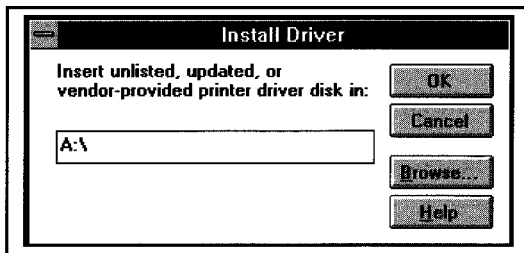


You will see a list of your installed printers. Click on the ADD button.



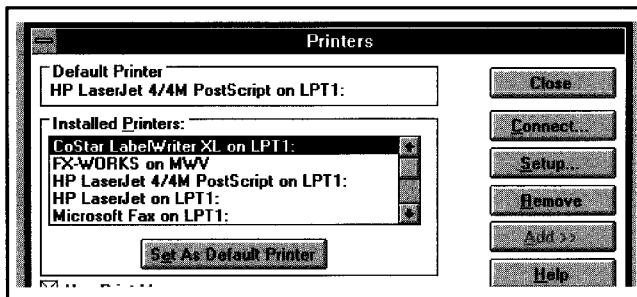
Since the LabelWriter XL print driver does not come with Windows, you will have to install it from the floppy disk that came with your LabelWriter. (Disk 2 if you are using AddressMate Software.) Click on the button called Install at the lower right hand corner of the open window.

Insert your LabelWriter driver disk into Drive A: or Drive B: and make sure to type in either A:\ or B:\ in this screen. Then click OK.



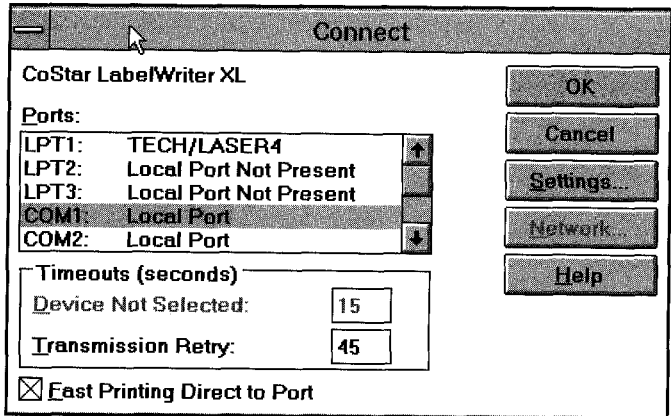
Windows will search the disk and bring up a list of drivers. Select the driver called CoStar LabelWriter XL and click OK.

After a few seconds the driver will be installed and will appear on the screen in the Installed Printers section. Click on the name CoStar LabelWriter XL under the Installed Printers section. Now you must configure the driver so it knows which port the printer is connected to.



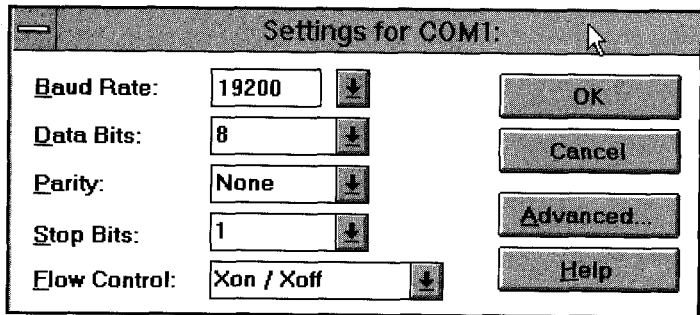
Click on Connect.

In the Ports section of the screen click on COM1, COM2, COM3 or COM4, depending on which port you are connected to. Also click on the Fast Printing Direct to Port button in the lower left hand corner of the screen.



Then click on the Settings button. Make sure the settings are set as follows:

Baud rate: 19200  
Data Bits: 8  
Parity: None  
Stop Bits: 1  
Flow Control: XON/XOFF



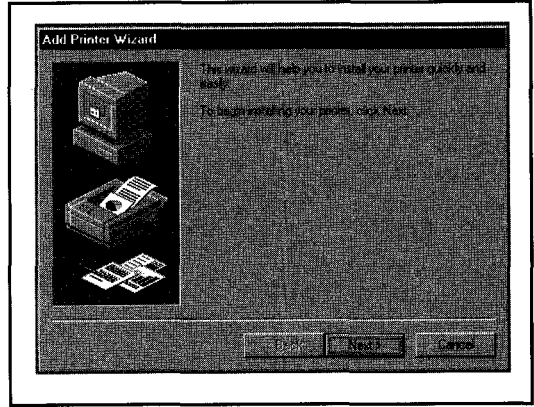
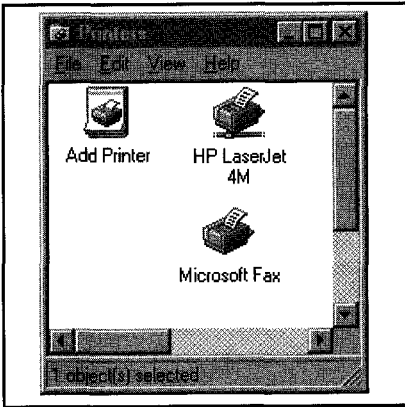
Then Click on OK, OK, and CLOSE to exit to the control panel. Your LabelWriter has been installed.



