



Quick Start Guide

www.bradyid.com/labxpert



Welcome to the LABXPERT™ Laboratory Labeling System, Brady's newest laboratory labeling printer!

Use this Quick Start Guide to begin using your printer immediately. Refer to the LABXPERT™ Laboratory Labeling System User's Manual for details and additional information.

Check Package Contents

Before you begin setting up the printer, verify that you have received the following items in your packaging:

- LABXPERT™ Printer
- A/C Power Supply
- Free Media Cartridge: XSL-86-461
- PC Communication Cable
- Printed Quick Start Guide
- Product CD containing
 - ◆ Quick Start Guide
 - ◆ Sample Label Tutorial
 - ◆ User's Manual
 - ◆ Link to Product Registration/Warranty
 - ◆ Printer Driver

Register Your Printer

Register your LABXPERT™ Printer on-line at www.bradyid.com/labxpertregistration or link to this site automatically from within the product CD.

Cartridges available for your LABXPRT™ Laboratory Labeling System:

Material	Description	Application
B-461	Self-laminating Polyester	Extremely low profile material for self-laminating vial, tube, and slide ID. <i>Withstands liquid nitrogen (-195° C), freezer (-80° C), autoclave, hot water bath, and centrifuge. Low profile prevents jamming in racks and centrifuge.</i>
B-427	Self-laminating Vinyl	Self-laminating vial, tube, slide, straw, and bottle ID. <i>Withstands liquid nitrogen (-195° C), and freezer (-80° C).</i>
B-488	Chemical Resistant Matte Polyester	Chemical-resistant label for slides, plates, bottles, and general laboratory ID. <i>Withstands Xylene, DMSO, Ethanol, freezer (-80° C), autoclave, and hot water bath.</i>
B-490	White Polyester Freezerbondz™	Adheres to frozen surfaces including vials, glass, and polypropylene stored in liquid nitrogen. <i>Note: When applying, material should wrap around to re-touch itself.</i>
B-499	Nylon Cloth	Permanent adhesive – for general laboratory ID, vial, tube, slide, bottle, and box ID. <i>Withstands liquid nitrogen (-195° C), freezer (-80° C), and autoclave.</i>
B-498	Vinyl Cloth	Repositionable adhesive – for general laboratory ID, vial, tube, slide, bottle, and box ID. <i>Withstands freezer (-80° C).</i>
B-351	Tamper-evident Vinyl Seals	Security ID for bottles, vials, test tubes, well plates, boxes, and general lab applications requiring evidence of tampering.

Note: For specific part numbers, consult product literature or your Brady distributor.

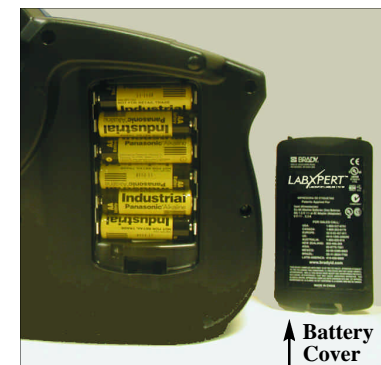


Set Up Your Printer

Step 1. Install the batteries or connect to power. Insert six AA alkaline batteries (not included).

1. Remove the battery cover located on the backside of the printer.
2. Install the batteries as shown. See inside the battery compartment for the battery positioning grid.
3. Close the battery compartment.

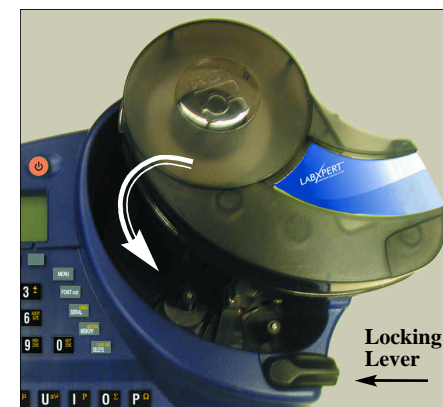
The printer can also be powered by use of the A/C adaptor.



Step 2. Replace material cartridge.

Your printer ships with a cartridge installed. Follow these instructions to replace the existing cartridge.

1. Turn the locking lever down to unlock the cartridge.
2. Locate the cartridge release button on the backside of the printer and push firmly to eject cartridge.
3. Remove the existing cartridge.
4. Install the new cartridge as shown.
5. Turn the locking lever up to lock both the cartridge and printhead.



