

The Intermec logo, featuring the word "Intermec" in a bold, dark blue, sans-serif font. It is positioned to the left of a stylized graphic consisting of several overlapping, light gray circles and a small dark blue square with a white circular element inside.

Quick Start Guide



PB42 Printer

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There are U.S. and foreign patents pending.

What is the PB42 Printer?

The PB42 printer is a rugged receipt printer designed for use with the CK60 computer. The PB42 provides:

- Print resolution of 203 dpi
- Print speeds up to 8.5 cm (3.3 inches) per second
- Serial or Bluetooth™ communication options

Installing and Charging the Batteries

The PB42 ships with two batteries. You need to fully charge the batteries before you can use the printer. You can charge the batteries inside the PB42 printer or in the CK60 battery charger. To charge the batteries in the PB42 printer, you need an AC power adapter (P/N 851-076-001) and a power cord.



Caution

Use Intermec battery pack P/N 318-015-001 only. Use of another pack may present a risk of fire or explosion.

Employez le bloc-batterie d'Intermec P/N 318-015-001 seulement. L'utilisation de tout autre bloc-batterie présente un risque d'incendie ou d'explosion.



Caution

The battery pack used in this device may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble, heat above 100 C (212 F) or incinerate.

Le bloc-batterie utilisé dans cet appareil peut présenter un risque d'incendie ou de brûlure chimique en cas de mauvais traitement. Ne rechargez pas, ne désassemblez pas, ne chauffez pas à une température supérieure à 100 C (212 F) et n'incinerez pas ce bloc-batterie.

Dispose of used battery pack promptly. Keep away from children.

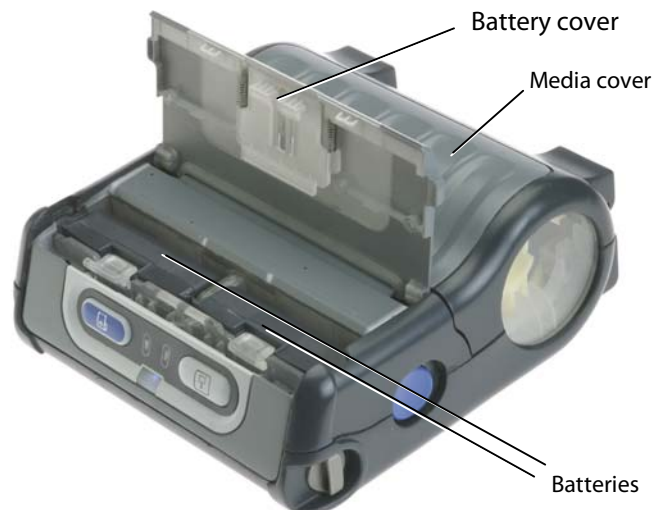
It takes about 4 hours to charge the batteries inside the PB42.

To install the batteries

- 1 Pull the battery cover latch towards the front of the printer and lift up on the battery cover.



- 2 Insert batteries into the two battery slots until they lock in place. The contact side of the battery faces the media cover.



- 3 Close the battery cover.
- 4 Connect the AC power adapter to the DC power connector on the printer.
- 5 Connect one end of the power cord to the AC power adapter and then plug other end into an AC outlet.



Loading Media

You can use roll or fanfold receipt media with the PB42 printer. The PB42 ships with a sample roll of media that you can use the first time you unpack the shipping box and verify that the printer is working correctly.

The media you use in the PB42 must meet these specifications.

Specification	Dimensions
Receipt roll core (ID)	1.9 cm (.75 inch)
Receipt roll maximum diameter	6.7 cm (2.65 inches)
Media maximum width	11.2 cm (4.40 inches)

To load media

- 1 Slide the media cover release button to the unlocked (left) position.
- 2 Press the media cover release button to open the media cover.



- 3** Insert the media between the two media supports. Make sure you load the media clockwise so that it pulls off the core from the bottom of the printer.



- 4** Pull out a few inches of the media.

- 5 Close the media cover until it latches.
- 6 Slide the media cover release button to the locked (right) position.

Understanding the Control Panel

The PB42 control panel contains two buttons and three lights.



Button or LED	Function
Radio button	Turns the radio on and off. Blinks fast green when the radio is receiving data. Blinks slow green when the radio is on.
Battery lights	Indicates whether the battery is charging (red), low (red blinking), or fully charged (green).
Ready-to-Work™ indicator	Indicates a connection to the host if on solid blue. If the blue light blinks, the printer is open or there is a hardware error.
Feed button	Press to advance media. Press and hold to advance media at 2 inches per second (ips).

Performing a Test Print

After you have loaded the media in the printer, you are ready to print the configuration test information. Use this information for reference when installing your PB42 printer and for verifying proper printer operation.

To perform a test print

- Press and hold the **Feed** and **Radio** buttons for 5 seconds.

Loading New Firmware

You can upload firmware on your PB42 from the CK60 handheld computer. To upgrade your firmware, you need to send a .upg file to the PB42 printer:

- PB42xxxxx.upg

Where xxxxx is the version number of the firmware.

To load new firmware

- 1 On the CK60, go to **My Device > Program Files > Intermec** and start FWUpgrade.
- 2 Select the **Settings** tab.
- 3 Select COM6 for the COM port and select the “Use Remote DCB” check box.
- 4 Select the **Printer Flash Update** tab.
- 5 Click **Choose Update**. A browser window opens.
- 6 Browse to your .upg file, select it, and click **OK**. The browser window closes and you return to the **Printer Flash Update** tab.
- 7 Select **Send Update**.
- 8 Wait for the **Upgrade Done** message on the CK60. The PB42 beeps twice when it is done receiving information.

Specifications

Physical Dimensions

Depth:	7.87 cm (3.1 inches)
Height:	18.03 cm (7.1 inches)
Width:	16.82 cm (6.62 inches)
Weight:	less than 1.23 kg (2.7 lb) with battery packs and receipt paper.

Power Specifications

AC power adapter:	50 Watt
Voltage range:	12V $\pm$ 5%
Operating:	Rechargeable 7.2V 2.4 Ah lithium-ion batteries

Temperature and Humidity Specifications

Operating temperature:	-20°C (-4°F) to 50°C (122°F)
Non-operating temperature:	-30°C (-22°F) to 70°C (158°F)
Relative humidity:	10% to 90% non-condensing

Bar Code Symbolologies

Interleaved 2 of 5, Codabar, EAN-128, PDF417, UPC-A, Code 128, EAN-13, EAN-8, Code 39, New GTIN



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