

**DYMO**<sup>®</sup>

# Quick Start Guide



**LabelWriter**<sup>®</sup> SE450

Professional Label Printer for Serial and USB Connections

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This Quick Start Guide gives instructions for connecting the printer, installing the software, and loading the labels. **For complete information about programming and using the LabelWriter SE450 printer, refer to the *LabelWriter SE450 Technical Reference Guide* available on the *Developers Program* page of the *DYMO* Web site ([www.dymo.com](http://www.dymo.com)).**

The LabelWriter SE450 label printer is primarily intended for applications limited to sending simple ASCII print data and Escape commands for printing from computers or devices using the serial or USB connections. In addition, printer drivers are included for printing from a Mac, Windows, or Linux system.

The software CD included with the printer includes the printer drivers for Windows, Mac, and Linux, and the full DYMO Label v.8 software installer. However, when used primarily as an ASCII printer, the drivers may not be required by your system.

## Unpacking the Printer

Make sure you have all the items shown in Figure 1. (Labels included in the package may vary.)

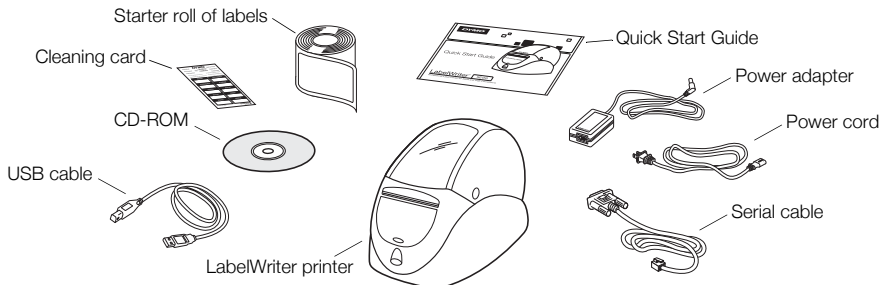
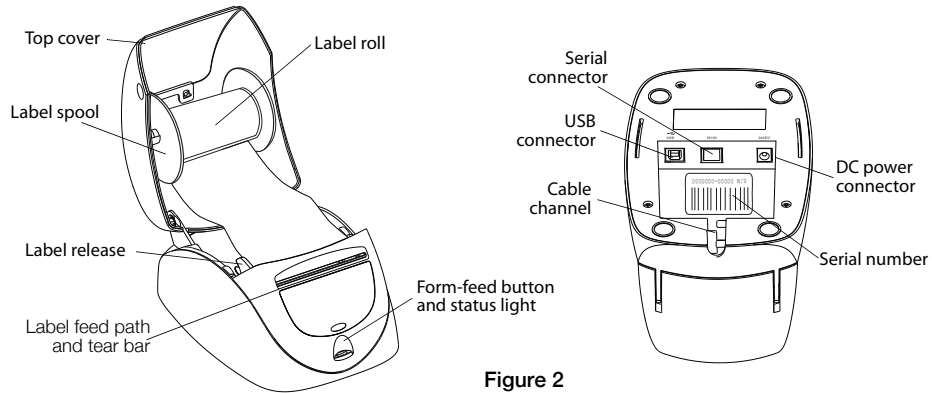


Figure 1

Become familiar with the printer's major components. See Figure 2.



**Figure 2**

## **LabelWriter Printer Features**

Your LabelWriter printer is a direct thermal printer and does not use ink or toner. Instead, the printer uses heat from a thermal print head to print on specially treated labels. Labels are the only supplies you will ever need to buy.

The form-feed button on the front of the printer advances a single label.

The status light visually shows the current state of the printer:

- Solid blue - USB cable is connected and printer is ready to print.
- Solid green - Serial cable is connected and printer is ready to print.
- Dimmed blue or green - printer is in power saving mode.
- Flashing red - Labels are not loaded properly or the label roll is empty.
- Flashing green - Printer is in configuration mode. Refer to the *Technical Reference Guide*.

