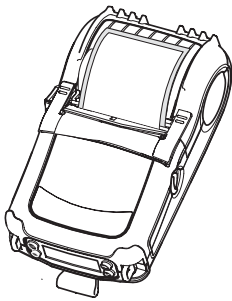




Intermec



Quick Start Guide



**EasyCoder[®] PL3
Printer**

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Introducing the EasyCoder PL3 Printer

Thank you for choosing the Intermec EasyCoder[®] PL3 Printer. This rugged printer is sure to become a productive and efficient addition to your workplace thanks to its innovative design. Intermec ensures world-class support for all of your bar code printers, software, and supplies.

This quick start guide gives you the information you need to confirm the printer is working and start printing. For information on connecting your printer to your network or terminals, see the *EasyCoder PL4 Printer User's Guide* (P/N 073204), which also applies to the PL3.

The PL3 uses the CPL programming language. To create and print labels using the CPL language, refer to the *EasyCoder PL-Series Printer Programmer's Reference Manual* (P/N 073210). You can also use our Intermec PL-Series Utility Software[™] (PLUS[™]) to create labels and send files to your printer. The manual and Intermec PLUS are available on the CD that came with your printer and on our web site at www.intermec.com.

Unpacking and Inspecting

Remove the accessories, packing material, and printer from the shipping container. Verify the contents of the shipping container against the next list:

- PL3 printer with belt clip
- Battery
- Shoulder strap
- Cleaning pen
- PL4 Companion CD. This CD contains the *EasyCoder PL4 Printer User's Guide*, the *EasyCoder PL-Series Printer Programmer's Reference Manual*, the Intermec PLUS application, Windows drivers, and sample labels.
- Information on ordering media and contacting Intermec product support
- This guide and *Important PL-Series Printer Information!*

Inspect the printer for possible shipping damage:

- Check all exterior surfaces for damage.
- Open the media cover (refer to “Loading the Media” on page 11) and inspect the media compartment for damage.

In case shipping is required, save the carton and all packing material.

Reporting Damage

If you discover shipping damage:

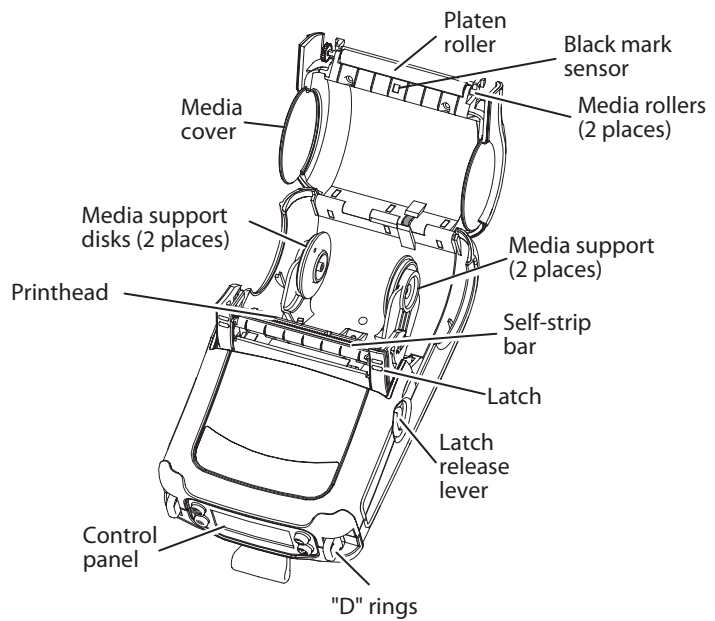
- immediately notify and file a damage report with the shipping company. Intermec is not responsible for any damage incurred during shipment of the printer and will not cover the repair of this damage under its warranty policy.
- keep the carton and all packing material for inspection.
- notify your authorized Intermec reseller or sales representative.