## Follow these instructions for Windows 95

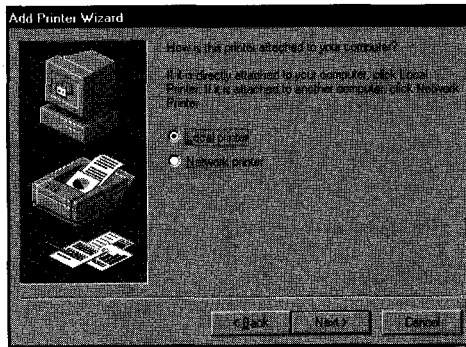
From the Start menu in Windows 95, select Settings and then Printers from the Settings submenu.

Double click on the Add Printer icon to bring up the Add Printer Wizard.

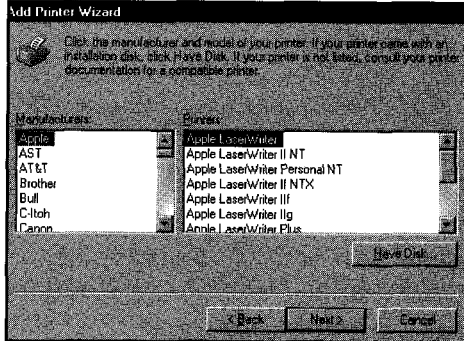


Click on the Next button.

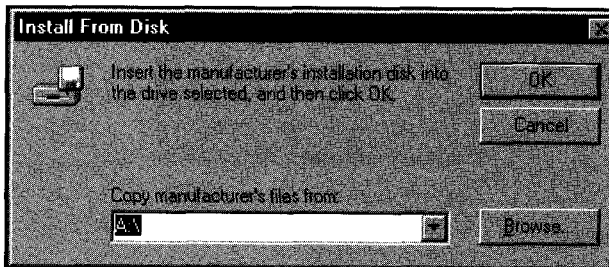
Select the Local Printer option and then click on the Next button.



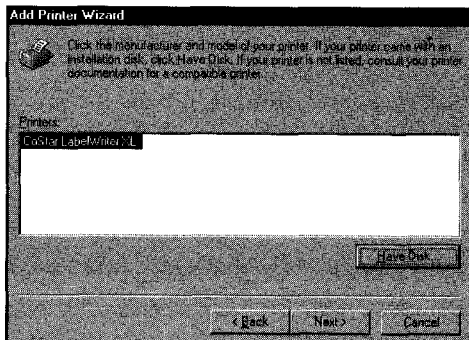
You will see a list of manufacturer's names and printer models. CoStar's driver does not come with Windows 95 so click on the Have Disk button.



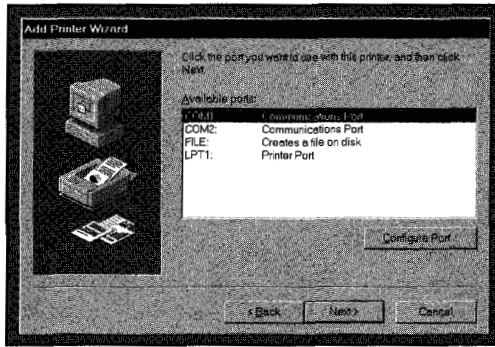
Insert the LabelWriter Drivers disk that came with your LabelWriter (Disk 2 if you have AddressMate Software) into your floppy drive A: or drive B: and make sure you type in the right drive letter in this screen.



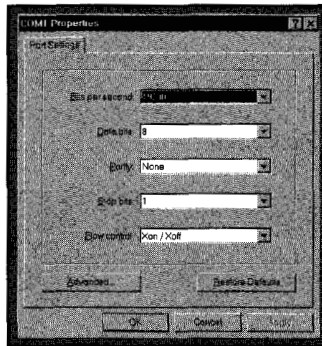
Then click on the OK button and you will see the name LabelWriter XL on the screen. This means that Windows 95 has located the driver. This is the right driver for your XL, XL Plus, BC and BC Plus.



