



Outperforming Expectations: Brady Thermal Transfer Printers



IP[™]
Series
PRINTER

Brady IP[™] Printer

Intelligence by Design.

**Quick
Start
Guide**

Edition 12/06

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United States

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Industry Canada

Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including any interference that may cause undesirable operation of the device. This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le Matériel Brouilleur du Canada.

Taiwan

警告使用者：

這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

Europe

Warning — This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

Quick Start Guide

About the Printer

The Brady IP™ printer is designed to work with BradySoft, BradyCode, IdentiLab or LabelMark software. When used with one of those software packages, the printer will automatically recognize all Brady non-metallized labels up to 4 inches (101.6 mm) wide. For operation of the printer with other manufacturer’s labels, metallized labels and other software packages, refer to the “Brady IP™ Printer Operator’s/Configuration Manual” located on the Product CD.

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Safety

- The label printer is configured for voltages of 100 to 240 V ~ (50 to 60 Hz). Connect only to a grounded power outlet.
- The label printer may only be used in a dry environment, do not expose it to moisture (water, mists, etc.).
- If the label printer is operated with the cover open, ensure that people's clothing, hair, jewelry etc. do not come into contact with the exposed rotating parts.

⚠ WARNING



Entanglement Hazard

- **MOVING PARTS** can entangle.
- **AVOID** wearing jewelry or loose fitting clothing.
- **ALWAYS** tie back long hair.

- During the print process, the print assembly can become hot. Do not touch the print assembly during operation, and allow the assembly to cool down before changing material and before disassembly.
- Perform only those actions described in this quick operator's guide. Work going beyond this may only be performed by trained personnel or service technicians.

⚠ DANGER



Electric Shock Hazard

- **DO NOT** open the label printer casing.
- **UNPLUG** power cord before servicing.
- **CONTACTING** power supply can cause electrocution.

Unpacking the Label Printer

Carefully unpack and inspect the printer for possible damage incurred during shipping.

- Check all exterior and interior surfaces for damage.
- Check the label printer for any possible transportation damage.

What's in the Box

- Label printer
- Power cable
- Printed Quick Start Guide
- Product CD containing Windows printer driver, electronic manual, electronic programmer's guide and electronic warranty card.
- BradySoft demo CD
- Printer cleaning Kit (Y9718)
- USB cable (Y90842)

NOTE: Please keep the original packaging, including the box, in the event the printer must be returned.

Stress Free System Setup

Stress Free System Setup is available, free of charge, in North America and Australia. Brady's Stress Free System Setup helps you set up your new printer and software.

To schedule a free phone setup assistance appointment, call 1-800-643-8766 and select Menu Option 4.

During this call, a Brady technician will help you set up the printer and make sure that the software is working. Brady Technical Support will also call you back 11 days after setup to be sure the system is working properly and to answer any questions you have about your printer or software.



Installation

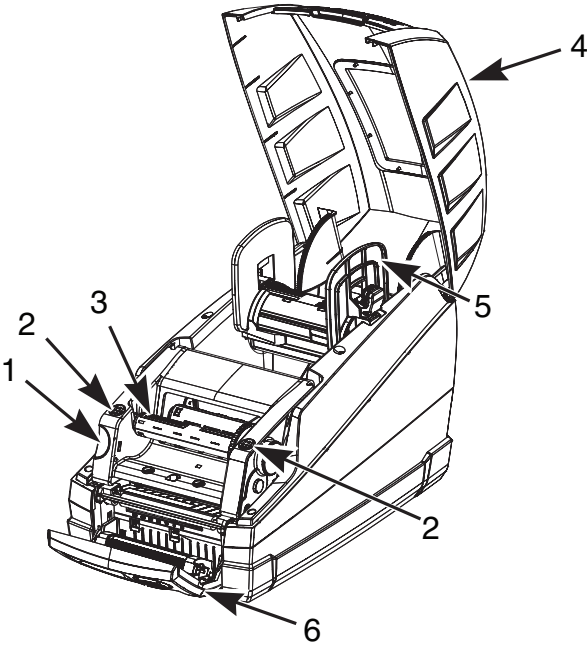


Figure 1, Brady IP Label Printer

Item	Description
1	Ribbon Carrier Release Button
2	Ribbon Carrier Close Points
3	Ribbon Take-up Spindle
4	Printer Cover
5	Material Holder
6	Front Cover

Connecting the Printer

NOTICE

The device and printing materials will be damaged by moisture and wet conditions.

Set up label printers only in dry locations protected from moisture.

NOTICE

Ensure that the foam transportation protection has been removed from around the printhead.