Learning About the Printer

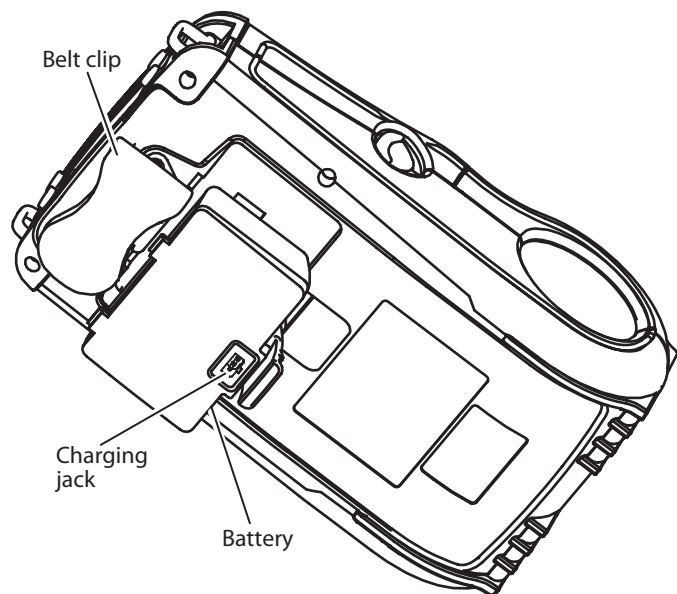
The EasyCoder PL3 printer is a rugged mobile label and receipt printer that provides:

- print resolution of 200 dpi.
- print speeds up to 7.62 cm (3 inches) per second.
- serial or wireless communications options.

Use the next two illustrations to familiarize yourself with the printer.



Front View of the EasyCoder PL3



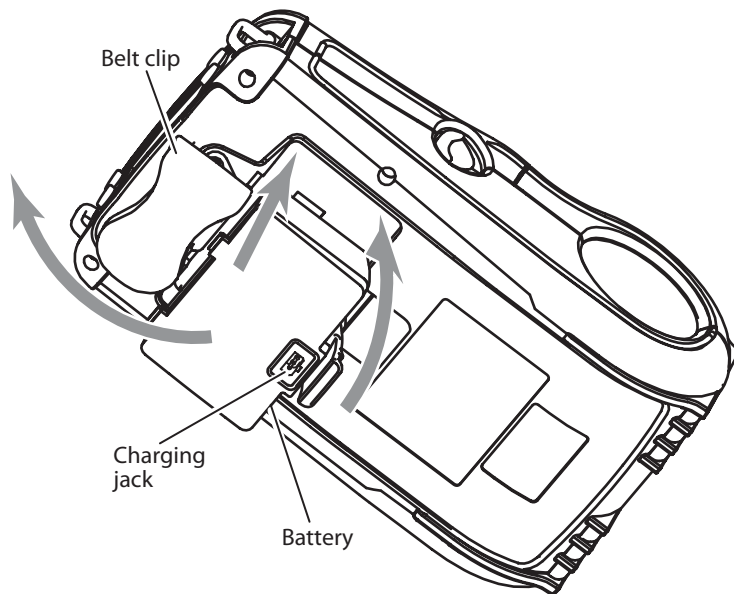
Back View of the EasyCoder PL3

Installing the Battery



Note: Batteries are shipped uncharged.

- 1 Unwrap the battery.
- 2 Rotate the belt clip to allow access to the battery compartment.



- 3 Insert the battery into the printer.
- 4 Press the battery into the printer until it locks in place.

When the battery is first installed, the Control Panel indicators may briefly turn on and then go off, which indicates the battery is not fully charged. For help, see “Charging the Battery” on page 8 and “Understanding the LCD Control Panel” on page 9.

Charging the Battery

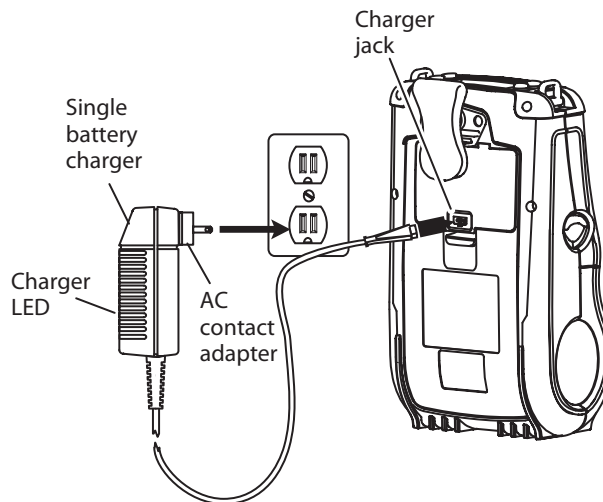


Do not attempt to charge batteries with the charger while printing. Attempting to print while charging can result in improperly charged batteries.

