



# i7500 Label Printer

User Manual

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Revision A

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Our products are sold with the understanding that the buyer will test them in actual use and determine for themselves the adaptability to their intended uses. Brady warrants to the buyer that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyer.

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## Safety and Environment

Please read and understand this manual before using the i7500 Label Printer for the first time. This manual describes all of the main functions of the printer.

### Precautions

Before using the printer, please note the following precautions:

- Read all instructions carefully before operating the printer and prior to performing any procedure.
- Do not place the unit on an unstable surface or stand.
- Do not place anything on top of the unit.
- Keep the top clear of obstructions.
- Always use the printer in a well ventilated area. Do not block the slots and opening on the unit, which are provided for ventilation.
- Only use the power source indicated on the rating label.
- Use only the power cord that comes with the unit.
- Do not place anything on the power cord.
- This equipment is not intended for use by children.

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## Technical Support and Registration

### Contact Information

Visit the Brady Knowledge Base at [support.bradyid.com/s/](https://support.bradyid.com/s/).

For repair or technical assistance, locate your regional Brady Technical Support office by going to:

- **United States:** [bradyid.com/techsupport](https://bradyid.com/techsupport)
- **Canada:** [bradycanada.ca/contact-us](https://bradycanada.ca/contact-us)
- **Mexico:** [bradyid.com.mx/es-mx/contacto](https://bradyid.com.mx/es-mx/contacto)
- **Latin America:** [bradylatinamerica.com/es-mx/soporte-técnico](https://bradylatinamerica.com/es-mx/soporte-técnico)
- **Europe:** [bradyeurope.com/services](https://bradyeurope.com/services)
- **Australia:** [bradyid.com.au/technical-support](https://bradyid.com.au/technical-support)
- **Asia Pacific:** [brady.co.uk/landing-pages/global-landing-page](https://brady.co.uk/landing-pages/global-landing-page)

### Registration Information

To register your printer go to:

- [bradycorp.com/register](https://bradycorp.com/register)

### Repair and Return

If for any reason you need to return the product for repair, please contact Brady Technical Support for repair and replacement information.

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# 1 Introduction

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The i7500 Label Printer includes the following features:

- Fast, high volume printing
- Complete supply changeover in less than 40 seconds
- Sturdy and rugged desktop construction
- Color touchscreen LCD display input
- Single-color job printing on 300 dpi or 600 dpi configurations, up to 4.49 in. (114 mm) wide and up to 60 in. (1.5 m) long
- Continuous and die-cut labels in a variety of high-performance materials
- Print labels from PC or store labels onto printer to print later

## System Specifications

- **Print Resolution:** 11.8 dots/mm for 300 dpi configurations, 23.6 dots/mm for 600 dpi configurations
- **Output label size:** 0.25 in. to 4.49 in. (6.4 mm to 114 mm)
- **Minimum/maximum label height (down web dimension):** 0.125 in. to 12.0 in. (3.18 mm to 305 mm)
- **Maximum label length** (continuous): 60 in. (1.5 m)
- **Maximum print speed:**
  - 300 dpi: up to 12 ips depending on label supply type
  - 600 dpi: up to 6 ips depending on label supply type
- Thermal and Direct Thermal Transfer printing
- i75-series smart label supplies automatically set heat, print speed and offsets
- No wasted labels from label calibration or trial and error print trials

## Physical and Environmental Characteristics

The i7500 Label Printer (standard configuration) has the following physical and environmental characteristics:

Physical	U.S. Units	Metric Units
Dimensions	21" L x 15" W x 11" H	530 x 372 x 291.5 mm
Weight (printer only)	39.7 lbs	18 kg

**Note:** Consumable performance may vary.

Environmental	Operation	Storage
Temperature (Printer)	50° to 104° F (10° to 40° C)	-4° to 122° F (-20° to 50° C)
Relative Humidity (Printer)	85% (non-condensing)	90% (non-condensing)



**CAUTION!** Avoid using the printer near water, in direct sunlight, or near a heating device.

### Proximity Range for Wi-Fi

The printer should be within the following distance from the router or device to pick up the Wi-Fi signal.

	Wi-Fi
Range	65 ft (19.8 m)

## 2 Setup

### Unpacking the Printer

Carefully unpack and inspect the printer surfaces (interior and exterior) and the labeling system for possible damage during shipping.

**Note:** Remove any transportation protection from around the display, the cover, and inside from around the yellow printhead lever and the printhead.

#### What's in the Box

Standard Tear Bar Configuration:

- i7500 Label Printer
- Standard serrated tear bar (installed)
- Power cord
- USB cable
- Brady WorkStation™ activation code (label creation software)
- T-20 wrench for accessory removal/attachment
- Stylus
- Quick Start Guide

Auto-Cutter Configuration also includes:

- Heavy duty auto cutter accessory (installed)
- Cut label collection tray
- No tear bar included

**Note:** Please keep the original packaging, including the box, in case the printer must be returned.



#### Registration

To receive free product support and updates, register your printer online at [www.bradycorp.com/register](http://www.bradycorp.com/register) or open the Help screen, scroll to and select Warranty Registration and scan the QR code.

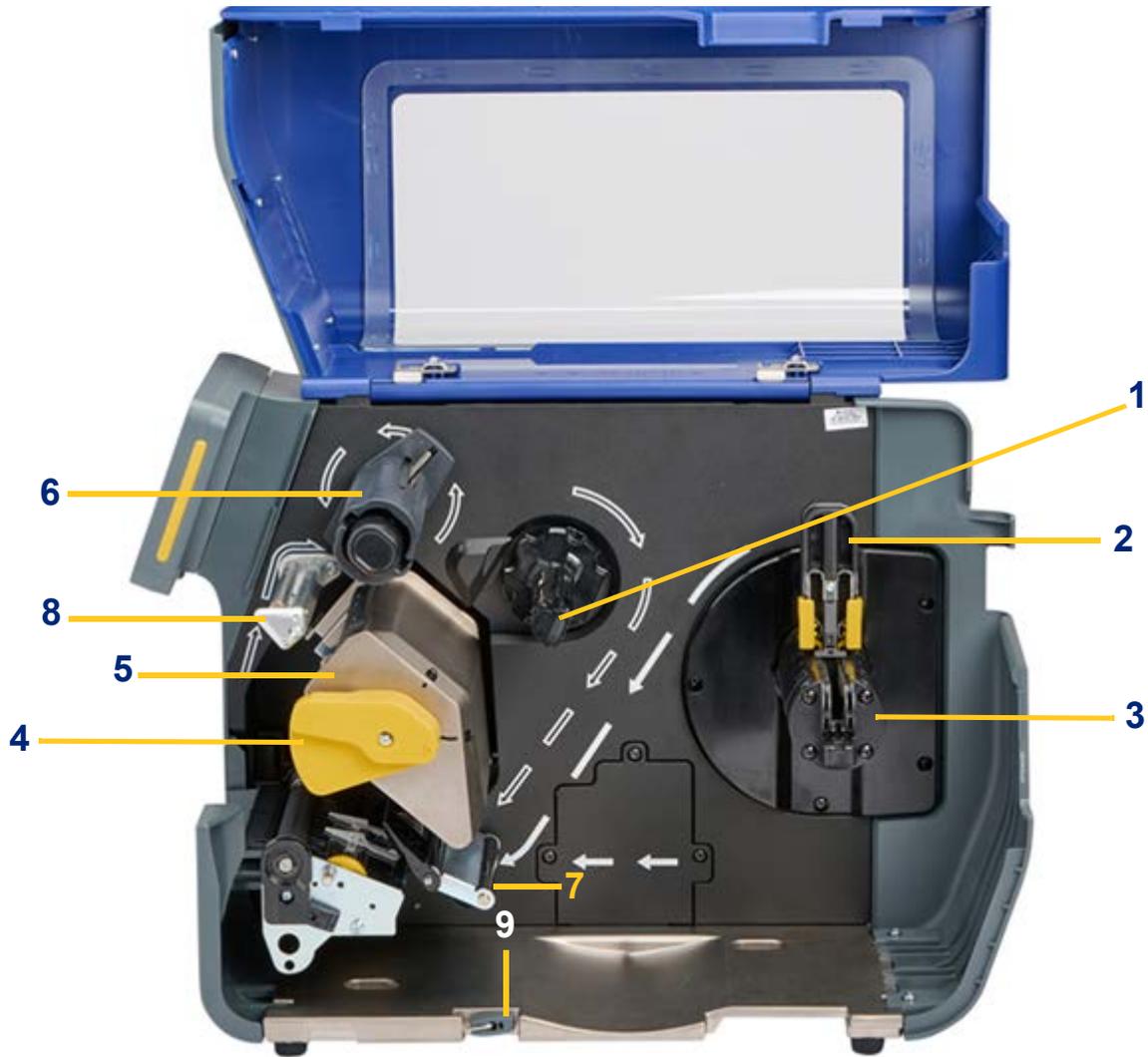
# Printer Components

## Exterior



- |   |                          |    |                               |
|---|--------------------------|----|-------------------------------|
| 1 | Touchscreen display      | 7  | USB-B port (to computer)      |
| 2 | USB drive port           | 8  | Ethernet port                 |
| 3 | Accessory port cover     | 9  | Power switch                  |
| 4 | Label exit chute cover   | 10 | AC power cord port            |
| 5 | External label feed slot | 11 | I/O port (optional accessory) |
| 6 | USB-A ports              | 12 | Stylus                        |

**Interior**



- |   |                             |   |                                 |
|---|-----------------------------|---|---------------------------------|
| 1 | Ribbon Supply Spindle       | 6 | Ribbon Take-Up Spindle          |
| 2 | Label Roll Centering Flange | 7 | Label Supply Tension Dancer Bar |
| 3 | Label Roll Hanger           | 8 | Anti-Wrinkle Ribbon Roller      |
| 4 | Locking Lever for Printhead | 9 | T-20 Wrench                     |
| 5 | Printhead                   |   |                                 |

## Power

The printer is equipped with a universal power supply and can be operated with a voltage of 100 to 240 V~, 50- to 60 Hz. The printer senses the voltage type and automatically adjusts for the power source.

### Setup

#### To connect power and turn on the printer:

1. Plug the power cord into the printer on the back of the printer. Plug the other end of the power cord into an AC power outlet.
2. Turn the power switch on. The printer turns on and displays the home screen. The first time you turn on the printer it walks you through configuring the settings. Follow the instructions on the touchscreen.

### Power Save Mode

When the printer is plugged in, you can leave it in a state of readiness all the time so that software can find the printer. Or you can choose to conserve power so that the printer automatically goes to sleep after a period of inactivity.

When the system is asleep the display turns off and the system goes into a low power consumption state but does not require a cold start to turn back on. In this state, you can touch the screen to return the system to the same state it was in before going into lower power consumption mode.

#### To set the inactive period:

1. Make sure the printer is turned on.
2. Tap **Settings**.
3. Tap **System Configuration > Power Save Mode**.
4. Choose **AC Power**.
5. Slide the time indicator dot left (decrease) or right (increase) for the amount of inactive time that can elapse before the printer automatically shuts down. Alternatively you can press the minus (-) button to decrease or the plus (+) button to increase the time.
6. Return to the home screen.

### Reboot the Printer

Use the power switch on the back of the printer to reboot. The system performs the initialization process and starts the printer. When the home screen displays, you can continue with your label activities.

## Software for Creating Labels

Install labeling software on your computer, set up the connection to the printer, then use the software to design labels and send them to the printer.

Brady Workstation software provides a variety of apps to simplify label design and printing for Product, Wire, Laboratory, and general purpose labeling. When i75-series smart labels are installed in the printer, Brady Workstation auto-detects the installed label roll and automatically configures the part with one click. The printer comes with a free license for the Brady Workstation Product & Wire ID Suite.

### To install the Product & Wire Identification Suite:

1. Make sure your computer is connected to the Internet.
2. Go to [workstation.bradyyid.com/PWID](http://workstation.bradyyid.com/PWID).
3. Follow the instructions on the screen to download and install the software.
4. When you run the software and open an app that requires activation, follow the instructions on the screen to activate the software. Use the license ID and password on the printed insert that came with the printer.

For other Brady Workstation software or additional licenses, go to [www.workstation.bradyyid.com](http://www.workstation.bradyyid.com) or contact your Brady representative.

## Connecting the Printer

### Printer Name

The printer name is displayed when a computer searches for the printer on a Wi-Fi connection. If a name is not created for the printer, the default name is the serial number.

### To change the printer name:

1. With the printer turned on, tap **Settings**.
2. Tap **Connection**, and then **Printer Name**.  
The printer name can only contain the characters A-Z, a-z, 0-9, and -. Regardless of the keyboards you have enabled for your printer, the printer displays a keyboard with the allowed characters.
3. Use the keyboard on the touchscreen to type a name for the printer.
4. When finished tap the enter key on the keyboard.

When using Brady Workstation software on Wi-Fi, this name is shown when selecting a printer.

Connect to a computer in one or more of the following ways:

- Ethernet<sup>®</sup> network. This method allows multiple computers to send label files to the printer. See [Ethernet Network on page 8](#).
- Wi-Fi<sup>®</sup> wireless network (depending on your printer configuration). See [Wi-Fi on page 9](#).
- Directly with a USB cable. See [USB on page 10](#).

## Ethernet Network

This section describes how to configure the printer to communicate via an Ethernet (TCP/IP) connection.

**Note:** If using a Windows driver (see [Installing the Printer Driver \(Optional\) on page 11](#)) it is best to configure the Ethernet connection before installing the driver. If the driver is already installed before configuring the Ethernet connection, you may need to edit the port settings for the printer in Windows to update the IP address.

### To configure Ethernet network settings:

1. On the home screen tap **Settings**.
  2. Tap **Connection**.
  3. Tap **Advanced Network Settings**.
  4. Tap **Ethernet**.
  5. Tap **IP Settings**, and then choose either DHCP or Static.
    - **DHCP:** DHCP addressing is dynamic and the system uses a DNS server in the printer IP address for you. No additional fields need to be entered.
    - **Static:** For static addressing, you must supply the printer's IP address. First, tap the back button. Press the back arrow to return to the Ethernet screen, then fill in the following information. You may need to get assistance from your network administrator.
      - **IP Address:** Enter the printer's IP address.
      - **Subnet Mask:** Enter a subnet mask if you are using one.
      - **Default Gateway:** Enter the IP address of the default gateway.
      - **DNS Server (Primary):** Enter the IP address of the primary DNS server.
      - **DNS Server (Secondary):** Enter the IP address of the secondary DNS server.
- IMPORTANT!** If no DNS server is being used, enter 0.0.0.0 for both the primary and secondary DNS servers.
6. Tap the back button to return to the Advanced Network Settings screen in order for the fields entered to take effect.

## Wi-Fi

Connect to a Wi-Fi network either by searching for and selecting a network or by manually entering the network settings. Once connected, the printer can communicate with computers on that network.

**Note:** Wi-Fi capability is not available on all printers or in all countries.

**IMPORTANT!** Before configuring the Wi-Fi connection on an enterprise network, be sure the printer is set to the current date and time. The printer may not be able to establish the connection if the date and time is not current. See [Date and Time on page 21](#).