## Installing as a Serial ASCII Printer (Windows)

- 1 Plug the end of the serial cable with the RJ11 connector into the serial port on the bottom of the printer. See Figure 3.
- 2 Connect the 9-pin serial connector to an available serial port on your computer or device, as appropriate.
- 3 Plug the power cord into the power adapter.
- 4 Plug the power adapter into the power connector on the bottom of the printer.
- 5 Insert the cables through the cable channel.
- 6 When all the cables are connected, plug the power cord into an electrical outlet.
- 7 Configure the printer port with the appropriate settings.

The printer default settings are:

Baud Rate: 9600

Data Bits: 8

Stop Bits: 1

Parity: None

Follow the instructions in "Loading Labels" on page 6 to correctly load labels onto the spool and insert the spool into the printer.

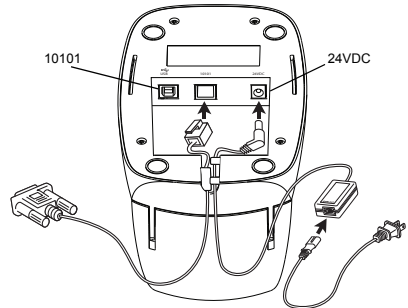


Figure 3

## Installing as a USB Connected Printer

The LabelWriter SE450 printer includes DYMO Label v.8 label printing software. You can choose to install the DYMO Label v.8 software or only the LabelWriter SE450 printer drivers depending on how you plan to use the printer.

Printer drivers for Windows and Mac are installed from the CD. For those familiar with Linux or CUPS, the CUPS SDK, including the printer drivers, is included on the Software CD.

### Installing the Software

Do not connect the printer to your computer until after the software installation is complete.

#### To install the printer drivers only (Windows only)

- 1 Insert the software CD that came with your printer into the CD-ROM/DVD drive. After a few seconds, the installation screen appears.
- 2 Click **Install** and follow the instructions on the next few screens.
- 3 On the Installation Type screen, choose **Custom installation**.
- 4 Clear the **DYMO Label** check box so that only the **Printer Drivers** check box is selected.
- 5 Click **Next** and follow the instructions.
- 6 When prompted, connect the printer to your computer. See "Connecting the Printer" on page 5.

#### To install DYMO Label software

**Windows** Depending on your system configuration, the software installation could take some time while the required Microsoft .NET™ software is installed.

- 1 Close all open Microsoft Office applications.
- 2 Insert the software CD that came with your printer into the CD-ROM/DVD drive.

- 3 Do one of the following:
  - **For Windows:** Click Install and follow the instructions in the installer.
  - **For Mac OS:** Double-click the Installer icon and follow the instructions.
- 4 When prompted, connect the printer to your computer. See “Connecting the Printer”.

**Mac OS** If the printer is not in the printer list when the installation is complete, refer to the ReadMe file for instructions on how to add the printer.

### Connecting the Printer

- 1 Plug the USB cable into the USB port on the bottom of the printer.
- 2 Connect the other end of the USB cable into an available USB port on your computer or other device, as appropriate.
- 3 Plug the power cord into the power adapter. See Figure 4.
- 4 Plug the power adapter into the power connector on the bottom of the printer.
- 5 Insert the power and USB cables through the cable channel.
- 6 When all the cables are connected, plug the power cord into an electrical outlet.

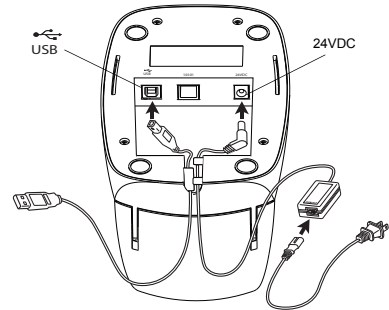


Figure 4

Follow the instructions in "Loading Labels" on page 6 for the correct way to load labels onto the spool and insert into the printer.

# Loading Labels

## Important!

In order for the labels to feed properly during printing, the labels must be loaded with the left edge of the label inserted against the left edge of the label feed slot. See Figure 8.

## To load a label roll

- 1 Press the form-feed button to eject the labels that protected the printer during shipment.
- 2 Open the top cover and remove any packing material inside the label compartment.
- 3 Remove the label spool from inside the top cover and pull the spool guide from the spindle.
- 4 Hold the spool spindle in your left hand and place the label roll on the spindle so that the labels feed from underneath and the left edge of the label roll is firmly against the side of the spool. See Figure 5.