Attention: Ne pas essayer de charger des batteries à l'aide du chargeur pendant l'impression. Toute tentative d'impression pendant le processus de charge risque de produire des batteries mal chargées.

You can order the following charger for the battery:

- Single battery charger (P/N AT15759-7) that comes with an AC contact adapter for the U.S.A. (110V)

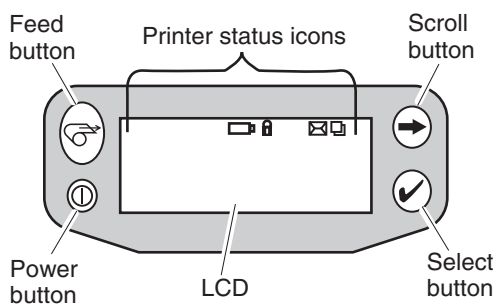


Connecting the Single Battery Charger

For help using the charger, see the documentation that came with the charger.

Understanding the LCD Control Panel

The LCD control panel has buttons for the power on/off and media feed functions. In addition, it has two keys that allow easy navigation and selection of menu options affecting many printer functions.






LCD Control Panel Functions


Button	Function
Feed	Advances the media out one label or a software determined length of media.
Scroll	Scrolls through the options and settings.
Select	Selects an option or setting.
Power	Turns the printer on and off.

The top of the screen has a row of status icons that indicate the state of various printer functions.

Status Icon Functions

Icon	Function
	A flashing icon indicates low battery status. You should suspend any printing operations and recharge or replace the battery pack as soon as possible.
	A flashing icon indicates that the media cover is open or not properly latched.
	A flashing icon indicates that a file is being downloaded to the printer.

Status Icon Functions (continued)

Icon	Function
	A flashing icon indicates that the printer does not detect any media. This could indicate an out of media condition or improperly loaded media.

In addition to the status icons, the LCD control panel can display many of the printer's settings and functions as text. Refer to the next table, "LCD Functions," for the full set of printer features that you can see with the LCD panel. To set these functions, see the *EasyCoder PL-Series Printer Programmer's Reference Manual*.

LCD Functions

Function	Default Setting	Options
Sensor Type	Gap	Black mark Gap
Baud Rate	19200	9600 19200 38400
Data Bits	8	7 8
WLAN ID**	Factory Set Value	N/A
Label Top-of-Form	000	Increase (+120 dots max) Decrease (-120 dots max)
Left Position	000	Increase (+120 dots max) Decrease (-120 dots max)
LCD Contrast	0	Increase Decrease
No activity Timeout**	60 sec.	60 sec. 5 min. 10 min. 30 min. Custom
Tear-off Position	00	Increase (+120 dots max) Decrease (-120 dots max)

LCD Functions (continued)

Function	Default Setting	Options
Media Type	Label	Label Continuous
LCD Backlight	Off	On Off Momentary on with time delay
Factory Reset	No	No Yes

** Some parameters, such as the WLAN ID number and non-standard no-activity timeout values can be set using a PC running Intermec PLUS and a data cable link to the printer.

The LCD has a backlight option that allows viewing of the screen in a dark environment or provides better contrast in a very bright environment. Using the backlight decreases the time the printer runs between charges. For more information on battery life, see the *EasyCoder PL4 Printer User's Guide*.

Loading the Media

You can operate this printer in one of two different modes: Tear-Off or Self-Strip. Tear-Off mode allows you to tear off each label (or a strip of labels) after it is printed. In Self-Strip mode, the backing material is peeled away from the label as the label advances. After you remove this label, the next one is printed.