### *Search to Connect*

#### **To connect to a Wi-Fi wireless network:**

1. Make sure the printer is turned on.
2. Tap **Settings**.
3. Tap **Connection**.
4. Tap **Wi-Fi Network**.
5. Tap the switch to enable Wi-Fi.  
If the switch is gray, it is off. If the switch is blue, it is on.  
The printer searches for Wi-Fi networks and displays a list of networks found.
6. Touch and drag to scroll the list.
7. Tap the network that you want to use.
  - If the network is not locked, simply tap it and the printer connects to it.
  - If the network is locked, as indicated by a lock symbol, tap the network and a key pad opens. Enter the password and tap the Enter icon.
  - If the network you need is not in the list, it may not be discoverable. Scroll to the bottom of the list and tap **Other**. Choose either **Personal Network** or **Enterprise Network**. The system displays settings appropriate to your selection. You may need information from your IT department to complete the settings.

### *Manually Enter Wi-Fi Settings*

Use this method for networks that are hidden.

#### **To connect to a Wi-Fi wireless network:**

1. Make sure the printer is turned on.
2. Tap **Settings**.
3. Tap **Connection**.
4. Tap **Advanced Network Settings**.
5. Select **Wi-Fi** from the list.
6. Tap **IP Settings** and then tap one of the following.
  - **DHCP:** DHCP addressing is dynamic and the system uses a DNS server to obtain the printer IP address for you.
  - **Static:** Select static addressing to manually enter the printer's IP address.

7. Tap the back button to return to the Wi-Fi screen.
8. Fill in the remaining available settings with help from your network administrator.
9. Tap home.

## USB

To connect to a computer via USB 2.0, plug the provided USB cable\* into the printer and the computer. Brady Workstation software automatically detects the printer when connected via USB cable.



**Note:** If you are not using Brady Workstation software, you must install the printer driver which is available online at <https://www.Bradyid.com/support/printer/i7500>.

## USB Mass Storage

When the USB Mass Storage is disabled the printer will not be able to access the contents on any inserted USB Drive.

### To turn mass storage on or off:

1. Make sure the printer is turned on.
2. Tap **Settings**.
3. Tap **Connection**.
4. Tap **USB Mass Storage**.
5. Tap the switch to change the setting.  
If the switch is gray, it is off. If the switch is blue, it is on.

## Installing the Printer Driver (Optional)

If you are using Brady Workstation software, you generally do not need to install the printer driver. The exception being the Data Automation app within Brady Workstation does require the printer driver to be installed. If connecting the printer using an Ethernet connection, it is best to configure the connection before installing the driver (see [Ethernet Network on page 8](#)).

The printer driver can be downloaded from [BradyID.com](#).

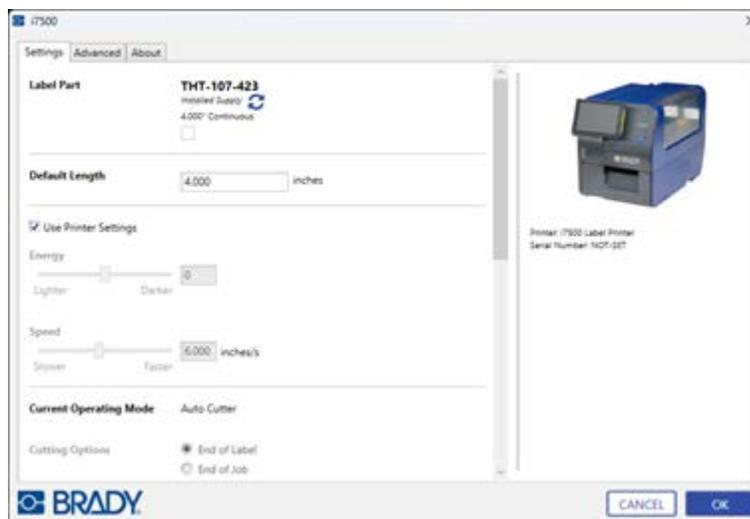
1. Turn on the printer, but **do not physically connect it to the computer until prompted**.
2. Navigate to where you saved the printer driver folder and double-click on it.
3. Double-click on the printer driver executable file and follow the on-screen instructions.

### Printer Driver Settings

Settings in the driver will NOT be applied to new or existing Brady Workstation labels (unless printing through Data Automation). Existing labels saved in Brady Workstation will not be affected since the preferences are saved with the label. Only labels printed through the driver will be affected by changing these settings.

#### To find Printer Driver Settings:

1. Click the **Start** button on the computer.
2. Choose **Settings**.
3. Click on **Devices**, then **Printers & Scanners**.
4. Scroll through **Printers and Scanners** and click on **i7500**.
5. Click the **Manage** button.
6. Click **Printing Preferences**.

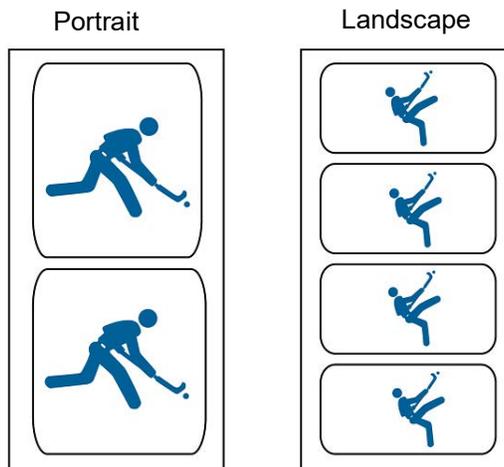


**Note:** Most applications allow you to change these same printer driver options from their “Print” screens. The settings you apply in printing preferences will remain until they are changed. If there are multiple i7500 printers, setting the preferences in one does not apply to all.

## Orientation

Under Page Layout, there are two settings for orientation - portrait and landscape. If your text and graphics print left to right or as shown on the screen, select portrait. If you wish your printing to rotate 90 or 180 degrees from what you see on the screen, so it is printing horizontally, select landscape as your orientation.

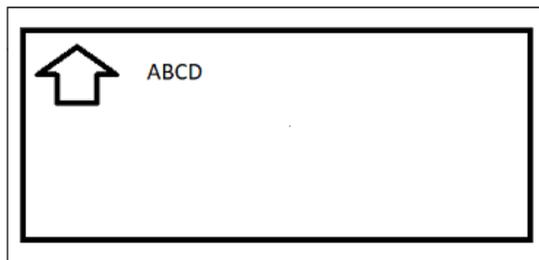
Remember, this does not change the width and height in the paper size setting. It is only a tool for viewing a label upright on screen that will be printed sideways on the printer.



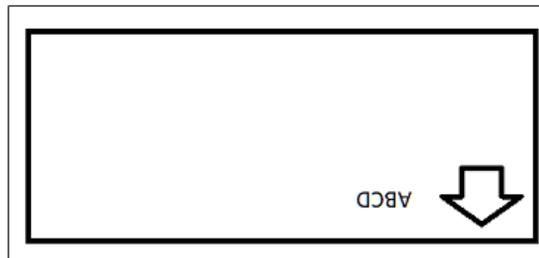
## Rotation

Use to rotate the print.

### Sample Not Rotated



### Sample Rotated



## **Mirror Print**

Print labels suitable for reading in a mirror or through the back of the label. For example, use this if printing on a clear label supply that will be applied to glass so that the label will be readable from the other side of the glass.

## **Printing from Other Programs**

Since this printer uses a standard Windows printer driver you can print from any application you would like. The driver communicates with the printer to know what label size is being used. Therefore, any file sent to the printer will automatically be re-sized to fit the installed labels.

# Installing or Changing Supplies

The i7500 Label Printer has three modes for using labels and ribbons:

## Smart Mode

When an i75-series label roll and i75-series ribbon are used with the printer, many settings and adjustments are fully automated to save time, reduce confusion and eliminate wasted labels and trial and error printing. Smart Mode printing offers the following advantages:

- Ribbons cannot be loaded with ink facing the wrong way and are automatically center-align.
- Part size is automatically detected eliminating wasted blank labels.
- Print speed and print heat are automatically set to achieve correct print quality on the first label.
- Sensor automatically moves to correct location over notch or gap.
- Sensor “mode” is automatically set to gap, notch or continuous based on installed material type.
- Printhead pressure is automatically set for the installed material.
- Warning is displayed if the incorrect ribbon is loaded for the installed label material.
- Part numbers for the installed materials and approximate amount remaining are displayed.

If using Brady Workstation Software, the installed label is detected and with one-click the size and layout is opened in the software for fast label creation without searching through part lists or “setting up” the layout.

## Manual Mode

When non-i75-series manual label and ribbon rolls are used with the printer, the printer defaults to operate as a thermal transfer printer with traditional setup and changeovers where the user manually selects, sets up, and adjusts settings and tests for desired print output quality. Additionally, the user must determine the correct ribbon ink formula for use with the installed labels.

In Manual Mode printing the printer display does not show the part numbers installed or the amount remaining.

The user must do the following:

1. Determine ink side of the ribbon and ensure roll is not accidentally loaded with ink facing the printhead.
2. Visually center-align ribbons.
3. Feed out wasted blank labels to “teach” the sensor the label size.
4. Set print speed ([Print Speed on page 40](#)) and print heat ([Print Energy on page 40](#)) and do trial prints to achieve correct print quality.
5. Know the label type ([page 44](#)) installed and set the sensor “mode” to notch, gap, continuous or black mark.
6. Move the sensor to the correct place over a notch or gap. See [Label Sensor Position on page 44](#).
7. Set printhead pressure ([page 41](#)) for the installed material.

## Partial Smart Mode

When a combination of i75-series smart labels or ribbon and manual labels or ribbon are used with the printer, some settings are still automated and others now need to be set by the user.

### ***i75-series Labels and Manual Ribbon***

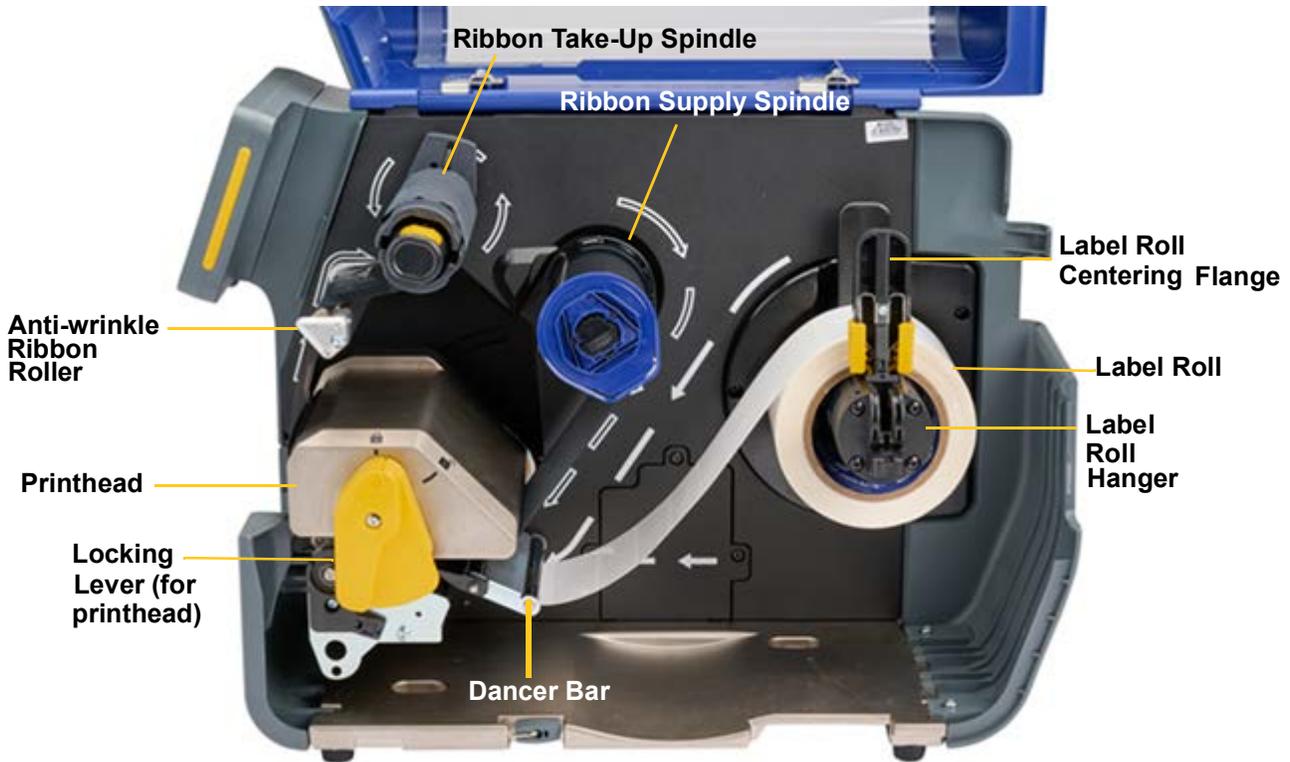
- User must determine ink side of ribbon and ensure roll is not accidentally loaded with ink facing the printhead.
- User must visually center-align ribbon.
- No need to feed out wasted blank labels because part size is automatically detected.
- Print speed and print heat are automatically set for the installed Brady i75-series label material, however some fine-tune adjustments may be needed due to the manual ribbon.
- Sensor automatically detects type of label (notch, gap, continuous, or black mark) and moves to correct location.
- Printhead pressure is automatically set for the installed labels.
- No warning displayed if the incorrect ribbon is loaded for the installed label material.
- Display shows the label part number with approximate amount remaining, but no information about the ribbon.

If using Brady Workstation Software, the installed label is detected and with one-click the size and layout is opened in the software for fast label creation without searching through part lists or “setting up” the layout.

### ***Manual Labels and i75-series Ribbon***

- Ribbons cannot be loaded with ink facing the wrong way and are automatically center-align.
- User feeds out wasted blank labels to “teach” the sensor the label size.
- User must set print speed and print heat and do trial prints to achieve correct print quality.
- User must set the sensor “mode” to notch, gap, continuous, or black mark, depending on the type of labels installed.
- User must move the sensor to the correct place over a notch or gap.
- User must know which ribbon ink formula is correct for the installed label material.
- Display shows installed ribbon part and approximate amount remaining, but no information about installed labels.

## Loading Labels and Ribbon



**IMPORTANT!** Before installing labels, confirm that the leading edge is cleanly cut straight across. This ensures proper alignment of the labels for accurate printing.

Depending on the printing mode being used, you will need to install the tear plate (see [Tear Plate on page 59](#)) or auto cutter (see [Auto Cutter on page 60](#)).