Thanks to innovative smart-cell technology, the LABXPRT™ printer recognizes the label material and automatically adjusts to it, saving setup time and effort.

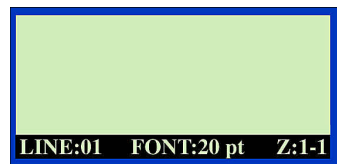
Step 3. Turn the printer on.

Press the **POWER** key. 

Understand the display screen and menu

Display Screen

When the **Power** button is pressed, the display screen appears.



The display allows you to see up to three lines of text and 16 characters per line. The display auto-scrolls when you enter more than the maximum displayed lines or characters. Use the arrows on your keypad to navigate the screen.

Status Bar

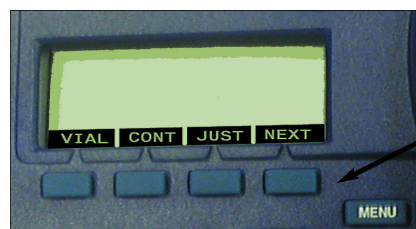
The status bar, located on the bottom of the display, indicates the current text line, font size, and label zone.

Menu

Use the menu and related softkeys to perform many of the label formatting commands. *See the **Menu Tree** on page 10 of this guide.* To access the menu:

Step 1. Press **MENU**.

When the **Menu** key is pressed, a series of menu choices appears. The blue softkeys correspond to the menu choices shown on the screen.



Step 2. Press **NEXT** to advance to the next set of menu choices.



Pressing **NEXT** again cycles back to the first set of menu choices when the last menu choice is reached.

Step 3. Press **DELETE** to either back up to the previous menu level, or exit menu mode and return to the text editor screen.



Create labels

Follow these instructions to create and print a basic label. Refer to the LABXPert™ Laboratory Labeling System Sample Label Tutorial for step-by-step instructions for creating more varieties of labels. In addition, for details and information on advanced features, see the LABXPert™ Laboratory Labeling System User's Manual.

Step 1. Press **POWER**.



Step 2. Press **FONT SIZE**.



The display screen shows the current font size and bold status.

Note: See the **Font Size Chart** on page 11 of this guide.

FONT: 10 pt
Bold: OFF

Step 3. Use the **up/down** arrow softkeys – or the arrows on your keypad –



to select a font size.

Step 4. Press the **[BOLD]** softkey to toggle bold **ON** or **OFF**.

Step 5. Press **ENTER**.



Step 6. Type text. Press **ENTER** after each line of text.

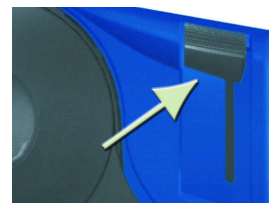
Note: You may also select from a list of symbols to include on your label. See the **Symbol Library** on page 12 of this guide.

Step 7. Press **PRINT**.

For multiple copies, press **FUNCTION + PRINT/MULTI-PRINT**.



Step 8. Pull the cutter lever down to cut the label.



Save and recall a label

You may save up to ten labels and recall them for future use. To save, recall, and delete labels from memory:

Step 1. Press **MEMORY**.

A grid appears showing the ten storage positions. A **bold** number indicates that a storage position is occupied.

1	2	3	4	5
6	7	8	9	10
xc-1000-461				
ABC				

Step 2. Use the arrows on your keypad   to navigate to the desired storage location on the grid.

Step 3. Press the softkey that corresponds to the action you want to perform:

- To save a label, press the **Save [SAVE]** softkey.
- To recall a label from memory, press the **Recall [RCL]** softkey.
- To delete a label from memory, press the **Delete [DEL]** softkey.







Additional label formatting options

Symbols can be added to your label. See the *Symbol Library* on page 13 of this guide. To add a symbol:

- Press  + .

A list of symbol categories appears:

Greek
PPE/Mandatory
Hazard Warning
.....

- Use the **up/down** arrow softkeys – or the arrows on your keypad –   to scroll through the symbol categories.
- Press  to select a category.
- The symbols appear, one at a time, for the category selected. Use the **up/down** arrow softkeys – or the arrows on your keypad –   to scroll through the symbols in the selected category.
- Press  to select a symbol. The symbol will appear on the display screen in the place where you have set your cursor. Some symbols appear as generic character symbols on the display, but will appear correctly when printed.