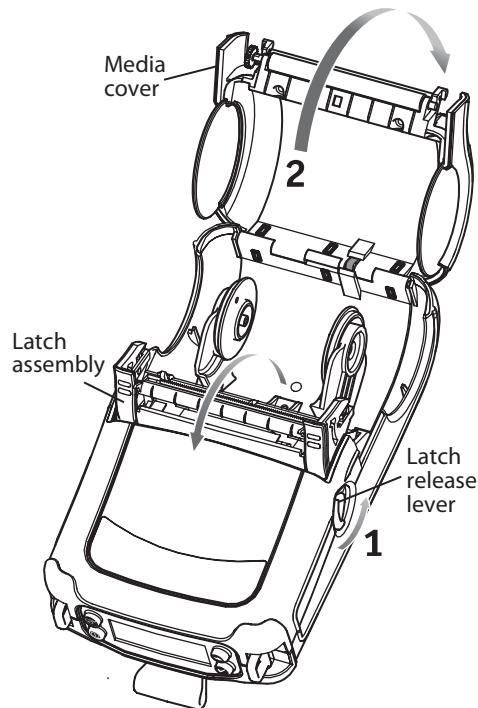
The PL3 printer supports direct thermal receipt, label, or tag media.



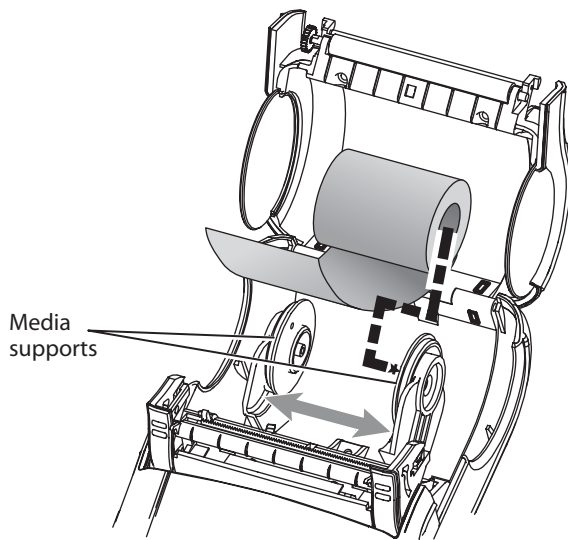
Note: To print a configuration label, you need to load continuous media (media with no black marks or gaps) into the printer. For help printing a configuration label, see “Verifying the Printer Is Working” on page 15.

To load the media

- 1 Pull the latch release lever on the side of the printer. The latch assembly flips open automatically.
- 2 Rotate the media cover back to expose the media compartment and the adjustable media supports.



- 3 Pull the media supports apart, insert the roll of media between them, and let the media supports close. Make sure the media pulls off the core in the direction shown in the next illustration.



The supports adjust themselves to the width of the media.
The media should be able to spin freely on the supports.

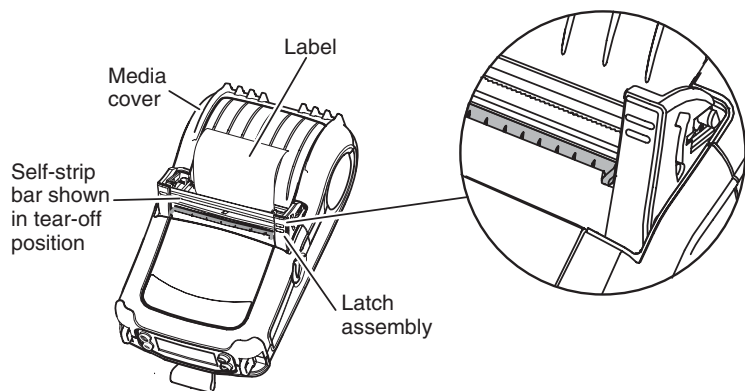
- 4 If you want to use the printer in Tear-Off mode, continue with Step 5.

If you want to use the printer in Self-Strip mode, peel one or two labels off of the backing material.