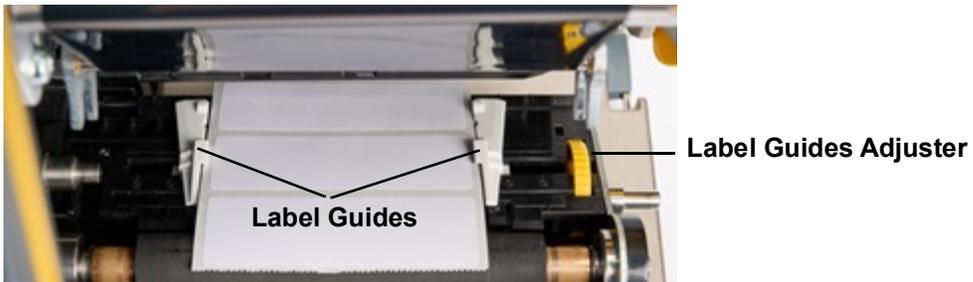
1. Open the locking lever to lift up the printhead.
2. Lower the label roll centering flange and place label roll onto label roll hanger taking note of the white arrows that indicate the direction of label feed off of the roll into the print path.
3. Push the label roll centering flange back up and in against the label roll until roll is centered.
4. Feed labels into print path:

### If loading i75-series smart labels

- The printer display will show “Brady material roll detected.” If this does not display, then remove label roll and replace back onto the label roll hanger until the auto-detection message displays.
- Route the labels under the dancer bar, forward beneath the printhead, and through the two gray label guides stopping the material with the leading edge in the center of the black rubber print roller. Do **not** feed short of the roller or past the roller.
- Roll the yellow label guide adjuster wheel to narrow the label guides until the guides just touch the edges of the label.
- Leave the printhead open and proceed to step 5 for loading the ribbon.

**If loading Manual (non-i75-series) labels**

- The printer display will show a sensor adjustment slider (shown below).
- Route the labels under the dancer bar, forward beneath the printhead, and through the two gray label guides stopping the material with the leading edge in the center of the black rubber print roller. Do **not** feed short of the roller or past the roller.
- Roll the yellow label guide adjuster wheel to narrow the label guides until the guides just touch the edges of the label.
- Move the optical sensor using the slider and arrow buttons on the screen. Press, hold and slide the yellow slider to make large movements or tap the arrows for minor movements.
- Move the sensor light to rest directly over the notch location for notched labels or in the middle of the label for gapped.
- Leave the printhead open and proceed to step 5 for loading the ribbon.



 **Label Sensor Position**



**IMPORTANT!** Do not use a ribbon if using Direct Thermal labels.

5. Load ribbon onto ribbon supply spindle.

**Note:** If loading the ribbon from the front of the printer, slide the touchscreen left for better access.

**If loading i75-series smart ribbon**

- Ensure the spring-loaded shaft on the ribbon take-up spindle is pushed all the way in and locked in place with a “click.”
- Position the black end-cap of the ribbon cartridge against the end of the ribbon supply spindle aligning the flat dimension of the hole in the end-cap with the flat dimension in the end of the spindle.

- Slide the cartridge onto the spindle until it stops.
- The ribbon is automatically centered with the ink correctly facing the label.
- Pull ribbon material off the roll and feed into the ribbon pathway following the white outline arrows shown on the printer.
- Feed the ribbon under the printhead, out the front and then upward over the anti-wrinkle roller, then back again underneath and counter-clockwise onto the ribbon take-up spindle, tucking the ribbon under the metal tab on the take-up spindle.
- Rotate the ribbon take-up spindle clockwise several turns to ensure ribbon is pulling through and until any wrinkles in the ribbon are gone.

**If loading Manual (non-i75-series) ribbon**

- Ensure the spring-loaded shaft on the ribbon take-up spindle is pushed all the way in and locked in place with a “click.”
- Confirm the correct ribbon ink formulation is being used with the installed label material.
- Make sure the ink side of the ribbon will face downward against the label once installed.
- Slide ribbon roll onto the spindle and visually check to be sure it is centered on the spindle and centered over the labels.
- Pull ribbon material off the roll and feed into the ribbon pathway following the white outline arrows shown on the printer.
- Feed the ribbon under the printhead, out the front and then upward over the anti-wrinkle roller, then back again underneath and counter-clockwise onto the ribbon take-up spindle, tucking the ribbon under the metal tab on the take-up spindle.
- Rotate the ribbon take-up spindle clockwise several turns to ensure ribbon is pulling through and until any wrinkles in the ribbon are gone.

**IMPORTANT!** Direct thermal labels do not require a ribbon - remove any ribbon before proceeding to next step.

6. Close and lock the printhead.  
When you hear it click it is locked in place. If not, press down until locked.
7. Close the blue cover.

Depending on the labels installed, the printer is either ready to print or will need to be calibrated.

**If using i75-series smart labels and i75-series smart ribbon**

- No calibration (feeding out blank labels) is required. Send the print job to the printer.

**If using i75-series smart labels and manual ribbon**

- No calibration (feeding out blank labels) is required. Send the print job to the printer.
- Because a manual (non i75-series) ribbon is being used, minor adjustments to print speed and heat may be required to achieve desired print quality.
  - If print quality needs to be adjusted – go to **Settings > Print Adjustments** to change print speed, print energy and printhead pressure. Repeat as necessary to achieve desired output quality.

**If using manual (non-i75-series) labels and either type of ribbon**

- Set the optical sensor “mode” – go to **Settings > Print Adjustments > Label Roll Type** and set to one of these for the installed label type:
  - Notch
  - Gap
  - Continuous
  - Black Mark

You are ready to print

- If print quality needs to be adjusted – go to **Settings > Print Adjustments** to change print speed, print energy, print position offsets, printhead pressure and other settings. Repeat as necessary to achieve desired output quality.

## Printer Settings

The first time you turn on the printer, instructions on the touchscreen walk you through the settings that must be configured the first time you use the printer. The following sections detail these settings should you need to change them in the future, and provide instruction on a few additional settings to consider when setting up the printer.

For an introduction to using the touchscreen, see [Touchscreen on page 25](#). For print settings see [Print Adjustments on page 39](#).

For information on power save mode, see [Power Save Mode on page 6](#).

### Language

**To set the language for text on the touchscreen:**

1. With the printer turned on, tap **Settings**.
2. Tap **System Configuration**, then **Language**.
3. Tap the desired language. You may need to scroll to see all available languages. Touch the screen and drag your finger up or down to scroll.
4. Tap the back arrow to go back to the previous screen.

### Keyboards

The printer displays a keyboard on the screen when you have to type data, such as when you name the printer. Because different languages use different sets of characters, you may need keyboards with different character sets. By default the printer uses the appropriate keyboard for the language setting. For example, if the printer language is set to Simplified Chinese, the printer will automatically display a keyboard with Simplified Chinese characters. If you only want to use the default keyboard, you do not need to change any keyboard settings.

**To select a virtual keyboard:**

1. From the home screen, tap **Settings**.
2. Tap **System Configuration**, then **Virtual Keyboard**.  
A list of supported keyboards is displayed.
3. Tap the check box for each keyboard that you want to have available when using the printer. You can select multiple keyboards. The default keyboard (that for the printer language) is shown at the top of the list and cannot be deselected.  
When you use the keyboard later, the default keyboard is shown. Tap the globe icon to switch to a different enabled keyboard. Each time you tap the globe icon, the display switches to another enabled keyboard.

**To connect an external keyboard:**

1. Plug the keyboard's USB cable into the USB port on the printer.
2. On the home screen tap **Settings**.
3. Select **External Hardware**.
4. Select **USB Keyboard** then choose the appropriate type of keyboard from the list.

## Units of Measure

Set the unit of measure to inches or millimeters.

**To set the unit of measure:**

1. From the home screen, tap **Settings**.
2. Tap **System Configuration**, then **Measurement Units**.
3. Tap either **Inches** or **Millimeters**.
4. Tap the back arrow to go back to the previous screen or the home icon.

## Date and Time

Set the printer's clock to the current date and time.

**To set the date and time:**

1. From the home screen, tap **Settings**.
2. Tap **System Configuration**, then **Date and Time**.  
The left side of the screen displays the current settings.
3. To change the settings, tap the controls on the right.
  - **Use 24-hour format:** Tap the switch to change between 24-hour format and 12-hour format with AM and PM. When the switch is red, the printer uses 12-hour format. When the switch is green, the printer uses 24-hour format.
  - **Set date:** Tap to display date controls. To change the date, either tap on an element and select a new value, or tap the arrows above or below an element.
  - **Set time:** Tap to display time controls. To change the time, either tap on an element and select a new value, or tap the arrows above or below an element.
  - **Set time zone:** Tap to display the different time zones available. Tap the time zone desired.
4. Tap the back arrow to go back to the previous screen or the home icon.

## Storage Location

Choose whether the printer accesses files from memory or from a USB drive.

### To set the storage Location:

1. From the home screen, tap **Settings**.
2. Tap **System Configuration**, then **Storage Location**.
3. Tap the desired value.
  - **Internal Memory:** Choose this option if the printer is directly connected to the computer with a USB cable or on a network. When you print a label from Brady Workstation software and choose the Store option, the print file is sent to the printer's internal memory. When you tap Files on the home screen, the printer accesses the list of files from internal memory.
  - **External Storage:** Choose this option when transferring files from one i7500 Label Printer to another. Insert a USB drive into the USB port on the printer. When you print a label from Brady Workstation software, the print file is sent to the USB drive. When you tap Files on the home screen, the printer accesses the list of files from the USB drive.
4. Tap the back arrow to go back to the previous screen or the home icon.

## Password

### Setting

Setting a password allows you to block access to changing settings on the printer.

### To set a password:

1. From the home screen, tap **Settings**.
2. Tap **Printer Password**.
3. Tap the switch to change enable a password.  
If the switch is gray, it is off. If the switch is blue, it is on.
4. Tap **Set Printer Password**.
5. Enter the password, which must be 8 characters and contain at least:
  - a number
  - an uppercase letter
  - a lowercase letter
6. Tap the enter key on the virtual keyboard.
7. Re-enter the password and tap the enter key on the virtual keyboard.
8. Tap **Advanced Settings** and choose which settings will need a password to be changed.

## Changing

### To change an existing password:

1. From the home screen, tap **Settings**.
2. Tap **Printer Password**.
3. Tap **Set Printer Password**.
4. Enter the existing password and tap the enter key on the virtual keyboard.
5. Enter a new password, which must be 8 characters and contain at least:
  - a number
  - an uppercase letter
  - a lowercase letter
6. Enter the new password a second time to confirm it.
7. Tap the enter key on the virtual keyboard.

## Re-setting

### To re-set a forgotten password:

1. From the home screen, tap **Settings**.
2. Tap **Printer Password**.
3. Tap **Forgot Password**.
4. Call Technical Support (see [Contact Information on page iv](#)).
5. Type in the Printer Key provided by Technical Support.
6. Create a new password, which must be 8 characters and contain at least:
  - a number
  - an uppercase letter
  - a lowercase letter
7. Enter the new password a second time to confirm it.
8. Tap the enter key on the virtual keyboard.

## Notifications

Use this to suppress certain warnings on the printer.

### To turn notifications off or on:

1. From the home screen, tap **Settings**.
2. Tap **Notifications**.
3. Tap the switch next to your desired selection(s) to enable or disable.  
If the switch is gray, it is off. If the switch is blue, it is on.

## Accessories

### Standard and Cutter Configuration Printers

- **Printhead**
  - Available DPI - 300 and 600
  - Printhead can be replaced with either dpi with no calibration or firmware update required
- **Auto Cutters**
  - Heavy Duty Guillotine Auto Cutter - full cut-through of label media
  - Perforation Cutter - can be set to partial cut-through so that the output strip of labels remains intact, but are easily separated, or set to full cut-through after each label
  - Cutters attach to the standard configuration printer easily by using the on-board T-20 wrench
  - Cutters are not compatible with the peel configuration printer
- **Cutter Tray (replacement)**
  - For collection of cut labels - clips into slots on front of the auto cutter accessory
  - Cutter tray comes with the configuration printer and guillotine auto cutter accessory
- **Tear Plate (replacement for standard configuration printer only)**
  - Serrated Edge - tears through the paper liner between labels and through continuous paper labels (not recommended for thick stock liners, non-paper liners, or continuous non-paper labels)
  - Attaches easily to printer using the on-board T-20 wrench
  - Not meant to be used in conjunction with any auto cutter accessories
  - Tear plate comes with the standard configuration printer
- **T-20 Wrench (replacement)**
  - Comes standard with all printers and is located conveniently inside the printer
  - Use to attach or remove accessories, as well as to remove the rear housing in certain external-feed applications.
- **I/O Port**
  - Optional accessory used for transferring data to and from an external device
  - Attaches on the rear of the printer using the on-board T-20 wrench
- **Platen Rollers**
  - Choose from 25, 50, 80 and 114mm widths (all printers ship with 114mm installed)
  - Replacing a worn or damaged platen roller improves print quality and reduces the need to increase the print energy (heat applied to printhead)
  - Using a narrow platen roller with narrow ribbons on narrow labels reduces printhead wear
  - Always ensure the platen roller is wider than the label and ribbon width
  - Easily remove and install the platen roller using the on-board T-20 wrench

# 3 General Operation

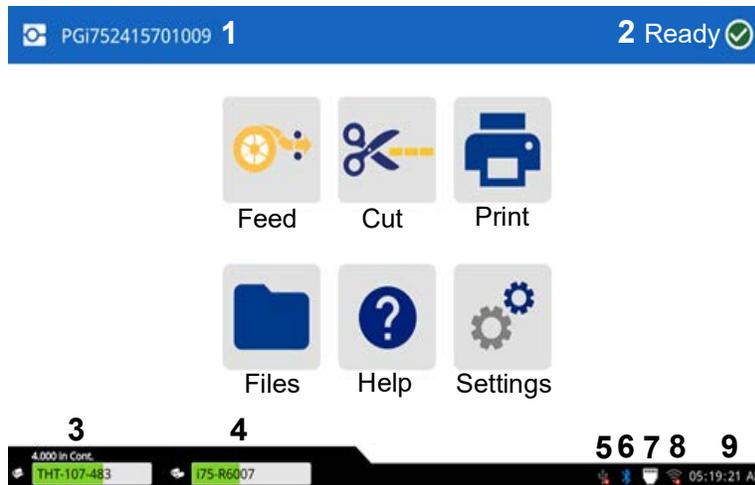
## Touchscreen

Use the printer's touchscreen to configure settings, check status, and print labels, among other functions. Touch the screen with your finger to make a selection.

**IMPORTANT!** Do not use a pen or other sharp object. Doing so may damage the touchscreen surface. A stylus has been provided for use on the touchscreen (replacement part number STYLUS-CAP); be sure to use only the soft rubber end.

**To change the brightness:**

1. On the home screen tap **Settings**.
2. Tap **Display**.
3. Tap **Adjust Brightness**.
4. Use the slider or the plus and minus buttons to increase or decrease the brightness.



**Note:** The cut button is only shown when the cutter is installed.

- |   |  |   |  |
|---|--|---|--|
| 1 | Printer name (default is the serial number) will include 300 or 600 for the type of printhead installed. | 6 | Bluetooth, available on specific models    |
| 2 | Printer status   | 7 | Ethernet Connection                        |
| 3 | Label supply status, size and part number  | 8 | Wi-Fi status, available on specific models |
| 4 | Ribbon supply status, size and part number   | 9 | Clock                                      |
| 5 | USB Connection   |   |  |

## Navigation and Status Bar



Tap the home button at any time to return to the home screen.



Tap the back button to go back to the previous screen.



Tap the more menu for additional options (not available on all screens).



Tap the enter button to confirm your selection.



Tap to delete.



Reset to default (not available on all screens).

The printer and material status icons in the status bar at the bottom of the home screen provide the following information.