- Place the printer on a level surface away from moisture.
- Open the label printer cover (**Figure 1, 4**).
- For operation in Peel-off mode, place the printer in such a position that the liner can run down without hindrance. Refer to the “Brady IP™ Printer Operator’s/Configuration Guide” for additional information about Peel-off mode.

Quick Start Guide

The printer has a RS-232 port (**Figure 2, 1**), a USB port (**Figure 2, 2**) and an Ethernet port (**Figure 2, 3**).

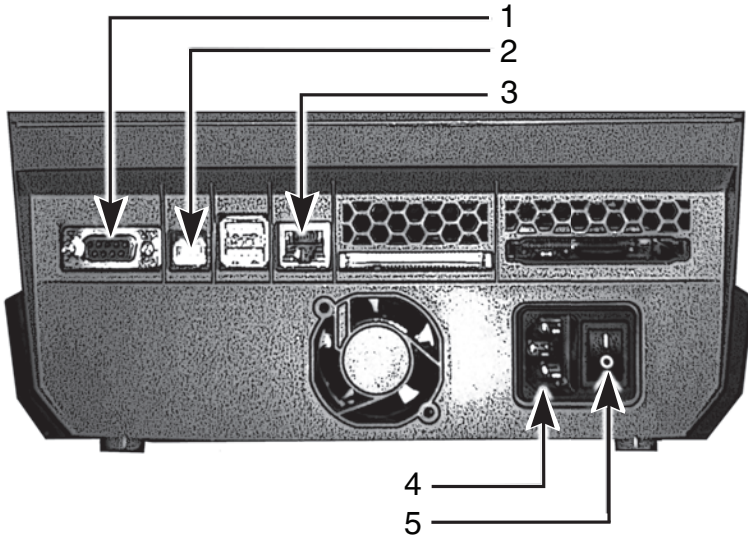


Figure 2, Interfaces and Connectors

1. Plug the power cable into the power connection socket on the back of the printer (**Figure 2, 4**).
2. Plug the power cable into a grounded 100 to 240 V ~ (50 to 60 Hz) power source.

NOTE: The label printer senses the voltage type and automatically adjusts for the power source.

3. Connect the printer to the computer using the supplied USB cable. The USB cable connects to the printer at the port (**Figure 2, 2**) and to a USB port on the computer.
4. If you do not have BradySoft, BradyCode, LabelMark or IdentiLab software installed on your computer:
 - (a) Insert the BradySoft software CD in the CD reader on your computer.
 - (a) Follow the autoloader directions for software installation.
5. Turn on the power switch on the back of the printer (**Figure 2, 5**). The printer will perform a self test and then go into Ready mode.

NOTE: If an error occurs during installation, refer to the “Brady IP™ Printer Operator’s/Configuration Guide” located on the Product CD.