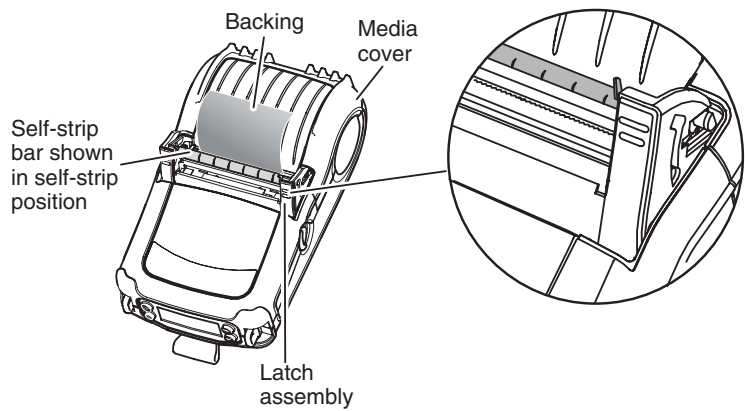
- 5 Close the media cover.

- 6 If you want to use the printer in Tear-Off mode, flip the self-strip bar down away from the latch assembly.

If you want to use the printer in Self-Strip mode, slide the self-strip bar up with your thumbs until it locks into place on the latch assembly.

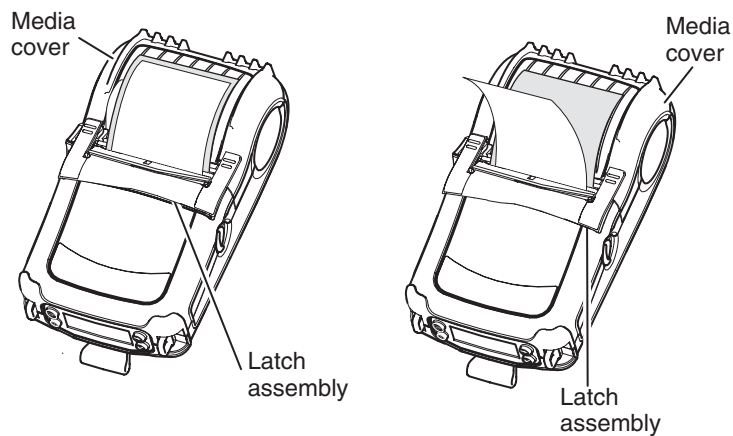


Tear-Off mode



Self-Strip mode

- 7** Rotate the latch assembly until it locks in place.
- 8** Turn on the printer or press the Feed button if the printer is already on. The printer advances the media.



Tear-Off mode

Self-Strip mode

The printer advances the media to the next label if printing labels. If you are printing on continuous media, the printer will advance a short strip of media and will then be ready for printing.

Verifying the Printer Is Working

Before you connect the printer to your computer or portable data terminal, make sure that the printer is in proper working order. You can do this by printing a configuration label using the next procedure. If you cannot get this label to print, see the *EasyCoder PL4 Printer User's Guide*.

To print a configuration label

- 1 Turn the printer off. Load the media compartment with continuous media (media with no black marks or gaps).
- 2 While holding the Feed button, press and release the Power button. When printing starts, release the Feed button.

The printer prints a line of interlocking “x” characters to make sure all elements of the printhead are working, prints out the version of software loaded in the printer, and then prints two reports.

The first report indicates model, firmware version, serial number, baud rate, and other printer information. The second report prints out a print quality test and then more detailed information on the printer's configuration and parameter settings. If no second report appears, there is no application loaded. The following illustrations are examples of the first report followed by the second report.

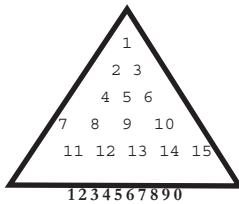
XX

Intermec PL3 v79.40 12/23/02
CHK: FFFF
HTSE7940 /18
Testing Memory...
Memory tested and OK
Baud Rate: 19200 BPS
In-activity Timeout: 120 Secs
Low battery Shut-down: 170

Printhead test

End of report.