LABXPRT™
LABORATORY LABELING SYSTEM

Font and Bold settings are set on a line-by-line basis. To change the font size or boldface text:

- Press **FONT SIZE**. 

The display screen shows the current font size and bold status.

FONT: 10 pt
Bold: OFF

- Use the **up/down** arrow softkeys – or the arrows on your keypad –   to select a font size.
- Press the **[BOLD]** softkey to toggle bold **ON** or **OFF**.

Formatting with menu choices

The smart cell recognizes the cartridge material installed in the printer and automatically sets many label formatting options. The following menu choices allow you to add or change the formatting:

Note: See the *Menu Tree* on page 10 of this guide for a listing of submenus related to each section.

To perform a type of formatting, press MENU and the corresponding softkey	Softkey
Vial – Choose from available sizes of .6 ml, 1.5 ml, 1.8 ml, 2-4 ml, 15 ml, 50 ml, and AUTO. Note: Selecting AUTO will clear a previously set vial size.	VIAL
Continuous – Choose AUTO for label length that is determined by font size and characters entered, LEN (length) to enter specific length, or SEP (separator) to enter option of NONE, TIC, or LINE.	CONT
Justify – Set horizontal and vertical justification of label data.	JUST
Rotate – Set rotation of label data to 0, 90, 180, or 270 degrees.	ROT
Units – Change units (to inches, millimeters, or points) for displaying label and font sizes.	UNIT
Barcode – Add Code 39 or Code 128 barcodes.	BAR
Set Time – Set the time to print a real-time stamp on your label.	TIME
Set Date – Set the date to print a real-time date stamp on your label.	DATE
Language – Change the default language.	LANG

Guide to Keys



POWER – powers on the printer. Press the power button again to power off the printer. The printer automatically shuts off after ten minutes of non-use.

FUNCTION

FUNCTION – accesses a secondary function or character when pressed along with the desired key. A secondary function or character is shown in yellow on each button.



ARROW – adjusts cursor positioning by one character or one line.

FUNCTION + ARROW – adjusts cursor positioning to the first or last character position or line.



ENTER – creates a new line when typing text.

Pressing ENTER confirms menu selection when in MENU mode.



DELETE – clears the character immediately behind the cursor position.

FUNCTION + CLEAR/ESC – brings up two choices on the display:

Clear Text? – clears the text only.

Clear All? – clears all text and formatting, including font size.

When in MENU mode, the CLEAR/ESC function backs out of the menu.

This works whether or not you use it in conjunction with the FUNCTION key.



PRINT – prints one copy of the legend.

FUNCTION + MULTI-PRINT – prints up to 99 copies of the legend.



FONT SIZE – displays font size and allows font size changes through softkeys. See the *Font Size Chart* on page 10 of this guide. Also toggles **bold** on and off.



MENU – toggles through softkey menu options and displays additional softkey choices.



FEED – feeds material through the printer without printing (for fixed length continuous labels in order to advance the label strip to the cut position).



MEMORY – accesses Save, Recall, Delete softkeys used to store legends.

FUNCTION + BAR CODE – toggles between text and barcode mode.



SERIAL – performs a standard serialization of the character on which the cursor is placed. A serialization results in a series of label data that is incremented by one number (0-9) and/or one letter (A-Z, a-z).

FUNCTION + SYMBOL – accesses the symbol library.

See the *Symbol Library* on page 12 of this guide.

Guide to Keys



SPACE – creates a space between characters when creating legends.

FUNCTION + CAPS LOCK – toggles CAPS on and off.



FUNCTION + INTERNATIONAL CHARACTERS – brings up a selection of international characters. Use either the softkey or keypad arrows to navigate the character menu.



FUNCTION + PREV ZONE – navigates to the previous zone when entering text and when viewing or editing previously entered text on continuous or die-cut labels, in pre-defined zones. When using a zone that is not pre-defined, this only functions for viewing or editing previously entered text.



FUNCTION + NEXT ZONE – navigates to the next zone when entering text and when viewing or editing previously entered text on continuous or die-cut labels, in pre-defined zones. When using a zone that is not pre-defined, this functions only for viewing or editing previously entered text.



FUNCTION + SUPER then entering character(s) – enables the formatting of entered character(s) to display and print as superscript.