Icon	Meaning
	<p>The text beside these icons indicate the label and ribbon material installed in the printer (when i-75 series materials are used).</p>
	<p>The printer cannot read the memory cell on the label or ribbon when using i75-series smart materials. Labels or ribbon may not be installed, may be installed incorrectly, or the memory cell may be corrupted.</p>
 blinking	<p>The printer is receiving data from a computer connected with a USB cable or from the network.</p>

## Material Details

To see detailed information about the installed i75-series smart supplies, tap the label or ribbon part number in the status bar to open the Material Details screen. No information will be available for manual supplies.

To close the screen, tap the x in the upper right corner.

### *i75-series Labels i75-series Ribbon*



### *i75-series Labels Manual Ribbon*



### *Manual Labels i75-series Ribbon*



### *Manual Labels Manual Ribbon*



## Creating Labels

### Brady Workstation

The i7500 Label Printer is compatible with Brady Workstation desktop software. When you first create a label file, you specify the printer. This allows the software to provide features specific to your printer. Also, the software automatically recognizes all i75-series smart labels installed in the printer, making label creation easier and faster. No driver installation is required.

For operation of the printer with other software, refer to the documentation for your application. The printer driver is required if using third-party software. See [Installing the Printer Driver \(Optional\)](#) on page 11.

## Storing Files on the Printer

Using Brady Workstation software, you can either send files to be printed immediately or store them on the printer to be printed when needed, right from the printer display, even if the operator does not have access to Brady Workstation. See [Printing Jobs Stored on the Printer on page 31](#).

### To store files on the printer:

1. Make sure the printer is connected to the computer with the USB cable.
2. On the printer, set the storage location setting to **Internal Memory**.  
For instructions, see [Storage Location on page 22](#).
3. In Brady Workstation software, open the file and go to the print screen and make any adjustments to quantity, collation, etc.

**Note:** When connected to the i7500 printer, the software provides options to either print the file immediately from the PC or to store onto the printer for later printing from the printer screen. The large blue PRINT / STORE button, in the lower right corner of the software, is used to toggle between these two options.

4. Choose the option to STORE on printer by using the small arrow next to the PRINT button to select store on printer.
5. Touch the STORE button and provide a filename when prompted.

**Note:** If any print settings are locked when the file is saved in BWS the corresponding settings in the printer will be grayed out.

### To store files on multiple printers:

Connect the computer running Brady Workstation to each printer in turn, following the steps above to store files on the printer. This cannot be done using a USB drive.

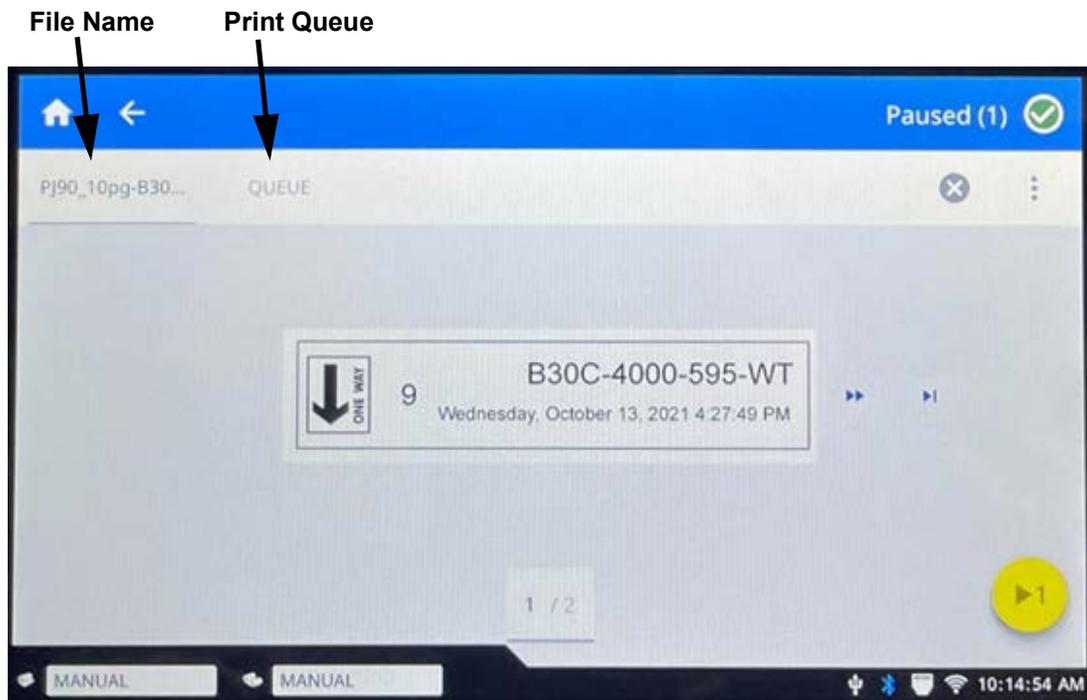
### To delete a file stored in the printer's internal memory:

1. Be sure the storage location on the printer is set to Internal Memory.  
For instructions see [Storage Location on page 22](#).
2. On the home screen on the printer, tap **Files**.
3. Find the file that you want to delete.  
See [File List on page 36](#).
4. Tap the file to select it and then tap the more menu button in the upper right of the screen.
5. Delete the file.

## Print Screen

The print screen is displayed while a file is printing.

When printing starts, the touch screen displays an image of the label being printed, a counter, and a pause button. More options are available when printing is paused, as shown below.



**CAUTION!** When in Smart Mode, if the wrong type of label for the file is in the printer, a message is displayed. Use caution when overriding this warning message. The label size or type loaded in the printer may not be appropriate for the print file and will generate scrap.

The following table describes the controls and information on the touch screen when a print job is running or paused.

Icon	Description
	Goes to the next label. (Not available if the print file contains only one label.)
	Goes to the previous label. (Not available if the print file contains only one label.)
	Goes to the last label in the file. (Not available if the print file contains only one label.)
	Goes to the first label in the file. (Not available if the print file contains only one label.)
	Print. Start or resume printing.
	<p>Pause printing. The job will stop and will not cut immediately. The cover can be opened and as long as the printhead is not lifted the print job can be resumed.</p> <p>This can be used to feed or feed-n-cut the current label and resume the next label for die cut.</p> <p>Or you can feed or feed-n-cut the current label by 2 inches (50mm) for resume on continuous labels.</p> <p>It will advance to next label and cut.</p> <p>When the printhead is lifted to replace ribbon, printer loses registration and the current label will be cut.</p>
label number	Displays the current position in the label file as well as the total number of labels. Tap the current label number (within a rectangle) to jump to a particular label. A keypad opens. Tap the label number on the keypad and then tap the enter button.
	Cancel. Only available when printing is paused.
	More Menu. Provides a control to turn on the print on demand feature for the current print job only. For a description of the feature see <a href="#">Print on Demand on page 41</a> .
	<p>The File info icon is only visible when a single file is selected. Tap it to display file information which consists of the following.</p> <ul style="list-style-type: none"> <li>• An image of the first label in the file.</li> <li>• The label type for which the file was created.</li> <li>• The size of the label.</li> <li>• The number of labels in the file.</li> <li>• The date the file was created.</li> <li>• The size of the file in bytes.</li> </ul> <p>You can also delete or print the file from the information screen.</p>

## Printing Labels

As you print labels, keep the following in mind:

- The printer cuts between label rows or at the end of the job, according to the selected cut settings. See [Cut Automatically on page 41](#).
- If there is no label or ribbon installed, printing does not start and you will be prompted to install the supplies.
- If you open the printhead during the print operation, printing is paused and a message prompts you to close the cover. Tap the play button on the print screen to resume printing.
- Labels should be removed immediately after printing.

### Printing from Software

The simplest printing scenario is to initiate printing in Brady Workstation software and all the labels in the file print immediately.

#### To print:

1. Make sure Print on Demand is set to the desired state on the printer. See [Print on Demand on page 41](#).
2. Open the label file in Brady Workstation software and initiate printing.
  - **With Print on Demand OFF:** All labels in the file print without input from an operator.
  - **With Print on Demand ON:** The printer displays the labels to be printed. The operator must tap the print button on the touchscreen to print each individual label in the file. For help using the touchscreen during printing see [Print Screen on page 29](#).

### Printing Jobs Stored on the Printer

This method is very efficient for files that get printed frequently with no edits to content or quantity. It is also ideal when you need to prevent label content from being changed. However, print settings for Brady Workstation files, denoted by the Brady icon, can be changed.

#### To print a job stored in internal memory:

1. Be sure the storage location on the printer is set to Internal Memory.  
For instructions see [Storage Location on page 22](#).
2. On the printer's home screen, tap **Print**.
3. Tap the file or files that you want to print. Each file is added to the print queue in the order you select them.  
For more information on using the file list including searching and sorting, see [File List on page 36](#).
4. Tap the print button in the upper right.  
For details see [Print Screen on page 29](#).

## Printing from a USB Drive

A print job can be stored onto a USB drive for additional mobility when stand-alone printing from multiple printers. Jobs stored on a USB drive can then be printed from the printer screen when the USB drive is inserted into the printer.

### Store the print job on the USB drive:

1. Make sure the printer is connected to the computer with the USB cable.
2. On the printer, set the Storage Location setting to **External Storage**. See [Storage Location on page 22](#).
3. Insert the USB drive into the USB port on the printer.
4. In Brady Workstation software, open the label file and go to the **Print** screen.
  - a. Select the i7500 printer, if it is not already selected.
  - b. Configure the print settings as desired. This includes number of copies, sorting, and advanced settings such as cutting options. All of these settings are saved with the print job when it is stored on the USB drive.
  - c. Click the arrow on the PRINT button and select **Store on Printer**.  
The button name then changes to *STORE*.
  - d. Click **STORE** and enter a name for the print job.  
The print job is now stored on the USB drive that is installed in the printer. (It is NOT stored in the printer's internal memory.) The label content, job name, quantity, sorting, and cutting preferences specified when the job was stored are not editable. The USB drive can now be inserted into a different i7500 Label Printer, of the same dpi, and the job printed from the USB drive.
  - e. The job cannot be transferred from the USB drive to the printer's internal memory. The only way to store a job in the printer's internal memory is to store directly from the PC to the printer via USB cable, as described on [page 10](#).

**Note:** If any print settings were locked when the file was saved in BWS the corresponding settings in the printer will be grayed out.

### Print job from the USB drive:

1. Be sure the storage location on the printer is set to **External Storage**.  
For instructions see [Storage Location on page 22](#).
2. On the printer's home screen, tap **Print**.
3. Tap the file or files that you want to print. Each file is added to the print queue in the order you select them.  
For more on using the file list including searching and sorting, see [File List on page 36](#).
4. Tap the print button in the upper right.  
For details see [Print Screen on page 29](#).

**Delete a job stored on a USB drive:**

1. Be sure the storage location on the printer is set to **External Storage**.  
For instructions see [Storage Location on page 22](#).
2. On the home screen on the printer, tap **Files**.
3. Find the file that you want to delete.  
See [File List on page 36](#).
4. Tap the file to select it and then tap the more menu button in the upper right.
5. Tap the **delete** icon.

## Printing Double-Sided Sleeves

Two-pass printing for double-sided sleeves is supported on the standard configuration or auto cut configuration printers only, with the following accessories and considerations shown below.

- For the most optimal outcome, use the heavy-duty guillotine auto cutter accessory with the auto cutter print mode.
- Using a serrated tear bar with the tear-off print mode can be done, with great care, but is **not** recommended.

**Note:** Using Brady Workstation Software in conjunction with i75-series smart sleeve rolls is required for the highest quality print and no waste when printing non-black, double-sided sleeves.

The printer can print both sides of double-sided sleeves without wasting any leading sleeves. When printing double-sided sleeves, print side one directly from the roll. To print side two, cut or tear the label supply at the end of the job, then load the printed strip of sleeves into the back of the printer for the second print pass.

**Note:** When printing double-sided sleeves, the total length of the strip printed must meet or exceed 5 inches (127mm) in order for the end of the strip of labels to cover the optical sensor and initiate printing.

**Note:** When printing on black double-sided sleeves, the printer will advance the labels leaving the first one blank. Do not remove this sleeve. When installing the strip to print the second side, feed the leading edge of the strip, including the blank sleeve, to the correct location in the middle of the black rubber platen roller; the blank sleeve will be skipped and printing will begin on the second sleeve.

**To print double-sided sleeves with the heavy-duty guillotine auto cutter installed:**

1. Install the [Auto Cutter on page 60](#).
2. Tap **Settings > Print Adjustments > Print Mode > Current Operating Mode** and select **Auto Cutter**.
3. Initiate printing of a Brady Work Station double-sided sleeve print job.
4. When side one is done, the printer will automatically cut at the end of job and display instructions for how to prepare side 2, along with a button. **Do not tap the button, read the instructions before proceeding!**



5. Open printhead using the yellow lever but do **not** remove the roll of sleeves.
6. With the label roll in place, spin the roll counter-clockwise pulling the leading edge of the material backward about 12 inches (305mm) leaving the print path empty.

**Note:** The label roll must remain in the printer or an error condition will result.

7. Insert the leading edge of the printed strip of sleeves blank-side-up into the print path beneath the printhead and between the label guides, as though you were loading new labels. Stop the leading edge when it is in the center of the black rubber platen roller.

**Note:** To facilitate longer strips of sleeves, the strip can be fed through the slot in the rear of the printer, then fed over the top or behind and under the installed roll of sleeves. The rear gray housing can also be removed to provide additional clearance when feeding in the strip of sleeves.



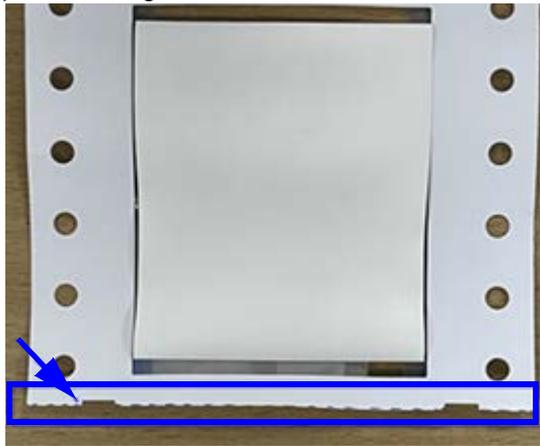
**Note:** Take care to insert the correct end of the strip for second-side print pass - “first sleeve first.”

8. Close the printhead using the yellow lever.
9. After the labels move back and forth, touch **PRINT SIDE 2** on the printer’s display.

**To print double-sided sleeves with the tear bar or serrated tear bar:**

1. Install the tear bar or serrated tear bar.
2. Tap **Settings > Print Adjustments > Print Mode > Current Operating Mode** and select Tear Off if using the tear bar.
3. Initiate printing.
4. When side one is done, the message “Side 1 Complete” is displayed.
5. Tear or manually cut after the last label.

**Note:** The edge notch at the leading edge must be cut through the center of the notch. If this was not accomplished using the tear bar, use a scissors to trim straight across.



6. Select **OK** to continue.  
 The message “Prepare Side 2” along with a button will be displayed.
7. Push the leading edge of the unprinted supply backward out of the guides and back onto the roll, but do not remove the roll itself.  
 This clears the print path.