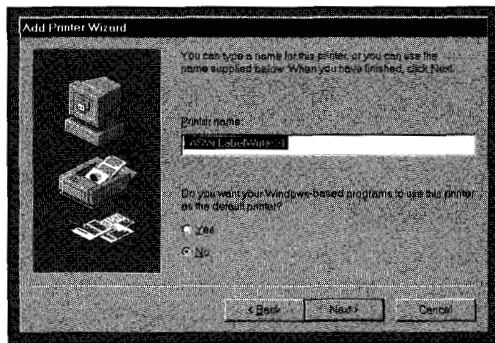
Then simply click on the Next button.



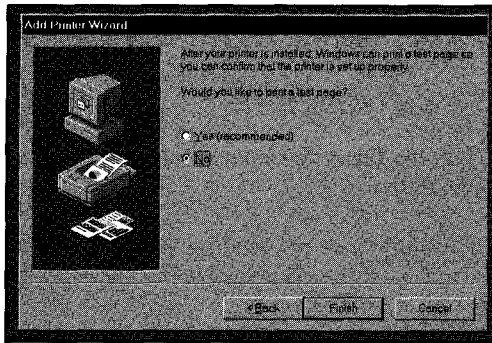
Select COM1 or COM2 depending on which port your LabelWriter is connected to. Then click on Configure Port.



Set Bits per second to 19200.  
Set Data bits to 8.  
Set Parity to None.  
Set Stop Bits to 1  
Set Flow Control to XON/XOFF.  
Then click on the OK button.



You will see the name LabelWriter XL in this screen. This is correct whether you are using an XL, XL Plus, BC or BC Plus. Leave the NO button clicked on the lower part of your screen. Then click on the Next button.



Click on the No button in this final screen and then click on the Finish button.

That's it. Your Windows 95 driver has been installed.

### **Follow these instructions for Windows NT**

You will need these files to install the LabelWriter XL print driver which is used for the LabelWriter XL, XL Plus, BC and BC Plus.

LW.DLL

DISK1

Printer.inf

Step by Step Instructions:

1. In Program Manager, open the Main Group.
2. Double-click the Print Manager.
3. Select 'Create Printer...' from the Printer menu.
4. In the Printer Name window, create a name for the printer you are installing.
5. Next to the Driver window, click the down arrow. Select 'Other'.
6. This is the Install Driver window.  
Type the drive or directory where the CoStar driver is located.  
This will most likely be A: or B:  
Click OK when finished.
7. This is the Select Driver window.  
Select the correct print driver.  
Click OK when finished.
8. "Enter path of Windows NT distribution disk"  
You will need to locate your original Windows NT installation CD-ROM or floppy disk.

Type the correct drive and add the i386 path. For example, if you installed from a CD-ROM, the drive and path will probably be: D:\i386\  
Click OK when finished.

9. In the Description window, type a description of the printer if you wish.

10. In the Print to: window, select the port where it is physically attached. This will probably be a COM port.

11. If you wish to allow others on your network to use the printer, check 'Share Printer on Network'  
Type the name of the printer which will appear on the other computers. Type the location of the printer for extra information.

12. Click the Settings button.

If the port you selected was a COM port, click Settings: verify:  
The setting should be set as follows:

19200 baud

8 data bits

no parity

1 stop bit

Xon/Xoff flow control. Note: you can also use Hardware flow control.

13. Click the Advanced button.

Unless you are well-versed with the changes Windows NT will make to your system, we DO NOT RECOMMEND changing the COM window, the BASE window, or the IRQ window. We DO recommend that you have FIFO disabled (unchecked). Click OK when finished.

14. Click OK to close the Port Settings window.

15. Click Close to close the Settings window.

16. Click OK to close the Create Printer window.

17. Click OK to close the Printer Setup window.

After you have added the print driver, you can verify or modify settings by highlighting the printer in the Print Manager (in the Main Group), and selecting 'Properties' from the Printer menu.

To create a custom form, follow instructions in the CUSTOM-NT.TXT file.

# APPENDIX F

## USING LABELWRITER WITH 3RD PARTY SOFTWARE

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A number of 3rd party programs now support direct printing to the LabelWriter printers. And CoStar has developed templates for several more. At the time of this manual's printing, supported programs include Lotus Organizer, ECCO, ACT! for Windows, Telemagic and GoldMine.

Depending on which CoStar printer you purchase, you will probably find the latest group of templates and instructions on their use on the same disk that contains the CoStar Printer Drivers. For example, if you purchased a LabelWriter bundled with AddressMate software, the templates can be found on Disk 2 - Drivers and Utilities.

The newest templates and instructions are also available on our BBS at 203-661-6292.

For Lotus Organizer, download costorg.exe  
For ACT! for Windows, download costact.exe  
For Telemagic, download costtele.exe  
For ECCO, download costecco.txt  
For GoldMine, download goldmine.exe