Loading the Ribbon

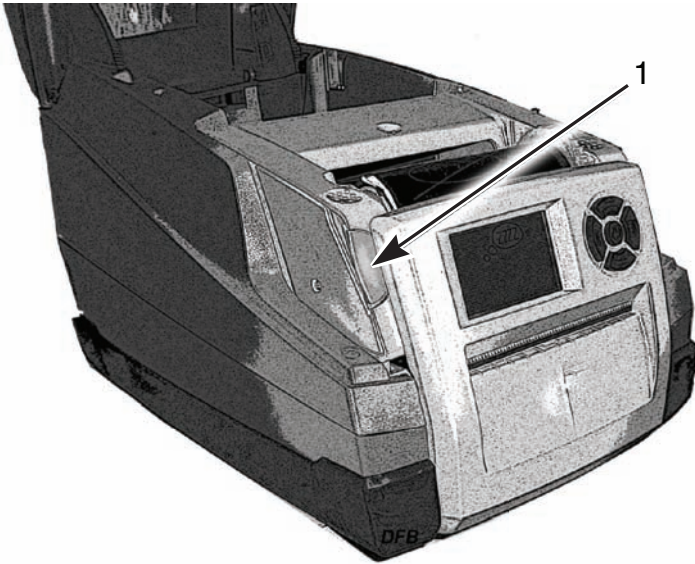


Figure 3, Ribbon Carrier Release Button

1. Lift open the label printer cover (**Figure 1, 4**).
2. Press the ribbon carrier release button (**Figure 3, 1**).

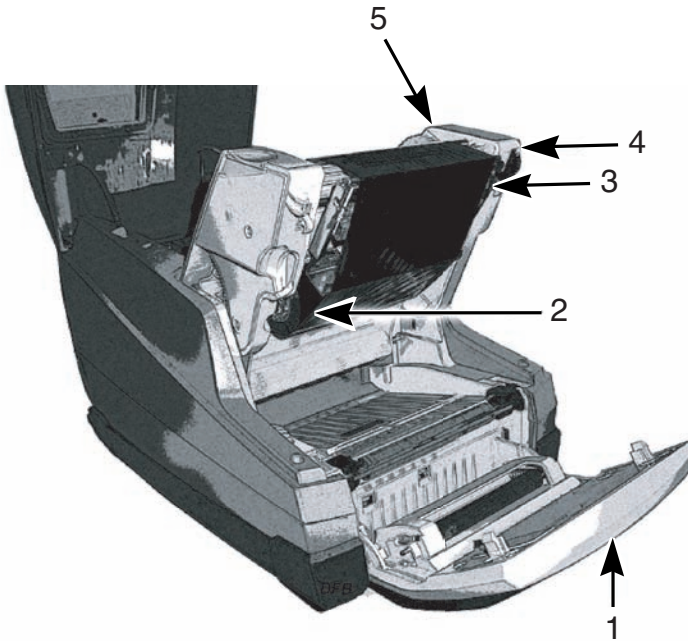


Figure 4, Loading the Ribbon

3. Pull the front cover (**Figure 4, 1**) toward you and lift the ribbon carrier into the loading position (**Figure 4, 4**).
4. Position the square end of the new ribbon spindle in the square notch on the right side of the printer, push the spindle slightly to the right and slide the other end of the spindle into the notch (**Figure 4, 2**) on the left side of the printer.
5. Bring the ribbon end forward and over the thermal printhead (**Figure 4, 3**) to the ribbon take-up spindle (**Figure 5**).



Figure 5, Ribbon Take-up Spindle

NOTE: If you need to remove the ribbon take-up spindle, push the spindle slightly to the right and slide the other end of the spindle out of the notch on the left side of the printer. Remove the ribbon take-up spindle.

To replace the ribbon take-up spindle, position the square end (**Figure 5, 1**) of the spindle in the square notch on the right side of the printer, push the spindle slightly to the right and slide the other end of the spindle into the notch on the left side of the printer.

6. Slide the end of the ribbon under the ribbon hold-down tab (**Figure 5, 2**) so that about 2 inches (50.8 mm) protrudes past the tab. Fold the end of the ribbon back on top of itself over the tab.
7. Turn the adjustment wheel (**Figure 4, 5**) a few complete clockwise revolutions, to ensure that the ribbon will not pull out from under the ribbon hold-down tab. The ribbon should now be snug and smoothed out against the printhead.

NOTE: The spindle is self-adjusting and will smooth the ribbon out and position it correctly as the adjustment wheel is turned.

8. Close the printer cover (**Figure 1, 4**).

NOTE: To remove ribbon from the ribbon take-up spindle, press and hold the thumb lever (**Figure 5, 4**) to compress the spindle and slide the spent ribbon off the spindle.

Loading the Material

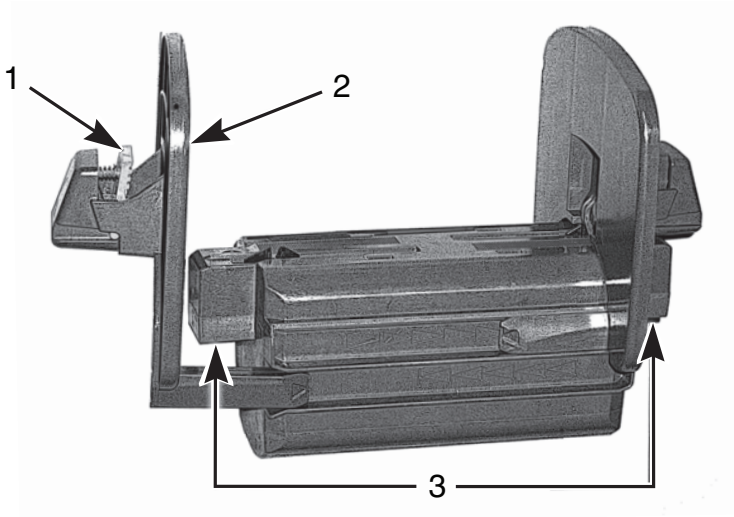


Figure 6, Material Supply Holder

1. Remove the material supply holder (**Figure 6**) from the printer by lifting it up and out of the frame.

NOTICE

There are sensors located under the side tabs (Figure 6, 3) on both sides of the material supply holder. Be careful not to damage these sensors or the label printer will be unable to read the material identification tag on the labels.

2. Press and hold the green tab (**Figure 6, 1**) on the material supply holder and slide the end piece (**Figure 6, 2**) outward.