**Note:** The label roll must remain in the printer or an error condition will result.

8. Thread the strip of sleeves through the label guides and pull forward so the leading edge sits just past the black rubber roller.

If the strip of sleeves is long, you can thread the trailing end out the slot in the back of the printer.

- The leading edge must be the first sleeve in your print sequence.
  - The printed side must be facing down.
9. Close the cover and tap **Print Side 2** on the touchscreen.

## File List

Use the file list to select files to print, and to see information about files.

### To use the file list:

1. Open the file list.
  - Tap **Files** on the home screen. The list is always available this way.
  - Tap **Print** on the home screen. The list is only available if printing is not in progress, otherwise the print screen displays.
2. Make sure the correct file location is selected. Tap the down arrow next to the file location and then tap the desired location.
  - **Internal Memory** shows files residing on the printer.
  - **External Storage** shows files residing on a USB drive that is plugged in to the printer.
3. Change the file view if desired. Tap the more menu button and then tap one of the following.
  - **Thumbnail View** displays the files in a grid showing thumbnail images.
  - **List View** displays the files as a list of file names.
4. Find the files that you want to work with. Drag your finger up or down on the screen to scroll through the list of files. For help refining the list see [Searching, Sorting, Filtering, and Changing](#) shown below.
5. Tap files to select them.

You can tap multiple files. Once selected you can view file information or print.

## Searching, Sorting, Filtering, and Changing

If the list of files is long, you can find the file that you want faster by searching, sorting, or filtering the list. To display the list of files see [File List](#) shown above.

### To search for a label in the list:

1. With the list of files open, tap the more menu icon.
2. Tap **Search**.
3. Use the keyboard displayed on the touchscreen to type all or part of a file name to search for. The search is not case sensitive.
4. Tap the enter button.
5. The list of files displays only files found in the search. To clear the search and display all files again, tap the X next to the search term above the list.

### To sort the list:

1. With the list of files open, tap the more menu button.
2. Tap **Sort**.
3. Tap one of the following options.
  - **Name** sorts alphabetically by file name. Tap *Name* again to switch the sort direction between a-z or z-a.

- **Last modified** sorts by date. Tap Last modified again to switch the sort direction from newest to oldest or vice versa.
  - **Number of labels** sorts by the number of labels in the file. Tap *Number of labels* again to switch the sort direction from most to least or vice versa.
4. Tap **Done**.

**To filter the list by file type:**

1. Tap **Files** on the home screen. Filtering is not available from *Print* because only documents (label files) are printed.
2. Tap the more menu button.
3. Tap **Filter** and then tap **Documents, Images, or Fonts**. Documents are label files. Graphics and fonts are used in scripts.

**To change print settings:**

Files generated and stored from Brady Workstation are denoted by a Brady icon. For only these files can the print settings be changed.

1. Tap **Files** on the home screen.
2. Select **Internal Memory**.
3. Select the stored file created on Brady Workstation.
4. Click the **More Menu**.
5. Scroll down and click on **Print Settings**.
6. Change the desired settings.
7. Click **Save**, then print the file.

## Print Queue

The print queue is available from the print screen when files are being printed. Use it to add more files to the queue, delete files from the queue, or change the print order.

### To see the print queue:

1. Start printing a file or files.  
See [Creating Labels on page 27](#).
2. Tap the **QUEUE** tab to see the queue.

## Adding Files to the Queue

### To add files to the queue during printing:

1. While printing, tap the **QUEUE** tab on the print screen.
2. Open the file list.
3. Find the file that you want to add.  
See [File List on page 36](#).
4. Tap the file and then tap the print icon.

## Removing Files From the Queue

### To remove one file from the queue:

1. While printing, tap the **QUEUE** tab on the print screen.
2. Tap the pause button to pause printing, and then tap **Pause Now**.
3. Tap the file that you want to remove from the queue.
4. Tap **Cancel Job**.

### To remove all files from the queue:

1. While printing, tap the **QUEUE** tab on the print screen.
2. Tap the pause button to pause printing, and then tap **Pause Now**.
3. Tap the more menu icon.
4. Tap **Cancel All**, and then tap **Cancel Job**.

## Changing the Print Order

### To change the print order:

1. While printing, tap the **QUEUE** tab on the print screen.
2. Tap the file that you want to move up or down in the queue. You cannot move the first file in the list.
3. Use the arrows to move the file.

## Print Adjustments

These settings will be used on all print jobs for the specific label and ribbon type installed.

### To change print settings:

1. On the home screen tap **Settings**.
2. Tap **Print Adjustments**.
3. Tap the desired setting. See the following sections for details on each.

**Note:** The Reset to Brady Defaults button sets the printer back to factory defaults for all settings that pertain to the installed ribbon and labels. To reset a single setting back to default, go to the setting and click Reset Defaults.

## Bookmarks

### *Smart Mode*

When using both i75-series smart labels and ribbons, changing any of the print settings will automatically create a bookmark. The next time those two i75-series smart products are installed the settings will be remembered and used. There is no limit to how many label/ribbon combinations can be assigned bookmarks, but there can only be one bookmark assigned for **each** label part number/ribbon part number combination.

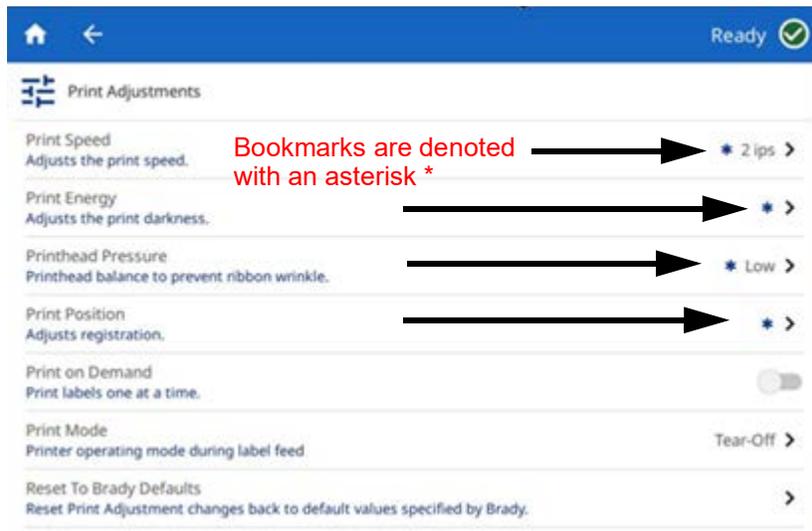
### *Partial Manual Mode*

When using i75-series smart labels with a non-i75-series manual ribbon, changing any of the print settings will automatically create a bookmark. The next time that same i75-series label [part number] is installed the settings will be remembered regardless of what manual ribbon is installed.

When using non-i75-series manual labels and an i75-series smart ribbon, adjustments to changing any of the print settings will not create a bookmark and will not be remembered the next time that i75-series smart ribbon is installed, regardless of what manual label roll is installed.

### *Manual Mode*

When using both non-i75-series labels and non-i75-series ribbons, neither bookmarks nor any adjustments to print settings will be remembered or saved for the next time those two products are installed.



### Changing or Deleting Bookmarks

Using Reset to Default within any print setting will update the existing bookmark with the new setting. To delete a bookmark, scroll to the bottom of the Print Adjustments screen and click on Reset to Brady Defaults.

### Print Speed

Print speed lets you adjust the speed setting from 1 to 10 inches per second (ips) on the 300 dpi printer and 1-5 ips on the 600 dpi. Optimal print speed settings are set automatically by the smart cell for the installed supply and should only be changed if you are experiencing problems. For example, you can change print speed if you want to print graphics or other densely populated labels more slowly to ensure complete coverage.

Use the slider to increase or decrease the speed.

**Note:** The selected print speed setting will stay in effect for all subsequent print jobs with the currently installed label supply. When new supply is installed, the print speed is reset to the default setting for that label or with the setting defined by a bookmark.

### Print Energy

Use the slider to adjust for darker or lighter printing. Print a label to test the setting.

The print energy setting defines how much heat is applied to the printhead when printing a label. The darker the print energy, the more ink is transferred to the label. Optimal print energy settings are set automatically by the smart cell for the installed label supply and should only be changed if you are experiencing problems. For example, if printing is spotty you may want to increase the print energy to make sure more of the ribbon ink transfers to the label. However, if your ribbon is sticking or tearing during printing, the heat energy may be too high and should be reduced.



**CAUTION!** Constantly printing at high energy levels may cause printer jams or other printing errors and may reduce the overall life of your printhead.

**Note:** The selected print energy setting will stay in effect for all subsequent print jobs with the currently installed label supply. When new label supply is installed, the print energy level is reset to the default setting. The print energy level is also reset by rebooting the system.

## Printhead Pressure

Sets the amount of pressure from the printhead to prevent the ribbon from wrinkling. Tap the plus or minus buttons to increase or decrease the pressure.

## Print Position

Tap the arrows to move the print in the label image left, right, up, or down.

The measurements shown in the upper right indicate how much the beginning print position will shift relative to the factory setting; it does not represent the distance from the left edge of the label. Units are in inches or millimeters depending on what units are set in [Units of Measure on page 21](#).

To reset to the factory setting (0, 0), tap reset default icon in the upper right.

## Cut Automatically

Specify whether the printer should cut between each label, at the end of the job, after a specific number of labels, or never. To set other options see [Auto Cutter on page 43](#).

**Note:** Cutting options set in Brady Workstation or a ZPL script override this setting.

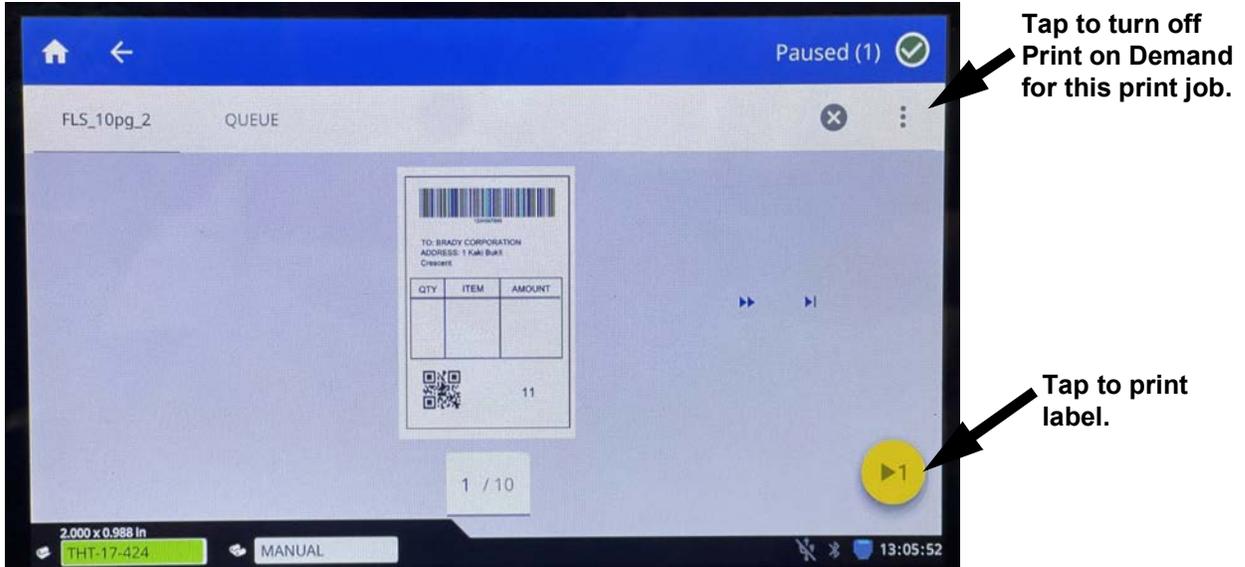
## Print on Demand

Print on demand causes the printer to wait for input on the touchscreen before printing the next label in the file. When disabled, all labels in a file are printed without waiting in between.

### To enable print on demand:

1. From the home screen, tap **Settings**.
1. Tap **Print Adjustments**.
2. To the right of **Print on Demand**, tap the switch to change the setting.  
If the switch is gray, it is off. If the switch is blue, it is on.

When Print on Demand is enabled, tapping the yellow start button prints just one label rather than all the labels.



**To override Print on Demand and print all remaining labels:**

1. Tap the yellow circle to pause printing.
2. Tap the three dots in the upper right.

**IMPORTANT!** Turn off Print on Demand for this print job.

**Print Mode**

Print modes are specific to the accessories installed on the printer. When print mode is opened, the current mode will be displayed along with any settings that can be changed. Tap Current Operating Mode then tap the mode needed.

**Tear-Off**

Standard on all available configurations. In tear-off mode, labels or continuous media are printed. After printing, the label strip can be separated by hand. The label printer must be equipped with a tear-off plate for this feature.

**Change the tear offset:**

1. Use the touchscreen, to go to **Settings > Print Adjustments > Print Mode**.
2. Tap **Current Operating Mode** and then **Tear-Off**.
3. Tap the **back icon** to return to the Print Mode screen.
4. Tap **Tear-Off Offset** and use the arrows to change the offset.  
Use the Reset to Default icon in the upper right to return to factory default offset setting.
5. Tap the **back icon** to return to the Print Mode screen.
6. Tap **Tear Plate Type** and choose either the standard tear plate or the serrated tear plate (optional accessory).

## ***Auto Cutter***

Setting when to cut (end of job, end of label, etc.) here will also change it under [Cut Automatically on page 41](#). Cut Offset can will change the cut position relative to the rear label edge.

**IMPORTANT!** It is necessary to install the Auto Cutter in order to use this mode. See [Auto Cutter on page 60](#).

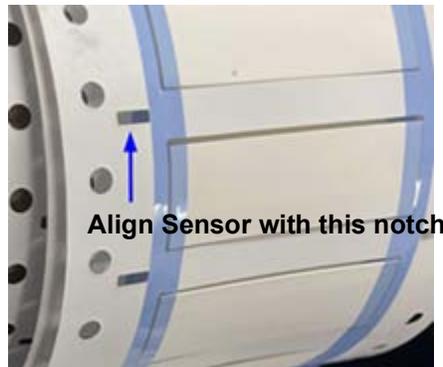
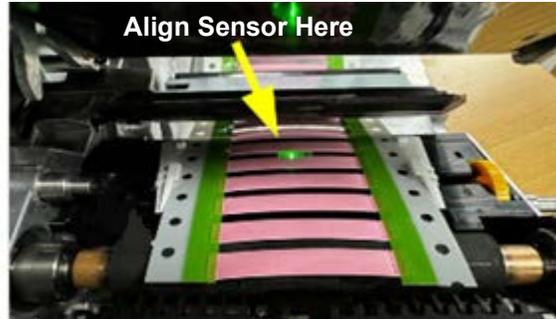
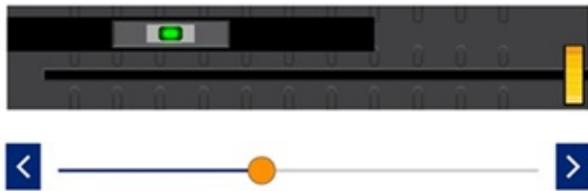
Before printing, set the printer to Auto Cut mode:

1. Use the touchscreen, to go to **Settings > Print Adjustments > Print Mode**.
2. Tap **Current Operating Mode** and then **Auto Cutter**.
3. Tap the **back icon** to return to the Print Mode screen.
4. Set the Cut Offset and Cut Automatically options.