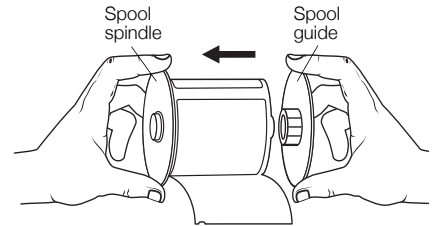


Figure 5

- 5 Slide the spool guide onto the right side of the spool and press the guide tightly against the side of the label roll, **leaving no gap** between the roll and the spool. See Figure 6.

**NOTE** To ensure proper feeding of labels during printing, the label roll must fit snugly against both sides of the label spool, with no gaps.

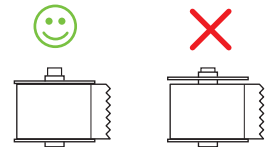
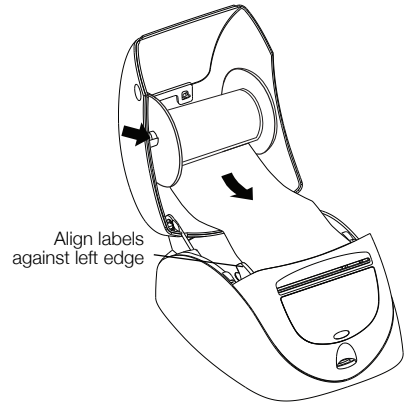


Figure 6



- 6 Insert the label spool into the slot in the printer cover with the labels extending from underneath the roll. See Figure 7.
- 7 Align the left edge of the label with the left edge of the label feed slot and insert the label into the slot.  
The printer automatically feeds the label, stopping at the beginning of the first label.  
If the printer does not feed the labels, make sure the first label is fully inserted and then press the form-feed button on the front of the printer.  
If the first label on the roll is not a full label, press the form-feed button to eject the partial label.
- 8 Carefully lower the top cover.



**Figure 7**

## More Information

For more information about programming and using the LabelWriter SE450 printer, refer to the following resources:

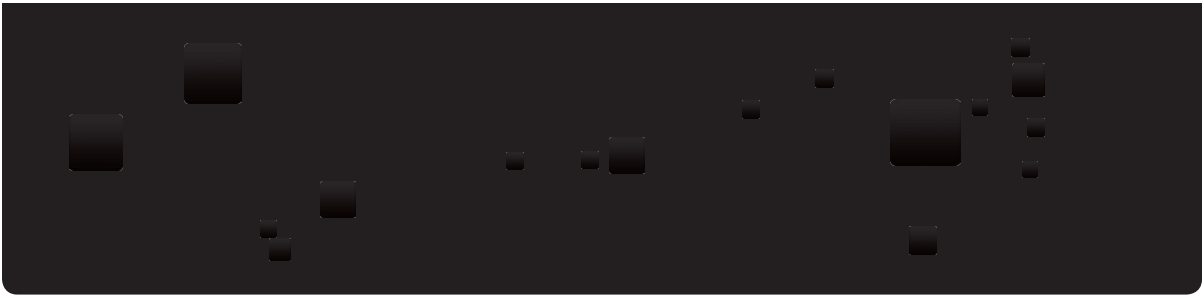
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<i>LabelWriter Printer User Guide</i>	Complete information for using and caring for LabelWriter 450 series label printers, including the LabelWriter SE450 printer.  This user guide is located on the software CD or it can be viewed from the Help menu in DYMO Label v.8 software.
<i>LabelWriter SE450 Technical Reference Guide</i>	Complete information for integrating label printing into custom applications on Linux, DOS or embedded platforms.  The Technical Reference Guide can be accessed from the Developers Program page of the DYMO Web site under LabelWriter SE450 SDK. ( <a href="http://www.dymo.com">www.dymo.com</a> )
Sample Code	Programming examples for the LabelWriter SE450 ASCII commands are located on the software CD in the Samples folder.
CUPS SDK	CUPS Software Developer's Kit, including the LabelWriter SE450 printer drivers, is located on the software CD.

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For customer support, visit the support section of the DYMO Web site ([www.dymo.com](http://www.dymo.com)).





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