Example of the First Report of the Configuration Label



Intermec PL3 V79/00 08/24/01

Serial Number:



xxQF00-10-0042

Name: xxQF00-10-0042

Unit serial number

Program:

Firmware: HTQ47940 /18

Chksum: F18A

Software: HTK44L

Chksum: 5C8F

Ver: L4.R79.40.U176.B19.T19.A00

Application number

Cable Communications:

19200 BPS, N,8,1

Handshake: hardware

DSR: 1

Bridge mode: off

Wireless Communications:

Report appears only on units with wireless options installed. Units with no wireless options will print an empty line and resume the report.

Example of the Beginning of the Second Report

Wireless Communications:

Bluetooth:

.version 1.2.0

.date 08/01/02

.baud 9600

.device printer

.mode slave

.local_name ?

.authentication off

.discoverable on

.encryption off

.address 00:80:37:17:1E:B0

Debug Mode: Disabled

Bluetooth software version

Bluetooth settings

Example of the Bluetooth Part of the Second Report

```

Peripherals:
MCR 2.00
LCD: Installed
Expansion module: 0x1D
802.11/b PCMCIA 5V
Other : 0F
Power Management:
In-activity Timeout:120 Secs
Low-battery Timeout:60 Secs
Remote(DTR) pwr-off:Enabled
Voltage          :6.98(179)
Low-bat warning  :6.86(176)
Low-bat Shut-down:6.55(168)
Memory(0):
Flash :2097151 Bytes
RAM   :2097151 Bytes
Label:
width :800 dots, 100 mm
Height:15095 dots, 1886 mm
Sensors: (Adj)
Pres [DAC:143,Thr:120,Cur: 13]
Label Present
Media [ 8 (384 dots)]
Gap [DAC: 0,Thr: 30,Cur: 6]
Bar [DAC: 0,Thr: 70,Cur: 11]
Temperature :165
Voltage      :6.94(178)
Resident Fonts:
Font  Sizes  Chars
---  ---  ---
0     0-6    20-FF
1     0      20-80
2     0-1    20-59
4     0-7    20-FF
5     0-3    20-FF
6     0      20-44
7     0-1    20-FF
File Directory:
File  Size
----  ---
DIAGS .BAT 1427
INDEX .WML 4723
1226000 Bytes Free
Command Language:
CCL Key '!' [21]
End of report.

```

Flash memory size

Maximum label size

Files loaded in printer memory (includes pre-scaled or scalable fonts)

Amount of memory available

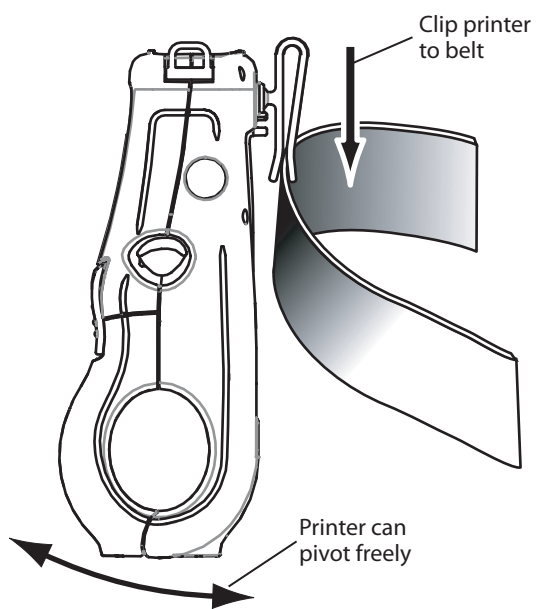
Example of the End of the Second Report

Using the Belt Clip

The PL3 is equipped with a belt clip.

To use the belt clip

- Hook the clip over your belt and ensure that the clip is securely attached to the belt. The belt clip pivots to allow you to move freely while wearing the printer.