## Label Sensor Position

When in [Smart Mode on page 14](#), the printer will detect the type of roll that is installed when the printhead is closed and will automatically move the sensor to the correct position for the installed roll.

When in [Manual Mode on page 14](#), adjust the sensor by visually aligning the optical sensor in the gap when using continuous or notched labels. Move the optical sensor using the slider and arrow buttons on the screen. Press, hold and slide the yellow slider to make large movements, or tap the arrows for minor movements.



## Label Roll Type

When in [Smart Mode on page 14](#), the printer will detect the type of roll that is installed when the print head is closed and will automatically set the “mode” of the sensor to the correct roll type.

When in [Manual Mode on page 14](#), the type of labels installed needs to be manually set.

## Thermal Printing Method

When in [Smart Mode on page 14](#), the printer will detect if the installed roll is a Thermal Transfer material or a Direct Thermal material when the print head is closed and will automatically set the correct printing method

When in [Manual Mode on page 14](#) the printing method must be manually set.

## Reset to Brady Defaults

Reset all print adjustments back to factory default.

## About Screen

View system information:

- Firmware driver version
- Label library version
  - MAC Ethernet: ---
  - MAC Wi-Fi: ---
  - MAC Bluetooth: ---
- Amount remaining of internal memory
- Amount remaining on external storage
- Serial number of the printer
- Details button displays license information

**To view system information:**

1. From the home screen, tap **Settings**.
2. Tap **About**.
3. Tap the back button to go back to the previous screen or go to Home.

## Help Screen

Pressing the Help icon on the home screen will provide pictorial instruction for common functions, which include but are not limited to the following:

- Loading smart ribbons and labels
- Loading manual ribbon
- Loading manual label
  - Non-peel
- Setting the sensor for manual materials
- Cleaning the printer
- Replacing the printhead
- Replacing the roller
- Installing the cutter
- Changing out the tear plate
- Recommendations for ribbon/roller/media size
- Support information
- Printer update information

## 4 Using Scripts

The i7500 Label Printer supports ZPL scripting.

Some basic ZPL commands can be changed directly on the printer.

### To change ZPL settings:

1. From the home screen, tap **Settings**.
2. Tap **ZPL**.
3. Tap the setting(s) to be changed.

Programming is beyond the scope of this manual.

- A ZPL specific manual that includes a list of commands that the printer supports can be found at [www.BradyID.com/support/printer/i7500](http://www.BradyID.com/support/printer/i7500).

### Smart Continuous Labels

When smart continuous labels are installed in the i7500 Printer, the ZPL script must include the [^LL] command for optimal printing. Sample script shown below.

```

^XA
^DFR:withLL2.ZPL^FS
^LL609,25
^AD,36,20^FN1^FS
^F0165,25
^AD,36,20^FN2^FS
^F025,75
^AB,22,14^FDCont with LL 2in^FS
^F025,125
^AE,28,15^FN1
^XZ
  
```

### Graphics & Fonts

If your script files use graphics or text that are not already on the printer, you will need to import them before running the script.

**Minimum Font Sizes:** The i7500 Label Printer supports the following minimum font sizes in scripts. If using ZPL, be aware that font sizes are not set explicitly, but rather with the bounding width and height.

- 5 pt minimum font size for 300 dpi printers
- 4 pt minimum font size for 600 dpi printers

**IMPORTANT!** It is recommended that ZPL scripts be written in the dpi supported by your printer.

## Import

To import graphics and fonts from a computer to the printer, first transfer the files to a USB drive. Then follow these steps:

1. Connect the USB drive to any available USB port on the printer.
2. On the home screen, tap **Files**.
3. If the screen says *INTERNAL MEMORY* in the upper left, tap **INTERNAL MEMORY** and then tap **External Storage**.
4. Tap the more menu button.
5. Tap **Filter** and then tap **Images** or **Fonts**.
6. In the list of files, tap on each file that you want to import.
7. Tap the import icon.

A progress bar will display while the import is taking place.

**Note:** The printer displays a low memory message if it runs out of space.

## Delete

To delete graphics and fonts imported to the printer, follow these steps:

1. On the home screen tap **Files**.
2. If the screen says *EXTERNAL STORAGE* in the upper left, tap **EXTERNAL STORAGE** and then tap **Internal Memory**.
3. Tap the **more menu** button.
4. Tap **Filter** and then tap **Images** or **Fonts**.
5. In the list of files, tap on each file that you want to delete.
6. Tap the **more menu** button, and then tap **Delete**.

# 5 Maintenance

---

Click on a link below to be taken right to the section of interest.

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## Cleaning the Printer

### Dust and Debris

Whenever performing any maintenance on the printer, you should also clean dust and label debris from within the printer.

#### Materials Required:

- Compressed Air Bottle, purchased locally (e.g., HOSA AIR-464 Gear Duster)
- Safety Glasses



**CAUTION!** Always wear safety glasses when using compressed air.

- Lint-free Cloth
- Isopropyl Alcohol
- Pre-moistened cleaning swabs (PCK-6). We recommend using these swabs because they are lint free and the isopropyl alcohol contains no additives. You can use your own swabs and isopropyl alcohol.

#### To clean debris from within the printer:

1. Remove power and supplies from the printer.
2. With safety glasses on, spray compressed air on all visible areas inside the printer to remove accumulated dust and debris.
3. Use a cloth moistened with isopropyl alcohol to wipe any remaining dust and debris from inside the printer.
4. Use pre-moistened cleaning swabs to clean areas that you could not reach with a cloth.
5. Replace the ribbon and labels.
6. Close the cover and plug in the power cord.

## Printhead



CAUTION! If the printhead is hot, allow it time to cool before proceeding. Handling a hot printhead could result in burns.

### Materials Required

- Pre-moistened cleaning swabs (PCK-6).



CAUTION! Use only the alcohol swabs from part number PCK-6. Using other materials may permanently damage the printhead.

### To clean the printhead:

1. Remove power and supplies from the printer.
2. Disengage the printhead locking lever.
3. Gently rub a new pre-moistened foam swab across the green and black area of the printhead. Use as many swabs as necessary to thoroughly clean the surface.



CAUTION! Do not rub the swab over the bronze-colored area of the printhead. This may short the circuit.

4. Replace the ribbon and label roll.
5. Dispose of the swabs.
6. Close the cover and plug in the power cord.

## Platen Roller

Clean the platen roller frequently, especially if you see ink or adhesive buildup on the roller. If there is visible damage to the roller or small beads of rubber on the roller, then replace the roller. See [Platen Roller on page 58](#).

### Materials Required for Cleaning the Roller

- Pre-moistened cleaning swabs (PCK-6).

### To clean the platen roller:

1. Remove power and supplies from the printer.
2. Disengage the printhead locking lever.
3. Open a new pre-moistened foam swab and use it to clean the rubber roller. Use as many swabs as necessary to thoroughly clean the surface.

Turn the roller to access the entire surface. Push the top of the roller firmly toward the back of the printer, which will offer some resistance.



4. Replace the ribbon and label roll after the alcohol evaporates.
5. Dispose of the swabs.
6. Close the cover and plug in the power cord.

## Optical Sensor

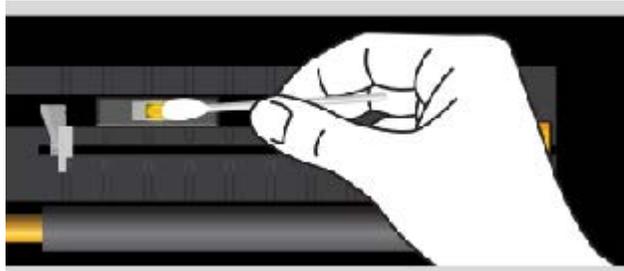
The optical sensor is located inside the printer and may be covered with dust that results from cutting the labels.

### Materials Required

- Pre-moistened cleaning swabs (PCK-6). We recommend using these swabs because they are lint free and the isopropyl alcohol contains no additives. You can use your own swabs and isopropyl alcohol.

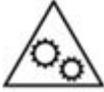
### To clean the sensor:

1. Remove power and supplies from the printer.
2. Disengage the printhead locking lever.
3. Roll the label guides adjuster to fully open the label guides to access the sensor.
4. With a clean pre-moistened foam swab, gently wipe the surface of the sensor.



5. Replace the ribbon and label roll after the alcohol evaporates.
6. Dispose of the swabs.
7. Close the cover and plug in the power cord.

## Cutter Blade



**Moving Parts. Keep body away from moving parts.**



**Sharp Edges. Do not touch.**

**Note:** When cleaning the cutter, you should also clean the [Optical Sensor on page 53](#).

### Materials Required

- Pre-moistened cleaning swabs (PCK-6). We recommend using these swabs because they are lint free and the isopropyl alcohol contains no additives. You can use your own foam swabs and isopropyl alcohol.
- Cutter Cleaning Tool (B31-CCT) for scraping off residue

### To clean the cutter blade:

1. Insert the swab up and into the label exit area.
2. Swab all around the area.
3. Unlatch the cutter, push away from the roller and clean adhesive residue from the blade with a flat edge tool.
4. Use a swab dipped in Isopropyl alcohol on the blade.
5. Allow any excess alcohol to evaporate before printing.

## Touchscreen

### Materials Required

- Lint-free cloth, non-abrasive
- Isopropyl alcohol or a pre-moistened cloth (appropriate for cleaning LCD displays)



**CAUTION!** Normal cleaners with ammonia, soaps, or any acids can damage the screen. Use only a lint-free cloth dampened with isopropyl alcohol.

### To clean the touchscreen:

1. Lightly moisten a lint-free cloth with isopropyl alcohol, or use a pre-moistened cloth suitable for cleaning a computer screen.
2. Gently rub the damp cloth across the screen until all of the residue is removed.
3. Allow touchscreen to dry completely before resuming use.

## Installing or Replacing Parts

In some instances a tool will be needed to remove screws or other hardware. A T-20 wrench is housed in the frame, inside the printer. Open the cover, located the wrench in the base of the frame, turn the wrench clockwise 90° and pull out. When housing the T-20 wrench, insert, turn counter-clockwise 90° to seat flush into the frame.



## Printhead



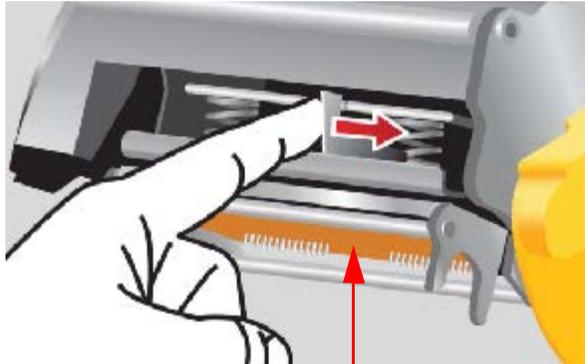
**CAUTION!** Take the following precautions to avoid damaging the printhead with electrical discharge or mechanical influences.

- Set the printer on a grounded surface. Turn off the power and unplug the printer.
- Ground yourself (with an anti-static wrist strap, for example).
- Do not touch the heating element with hands or hard objects. (The heating element is the dark brown strip called out in the image below.)

Replace the printhead if you consistently see the same unprinted spots on labels or wish to change the dpi. Both 300 and 600 dpi printheads are available.

### To replace the printhead:

1. Remove power and supplies from the printer.
2. Disengage the printhead locking lever to lift the printhead.
3. Move the lever above the printhead to release.

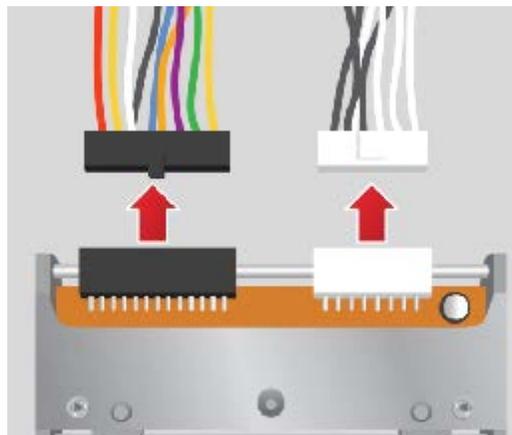


Do not touch

4. Carefully disconnect the wires attaching the printhead by grasping the wire connector.



**CAUTION!** To avoid damage, do not pull on the cable wires.



5. Insert the cable connectors to the new printhead, taking care to only handle it by holding the metal side brackets.
6. Install the new printhead in the printer.



7. Replace the ribbon and label roll.
8. Close the printhead locking lever.
9. Close the cover and plug in the power cord.

## Platen Roller

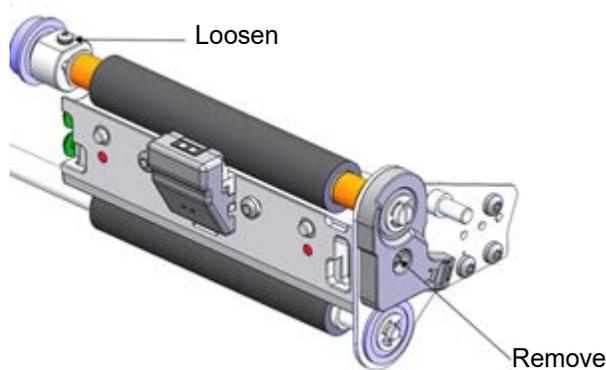
The black rubber platen roller is a wearable part and must be cleaned frequently and replaced immediately if worn. When the platen roller is worn you may notice poor print quality, the roller may begin to have a flattened appearance in places, or you may notice other visible signs of damage.

### Required Tools

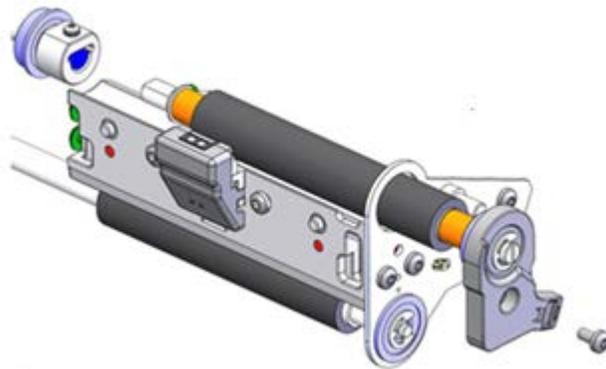
- Flathead screwdriver
- M4 Torx screwdriver
- Needlenose pliers

### To replace the platen roller:

1. Remove power and supplies from the printer.
2. Disengage the printhead locking lever to lift the printhead.
3. Use the included T-20 wrench to loosen the top screw and remove the screw holding the bracket.



4. Slide the platen roller out.



5. Slide the new platen roller in place, tighten the top screw and replace the screw in the bracket.
6. Replace the ribbon and label roll.
7. Close the printhead locking lever.
8. Close the cover and plug in the power cord.