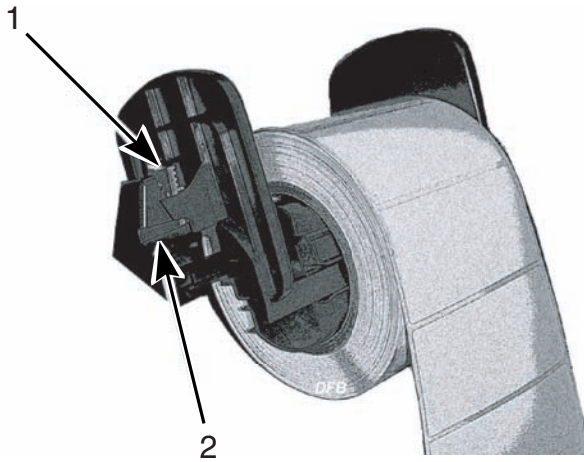


Figure 7, Labeling Material

3. Slide the Brady labeling material roll onto the material supply holder and reinstall the end piece (**Figure 7, 1**), which will automatically center the roll on the holder.
4. Reinsert the material supply holder onto the frame. Ensure the sensors under the side tabs (**Figure 7, 2**) are properly seated in the frame so the printer will correctly read the material identification tag. Ensure the material rolls from the top of the roll as shown in **Figure 7**.

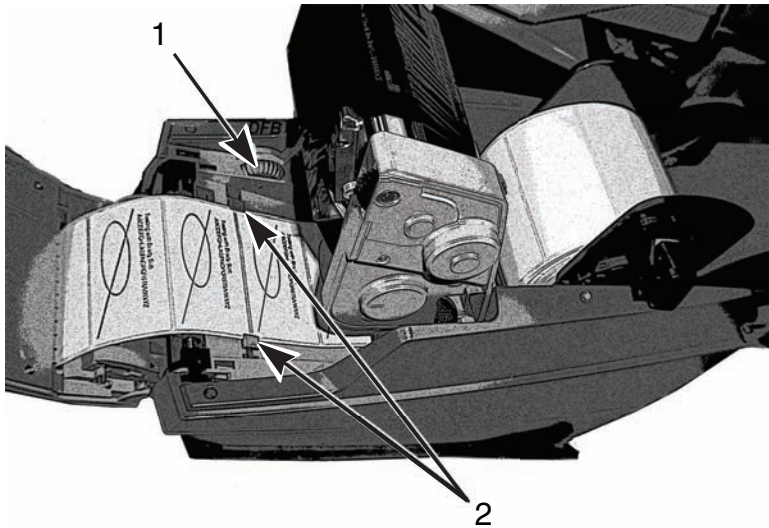


Figure 8, Alignment Guides

5. Thread the material under the ribbon carrier, under the guides **(Figure 8, 2)** and forward through the slot in the front cover.
6. Turn the green dial on the left **(Figure 8, 1)** to adjust the guides so they just snug up against the labels. Do not tighten the guides enough to crimp the labels.
7. Apply thumb pressure to the close points on both sides of the ribbon carrier until it latches securely in place. Once the ribbon carrier is latched in place, raise the front panel and snap into the closed position.
8. Close the printer cover **(Figure 1, 4)**.

The front display should read Ready and display the type of material loaded into the printer as well as the type of ribbon loaded. **Figure 9** is an example of a typical display.



Figure 9, Typical Ready Display

If the printer is in a state other than Ready, refer to the “Brady IP™ Printer Operator’s/Configuration Guide” located on the product CD to determine what the problem might be.

Calibrating the Printer

No calibration is necessary when using BradySoft, BradyCode, IdentiLab or LabelMark software and Brady non-metallized materials. For operation of the printer with other manufacturer’s labels, metallized labels and other software packages, refer to the “Brady IP™ Printer Operator’s/Configuration Manual” located on the Product CD.

Printing

When the ribbon and material are installed and the printer is powered up and connected to the computer, the printer is ready for use. Start the printing program (BradySoft, LabelMark, or IdentiLab) and the program should identify the labeling material installed in the printer. At this time, refer to the manual for your selected software for the creation and printing of the labels.

Other Modes

The Brady IP printer can be used in modes other than described in this manual. For information regarding use of metallized labels, other manufacturers labels or software packages and Auto Peel-off mode, refer to the “Brady IPT™ Printer Operator’s/Configuration Guide” included on the Product CD.

Registering your Printer

Register your printer online at: www.bradyid.com/register.



For Repair or Technical Assistance, find your regional Brady Tech Support office by going to:

- In the Americas: www.bradyid.com
- In Europe: www.bradyeurope.com
- In Asia: www.bradycorp.com

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Bar Code Label