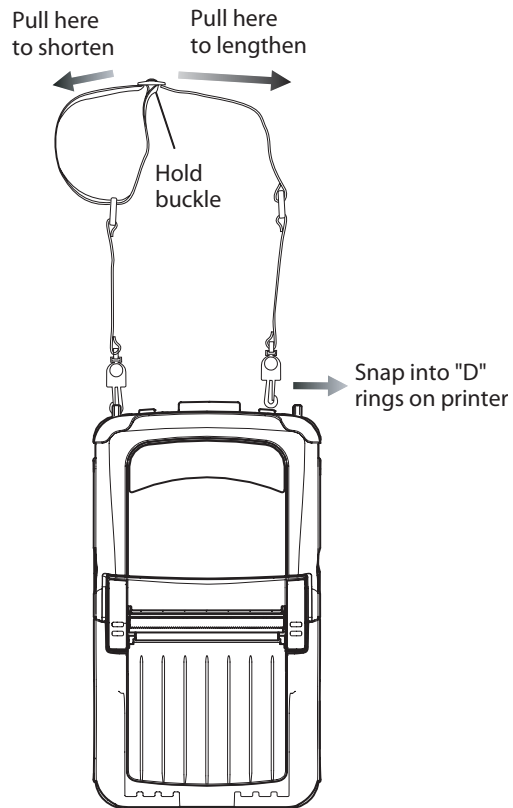


Using the Adjustable Shoulder Strap

The PL3 comes with a shoulder strap (P/N BT11132-1) for your convenience.

To use the shoulder strap

- 1 Snap each end of the shoulder strap into the “D” rings on the top of the printer.
- 2 Slide the buckle until you achieve the desired length.



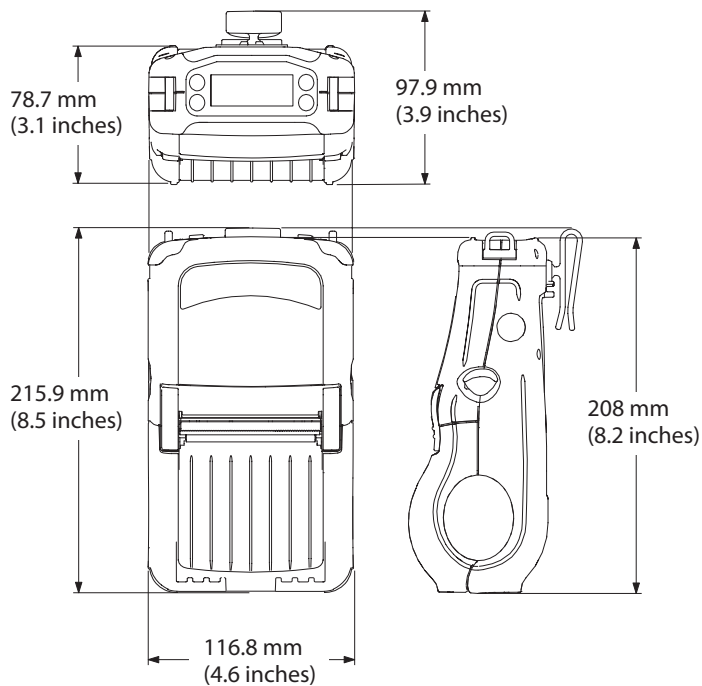
What To Do Next

Now that you have loaded the media and verified that the printer works, you can:

- establish communications with a PC or terminal.
- configure the printer to communicate with your network.
- install Intermec PLUS so you can design labels or configure your printer.
- write applications for the printer.

For help doing these tasks, see the *EasyCoder PL4 Printer User's Guide* and the *PL-Series Programmer's Reference Manual*. The guide and the manual are available in PDF format on the CD that came with your printer and at www.intermec.com, or you can order printed copies from your Intermec sales representative.

Specifications



Specifications

Weight with battery, excluding media and wireless options	0.75 kg (1.65 lb)
Temperature	
Operating	-15°C to 50°C (5°F to 122°F)
Storage	-25°C to 70°C (-13°F to 158°F)
Relative humidity	
Operation	10% to 80% (non-condensing) 10% to 40% for Bluetooth printer
Storage	10% to 90% (non-condensing)
Electrical	7.4V (nominal) Lithium-Ion battery



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