## Tear Plate

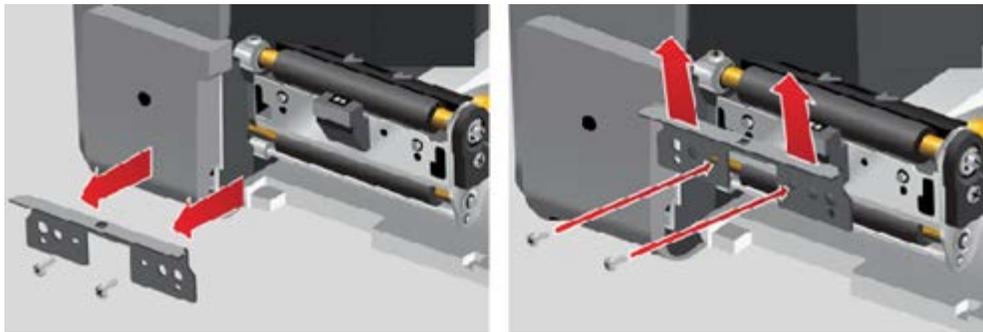
When the labels are no longer being cleanly torn from the roll, it is time to replace the tear plate. Alternatively, the standard tear plate can be changed out with the optional serrated tear plate.

### Required Tools

- M5 Torx screwdriver

### To replace the tear plate:

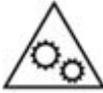
1. Disengage the printhead locking lever to lift the printhead.
2. Remove the (2) screws holding the tear plate and replace.



3. Close the printhead locking lever.
4. Close the cover and plug in the power cord.

## Auto Cutter

In order for the auto cut function to work, the auto cutter must be installed.



**Moving Parts. Keep body away from moving parts.**



**Sharp Edges. Do not touch.**

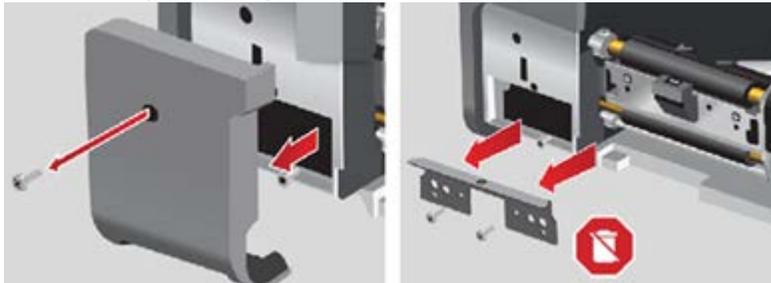
### Required Tools

- M5 Torx screwdriver

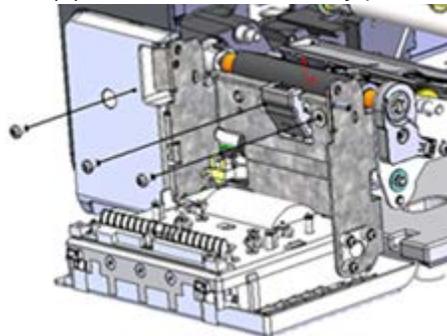
#### To install the auto cutter:

1. Remove power and supplies from the printer.
2. Disengage the printhead locking lever to lift the printhead.
3. Remove the (1) screw from the accessory port cover and the (2) screws holding the tear plate.

**IMPORTANT!** Keep the tear plate in a safe location for future use.



4. Lower the front of the auto cutter, align the holes in the bracket to the holes on the printer and secure with the (2) screws.
5. Insert and secure the (1) screw in the accessory port cover on the left.



6. Close the auto cutter.

7. Install the ribbon and the strip of labels sent with the auto cutter, then close the printhead locking lever.



8. Close the cover and plug in the power cord.
9. On the touchscreen, select **Settings > System Configuration > Cutter Distance Calibration** then click the **Next** button, shown on the screen.
10. Click **OK** on the Invalid Labels message that displays on the screen.

## Firmware Upgrades

Upgrades to firmware (printer system software) are available online. For information on how to locate the current firmware version on your printer, see [About Screen on page 45](#).



**CAUTION!** Do not interrupt printer power during an upgrade.

### Upgrading via USB Drive

**To upgrade firmware using a USB drive:**

1. On a computer, go to the technical support website for your region. See [Technical Support and Registration on page iv](#).
2. Find firmware updates.
3. Find the most recent i7500 Label Printer firmware upgrade.
4. Download the firmware.
5. Save the downloaded file to the root of a USB drive.
6. Connect the USB drive to the USB port on the printer. The printer recognizes the upgrade file and displays a message on the touchscreen.
7. Follow the instructions on the touchscreen. When the upgrade is complete, the printer restarts.



## Label Library

The printer's Label Library files are included in a database of information that enables the printer to work optimally with various supplies.

Update Label Library files periodically to make sure the printer has data for any new label supplies. Also, update if you have ordered a custom label supply from Brady and it came with new Label Library files.

**To upgrade the label library files using a USB drive:**

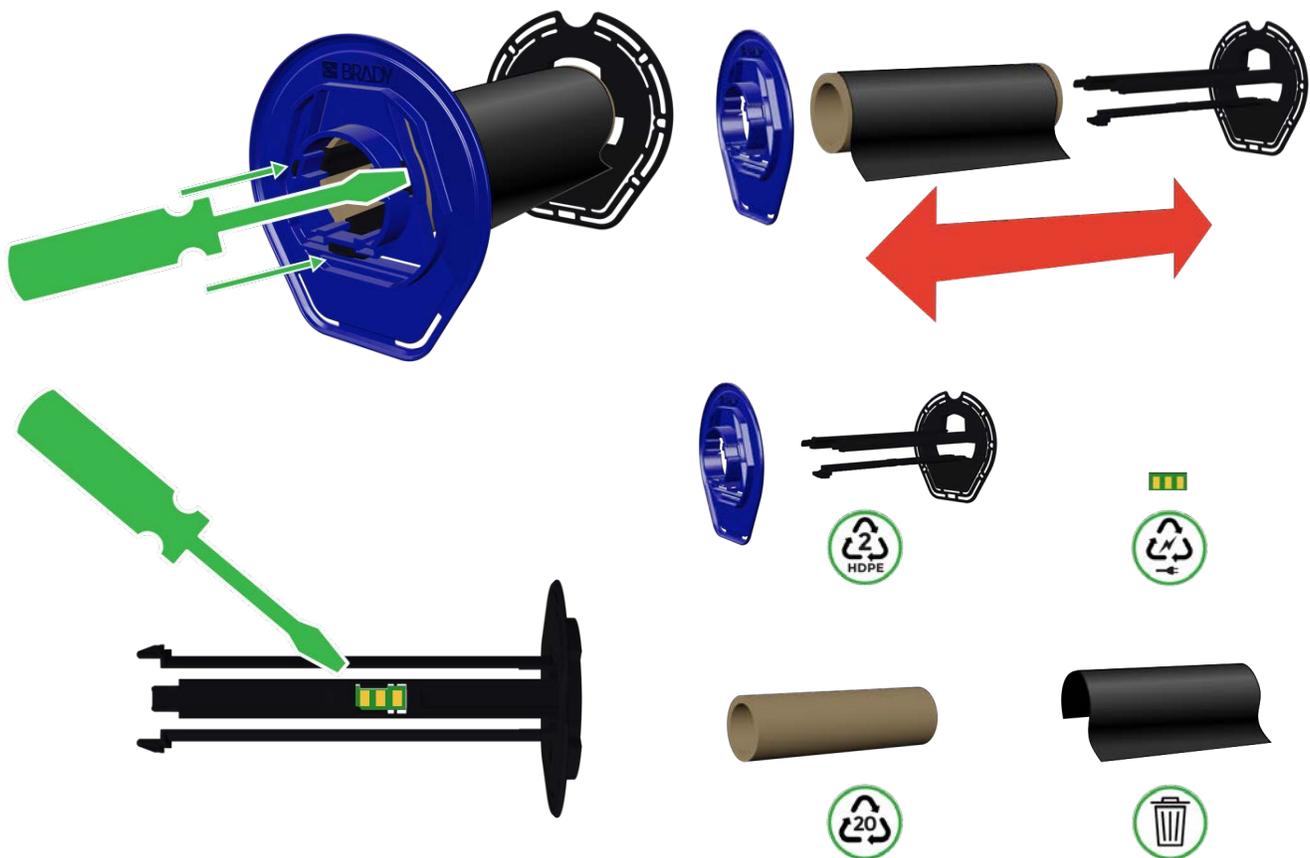
1. On a computer, go to the technical support website for your region. See [Technical Support and Registration on page iv](#).
2. Find firmware updates and the most recent Printer Label Library update for the i7500 Label Printer.
3. Download the database update.
4. Extract the files from the zip and save the extracted files to the root of a USB drive.
5. Connect the USB drive to the USB port on the printer and navigate to **Files > Menu** and click on "Import **Printer Label Library**" to launch the upgrade.
6. Follow the instructions on the touchscreen.

## Recycling the Ribbon Cartridge

Cartridges need to be recycled in accordance with local regulations. Before recycling, the used cartridges must be pulled apart to release the individual components which then must be recycled in the correct recycling bins.



**CAUTION!** Always wear personal protective equipment (PPE) when dismantling a cartridge.



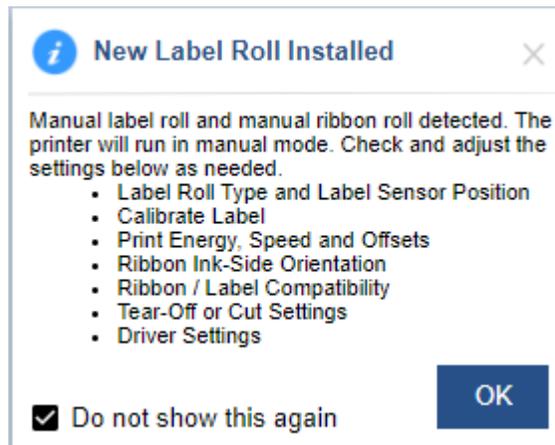
# 6 Troubleshooting

## Print Registration Issues

### Manual or Partial Mode

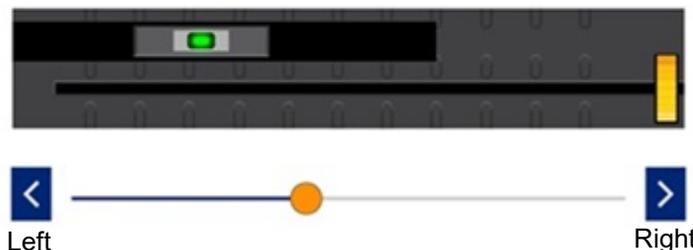
If a ribbon from a 3rd party is installed along with pre-sized labels (THT-23-423-2) from Brady (partial mode) or die-cut labels from a 3rd party (manual mode) and the printing is offset or an error message was displayed, follow these instructions:

1. Press **OK** on the message displayed on the screen.



2. Open the cover and disengage the printhead locking lever to lift the printhead.
3. Remove and reload the label roll on to the label roll hanger.
4. When the Label Sensor Position window appears on the screen, adjust the sensor position to align in the middle of the gap on the labels.

#### Label Sensor Position



5. Close the printhead.
6. From the home page select **Settings > Print Adjustments > Label Roll Type > Gapped**.
7. Tap the **back button**, then select **Thermal Printing Method > Thermal Transfer**.
8. Click **Home** to return to the home screen.
9. Click the **Feed/Calibrate** icon that is now on the screen.  
The printer will perform a calibration of the loaded media with its gap position and feed out three to four blank labels upon completion.
10. Calibrate the sensor by going tapping **Settings** on the home screen.
11. Tap **System Configuration**, then **Label Sensor Calibration**.
12. Follow the on-screen instructions.



## Clearing Jams



**Moving Parts. Keep body away from moving parts.**



**Sharp Edges. Do not touch.**

### To clear a label jam:

1. Open the cover.
2. Disengage the printhead locking lever.
3. Remove the labels, tear off and discard any bent or wrinkled labels.
4. Install the label roll making sure the labels are seated correctly and snug against guides.
5. Check the label path to see if any parts (rollers, guides, cutters, exit chute) need cleaning.

If the label jam message continues to appear, tap **System Configuration**, then **Label Sensor Calibration** and follow the on-screen instructions.

### To clear a cutter jam:

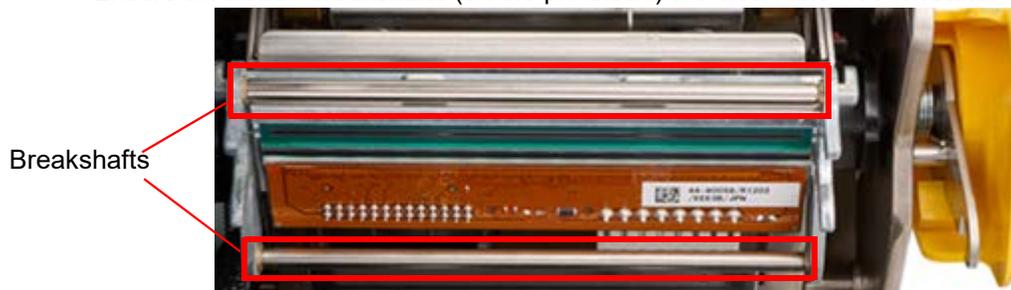
1. Open the cover.
2. Clear the cutter area.
3. Close the cover and tap Cut on the touchscreen to cycle the cutter.

## Ribbon Wrinkle

Ribbon wrinkle appears as a void, horizontal or vertical black line that occurs intermittently on printed labels. This issue can be resolved by one or a combination of the suggestions listed below.

### Check the following first:

- Label guides are properly positioned against the edge of the label. See [Loading Labels and Ribbon on page 16](#).
- Ribbon is positioned properly along the ribbon path, under the printhead assembly, up to the ribbon take-up spindle and inserted under the silver ribbon clips. See [Loading Labels and Ribbon on page 16](#).
- The printhead is clean (no adhesive or dirt). See [Cleaning the Printer on page 50](#).
- Ensure the ribbon breakshafts (on the printhead) are clean and free to rotate.



- The platen roller is clean (no adhesive or dirt). See [Cleaning the Printer on page 50](#).

### For Horizontal Wrinkles:

- Lower the print energy. See [Print Energy on page 40](#).
- Increase or decrease the print speed. See [Print Speed on page 40](#).
- Decrease the printhead pressure. See [Printhead Pressure on page 41](#).
- Adjust adjust the screw on the ribbon shaft diverter to tilt the shaft inward or outward.



- Use smaller width ribbon or platen roller.

### For Vertical Wrinkles:

When using continuous media, adjust the distance between the trailing edge of the previous label and the leading edge of the label that follows.

Use the following table to troubleshoot problems. In situations where the printer displays an error message, follow the instructions on the touchscreen.

Problem	Cause	Corrective Action
Printer does not power up when turned on.	Power cord has been pulled out of printer or wall socket.	Check power cord.
Screen freezes	User Interface error	<ol style="list-style-type: none"> <li>1. Turn off the power switch on the back of the printer.</li> <li>2. Wait five seconds and then turn the power switch on.</li> </ol>
Printer will not feed labels.	<ul style="list-style-type: none"> <li>• The leading edge of the label roll is not inserted correctly.</li> <li>• The leading edge of the label roll is uneven or torn (not a straight edge).</li> </ul>	<ul style="list-style-type: none"> <li>• Install the labels correctly. See <a href="#">Installing or Changing Supplies on page 14</a>.</li> <li>• Cut a straight leading edge on the label roll.</li> </ul>
Test label will not print.	<ul style="list-style-type: none"> <li>• Wrong label width installed or not installed correctly.</li> </ul>	<ul style="list-style-type: none"> <li>• Install at least 4" wide labels. See <a href="#">Installing or Changing Supplies on page 14</a>.</li> </ul>
Faint print on labels.	Ribbon not advancing correctly.	<ul style="list-style-type: none"> <li>• Tension the ribbon by rotating the rewind spool (spool closest to printer with the printhead locking lever open) in a downward direction until all slack is removed.</li> <li>• Try another ribbon cartridge.</li> </ul>
	Print energy might be too low.	Adjust the print energy setting (see <a href="#">Print Energy on page 40</a> ).
No print on the label.	The label or ribbon is not loaded correctly or out of ribbon.	<ul style="list-style-type: none"> <li>• Reinstall the ribbon cartridge.</li> <li>• Load a new ribbon.</li> </ul>
Poor print quality.	Ribbon and labels are incompatible, or using an incorrect label supply and ribbon combination.	<ul style="list-style-type: none"> <li>• Verify the correct ribbon for the label roll is loaded in the printer.</li> <li>• Verify the ribbon is not wrinkled. See <a href="#">Ribbon Wrinkle on page 51</a>.</li> <li>• Change the ribbon or label supply.</li> </ul>
	Dust or adhesives accumulated on the printhead.	Clean the printhead (see <a href="#">Printhead on page 51</a> ).
Void areas or lines appear on printed text.	Ribbon wrinkling.	<ul style="list-style-type: none"> <li>• Tension the ribbon by rotating the rewind spool (spool closest to the printer with the printhead locking lever open) in a downward direction until all slack is removed.</li> <li>• Try another ribbon cartridge.</li> </ul>
Cut quality is poor.	Cutter needs cleaning.	Clean the cutter (see <a href="#">Cutter Blade on page 54</a> ).
Supply shifts when printing frames around label causing a slight misalignment of the frame.	Label guides not adjusted correctly, producing slack that allows the labels to shift during printing.	Adjust label guides so they are snug against the labels. To make fine adjustments to the frame, see <a href="#">Print Position on page 41</a> .

Problem	Cause	Corrective Action
The printer continues to display a message about the label supply even though I have performed all the corrections provided in the message.	A dirty or obstructed cutter sensor prevents the printer from detecting the leading edge of the label supply.	Remove any label debris and clean the cutter sensor as well as all the other sensors. See <a href="#">Optical Sensor on page 53</a> .
Error Message: “Out of Labels” received during two sided printing.	The total length of the printout is too short when side 2 is loaded for printing.	When printing two sided labels, the total length of the label strip must meet or exceed 4 inches (10 cm) in order for the end of the strip of labels to cover the label sensor and initiate printing.
The ribbon supply status for amount remaining is not accurate.	When transitioning from Manual Mode [Direct Thermal Printing Method] to Partial Manual Mode [Thermal Transfer Printing Method] the ribbon supply status does not update correctly.	None at this time.
When using Brady Label Design HCM-60x10-7643-WT in manual mode, the x-offset cannot be set beyond 3mm.	When in Manual Mode, the printer is unable to shift the X offset of 4.094 inch (102mm) labels more than 3mm.	Use a label design that is less than 4 inches (102mm).
Some characters, such as the ^ character does not display on the touchscreen.	Use of the European AZERTY keyboard.	For any key that does not immediately appear on screen when entered on the European AZERTY keyboard, press the key plus the spacebar. Pressing the spacebar along with the key will make it appear on the touchscreen.
Error Message: “Failure Loading Label Roll” received when using two sided, black sleeve labels in manual mode.	The leading edge sensor is not detecting the black edge of the label for non-smart cell labels.	Go to <b>Settings &gt; System Configuration &gt; Leading Edge Detection</b> and click on Disable.  Confirm that the leading edge is straight and in the correct position, before printing.

# A Regulatory Compliance

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## Agency Compliance and Approvals

### United States

#### *FCC Notice*

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 may cause harmful interference in which case the user will be required to correct the interference at his own expense.

In instances where interference is experienced, the following measures are recommended to assist in mitigation:

- Reorient or reposition the equipment relative to the interference.
- Increase the separation distance between the equipment and the interference.
- Connect equipment to a separate power circuit than the interference if applicable.

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including interference that may cause undesired operation.

### Estados Unidos

#### *Aviso de la FCC*

Este equipo se puso a prueba y se confirmó que cumple con los límites para un dispositivo digital de Clase A, conforme a la Parte 15 de las Regulaciones de la Comisión Federal de Comunicaciones (Federal Communications Commission, FCC). Estos límites se han diseñado para proporcionar protección razonable contra interferencias perjudiciales cuando el equipo se utilice en un entorno comercial. Este equipo genera, utiliza y puede emitir energía de radiofrecuencia y, si no se instala y se utiliza según el manual de instrucciones, puede ocasionar interferencias perjudiciales en las radiocomunicaciones.

El uso de este equipo en un área residencial puede causar interferencias perjudiciales, en cuyo caso el usuario tendrá que corregir dichas interferencias por su cuenta.

En los casos donde se producen interferencias, se recomiendan las siguientes medidas para ayudar a mitigarlas:

- Volver a orientar o reposicionar el equipo para evitar la interferencia.
- Aumente la distancia de separación entre el equipo y la interferencia.
- Si es posible, conecte el equipo a un circuito eléctrico distinto al de las interferencias.

Los cambios o las modificaciones que no hayan sido aprobados expresamente por la parte responsable del cumplimiento pueden invalidar la autorización que se le otorga al usuario para utilizar el equipo.

Este dispositivo cumple con la Parte 15 de las Regulaciones de la FCC. El uso está sujeto a las siguientes dos condiciones: (1) es posible que este dispositivo no provoque interferencias perjudiciales y (2) este dispositivo debe aceptar cualquier interferencia recibida, incluso aquella que pueda generar un uso no deseado.

## **Canada**

Innovation, Science and Economic Development (ISED)

Canada ICES-003: Information Technology Equipment (including Digital Apparatus)

Canada NMB-003: Équipement de technologie de l'information (incluant les appareils numériques)

CAN ICES-3 (A)/NMB-3(A)

## 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.



### **Waste Electrical and Electronic Equipment Directive**

In accordance with the European WEEE Directive, this device needs to be recycled in accordance with local regulations.

### ***RoHS Directive 2011/65/EU, 2015/863/EU***

This product is CE marked and complies with the European Union's Directive 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

EU Directive 2015/863 of 31 March 2015 (RoHS 3) amends Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances.

### ***Batteries Directive 2006/66/EC***



This product contains a lithium coin cell battery. The crossed-out wheeled bin shown to the left is used to indicate 'separate collection' for all batteries and accumulators in accordance with European Directive 2006/66/EC. Users of batteries must not dispose of batteries as unsorted municipal waste. This Directive determines the framework for the return and recycling of used batteries and accumulators that are to be collected separately and recycled at end of life. Please dispose of the battery according to your local regulations.

### **Notice to Recyclers**

#### **To remove the lithium coin cell battery:**

1. Disassemble printer and locate the lithium coin cell battery located on the main circuit board.
2. Using a small screwdriver, pry the battery from its holder and remove the battery from the board. Dispose of in accordance with local regulations.

## China

China RoHS Hazardous Substance Table related to this product is available at [www.bradyd.com/i7500compliance](http://www.bradyd.com/i7500compliance).

### **警告**

此为 A 级产品。在生活环境中，该产品可能会造成无线电干扰。在这种情况下，可能需要用户对于干扰采取切实可行的措施。

仅适用于非热带气候条件下安全使用

仅适用于海拔2000m 以下地区安全使用。

## Taiwan

### Class A Statement

警告：為避免電磁干擾，本產品不應安裝或使用於住宅環境

Taiwan Restricted Substances Containment Status (RoHS Declaration) related to this product is available at [www.BradyID.com/i7500compliance](http://www.BradyID.com/i7500compliance).

### Importer:

香港商貝迪香港有限公司

臺北市中山區南京東路3段101號4樓

BRADY CORPORATION HONG KONG LIMITED

4th Floor, No. 101, Section 3, Nanjing East Road, Zhongshan District, Taipei City

## Turkey

Turkish Ministry of Environment and Forestry

(Directive on the Restriction of the use of certain hazardous substances in electrical and electronic equipment).

Türkiye Cumhuriyeti: EEE Yönetmeliğine Uygundur

## Wireless Regulatory Information

Regulatory markings, subject to country certification, are applied to host printer signifying Wi-Fi and Bluetooth (radio) approvals have been obtained.



**WARNING!** Operation of the device without regulatory approval is illegal.

Radio protocol	WLAN IEEE 802.11b/g/n	BLE	NFC (RFID)
RF Operating Frequency	2.412 - 2.462 GHz	2.402 - 2.480 GHz	13.553 - 13.567 MHz
RF Output Power	< +20dBm EIRP (100mW)	< +20dBm EIRP (100mW)	0.03mW
Antenna Type \ Antenna Gain	PCB trace antenna \ 2.3 dBi	PCB trace antenna \ 2 dBi	FPC Loop (4) \ 1.3 - 3.9uH
Environmental Operation	50° to 104° F (10° to 40° C) <b>Note:</b> Be mindful of the maximum operating temperatures for the printer. See <a href="#">Physical and Environmental Characteristics on page 2</a> .		
Environmental Storage	-4° to 122° F (-20° to 50° C) <b>Note:</b> Be mindful of the maximum storage temperatures for the printer. See <a href="#">Physical and Environmental Characteristics on page 2</a> .		

### 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 own expense.

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including interference that may cause undesired operation.

**Co-located statements:** To comply with FCC RF exposure compliance requirement, the antenna used for this transmitter must not be co-located or operating in conjunction with any other transmitter/antenna except those already with radio module filing.

**RF exposure guidelines / Important note:** This equipment complies with FCC SAR exemption limits set forth for an uncontrolled environment when properly used as instructed.

## Mexico

IFT notice: La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

## Canada

Innovation, Science and Economic Development (ISED)

CAN ICES-3 (A)/NMB-3(A)

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause interference; and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. l'appareil ne doit pas produire de brouillage;
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**Co-located statements:** To comply with IC RF exposure compliance requirement, the antenna used for this transmitter must not be co-located or operating in conjunction with any other transmitter/antenna except those already with radio module filing.

**RF exposure guidelines / Important note:** This equipment complies with ISED radiation exposure exemption limits set forth in RSS-102 for an uncontrolled environment when properly used as instructed.

## European Union

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.

Radio Equipment Directive (RED) 2014/53/EU

- a. Frequency band(s) in which the radio equipment operates; 2.402GHz to 2.480GHz
- b. Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates; <+20dBm EIRP (100mW)

This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries, except in France and Italy where restrictive use applies.

In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.

This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 - 2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.

### Country Specific Statements

български [Bulgarian] С настоящото Технология Брейди декларира, че това устройство i7500 е в съответствие със съществените изисквания и други приложими разпоредби на Директиви 2014/53/EU

Hrvatski [Croatian] Tehnologija Brady ovim putem izjavljuje da je ovaj uređaj i7500 sukladan osnovnim zahtjevima i ostalim bitnim odredbama Direktiva 2014/53/EU

Česky [Czech] Technologie Brady tímto prohlašuje, že tento i7500 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53/EU.

Dansk [Danish] Undertegnede Brady teknologi erklærer herved, at følgende udstyr i7500 overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU.

Deutsch [German] Hiermit erklärt Brady-Technologie, dass sich das Gerät i7500 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet.

Eesti [Estonian] Käesolevaga kinnitab Brady tehnoloogia seadme i7500 vastavust direktiivi 2014/53/EU põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

English Hereby, Brady Technology, declares that this i7500 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Español [Spanish] Por medio de la presente Tecnología Brady declara que el i7500 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/EU.

Ελληνική [Greek] ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Τεχνολογία Brady ΔΗΛΩΝΕΙ ΟΤΙ i7500 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/EU.

Français [French] Par la présente Technologie Brady déclare que l'appareil i7500 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/EU.

Íslenska [Icelandic] Hér, Brady tækni, því yfir að þetta i7500 tæki er í samræmi við grunnkröfur og önnur viðeigandi ákvæði tilskipana 2014/53/ EU

Italiano [Italian] Con la presente Tecnologia Brady dichiara che questo i7500 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/EU.

Latviešu valoda [Latvian] Aršo Brady tehnoloģija deklarē, ka i7500 atbilst Direktīvas 2014/53/EU būtiskajām prasībām un citiemar to saistītajiem noteikumiem.

Lietuvių kalba [Lithuanian] Šiuo Brady technologija deklaruoja, kad šis i7500 atitinka esminius reikalavimus ir kitas 2014/53/EU Direktyvos nuostatas.

Nederlands [Dutch] Hierbij verklaart Brady-technologie dat het toestel i7500 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU.

Malti [Maltese] Hawnhekk, Teknologija Brady, jiddikjara li dan i7500 jikkonforma mal-htigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 2014/53/EU.

Magyar [Hungarian] Alulírott, Brady technológia nyilatkozik, hogy a i7500 megfelel a vonatkozó alapvető követelményeknek és az 2014/53/EU irányelv egyéb előírásainak.

Norsk [Norwegian] Herved Brady-teknologi, erklærer at denne i7500 enheten, er i samsvar med de grunnleggende kravene og andre relevante bestemmelser i direktivene 2014/53/EU

Polski [Polish] Niniejszym Technologia Brady'ego oświadcza, że i7500 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2014/53/EU.

Português [Portuguese] Tecnologia Brady declara que este i7500 está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/EU.

Română [Romanian] Prin prezenta, Tehnologia Brady declară că acest dispozitiv i7500 este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/53/EU

Slovenščina [Slovenian] Tehnologija Brady izjavlja, da je ta i7500 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2014/53/EU.

Slovenčina [Slovak] Technológia Brady týmtovyhlasuje, že i7500 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 2014/53/EU.

Suomi [Finnish] Brady tekniikka vakuuttaa täten että i7500 tyyppinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Svenska [Swedish] Härmed intygar Brady-teknik att denna i7500 står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/EU

## Japan

MIC \ TELEC: 005-102490

MIC \ TELEC: 201-220017

当該機器には電波法に基づく、技術基準適合証明等を受けた特定無線設備を装着している。

## International

The Wi-Fi radio module used in Brady host printers comply with internationally recognized standards covering human exposure to electromagnetic fields, i.e. EN 62311 "Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)".

## United Kingdom

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.

Radio Equipment Regulations 2017

Electromagnetic Compatibility Regulations 2016

Electrical Equipment (Safety) Regulations 2016

- a. Frequency band(s) in which the radio equipment operates; 2.402GHz to 2.480GHz
- b. Maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates; < +20dBm EIRP (100mW)

## Nigeria

Connection and use of this communications equipment is permitted by the Nigerian Communications Commission.