FUNCTION + SUB then entering character(s) – enables the formatting of entered character(s) to display and print as sub-script.



FUNCTION + INSERT TIME – enables insertion of the time by hour and minute (the current time appears by default) or in 12/24 hour format.

Note: Pressing **FUNCTION** + the **fourth softkey** while in the **TIME** menu toggles lock/unlock access for changing the time.

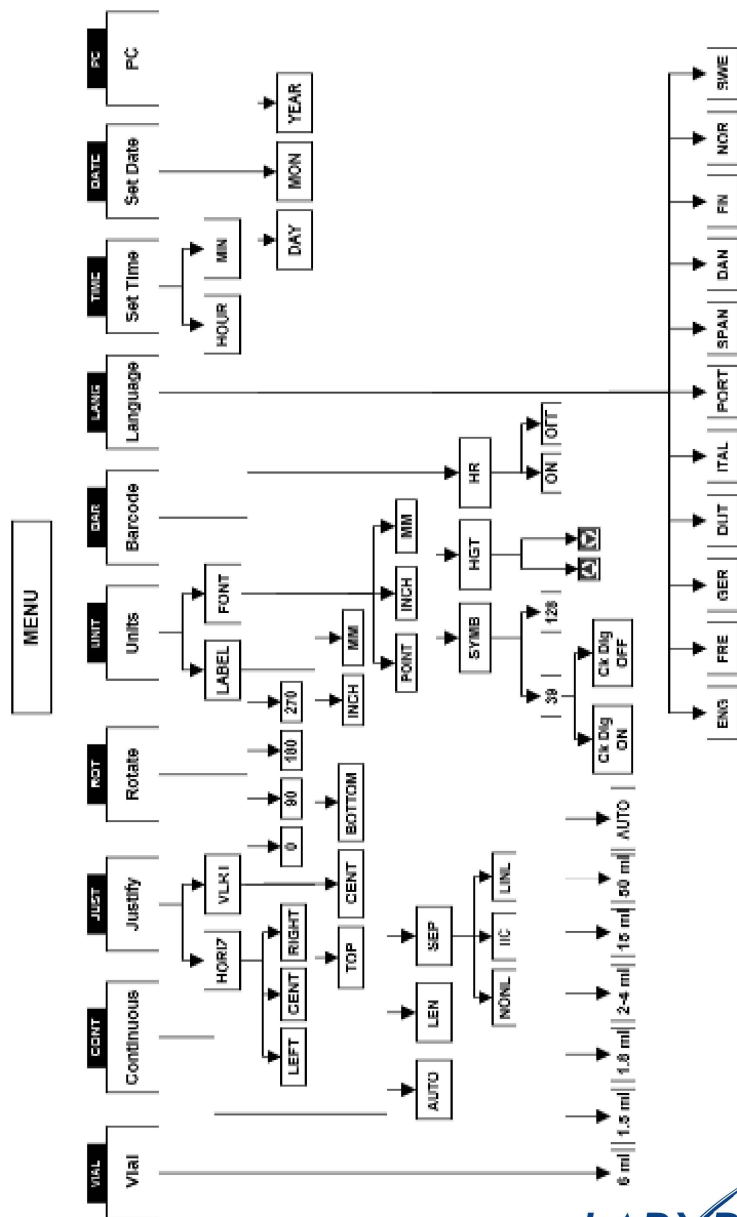


FUNCTION + INSERT DATE – enables insertion of the date by day, month, and year (current date appears by default). **Note:** Pressing **FUNCTION** + the **fourth softkey** while in the **DATE** menu toggles lock/unlock access for changing the date.



FUNCTION + CREATE ZONE – reserved for future use.

Menu Tree



LABXPERT™
LABORATORY LABELING SYSTEM

Font Size Chart

Point Size	Inch	mm	Print Sample
4	.04	1	Brady 12345
6	.05	1.4	Brady 12345
7	.06	1.5	Brady 12345
10	.10	2.5	Brady 12345
13	.13	3.3	Brady 12345
20	.20	5.1	Brady 12345
26	.25	6.4	Brady 12345
38	.38	9.6	Brady 12345
45	.45	11.0	Brady 1234
51	.50	13.0	Brady 123
76	.75	19.0	Brady 1
102	1.00	25.0	Brady

Quick Start Guide

Symbol Library

Greek Symbols	α	β	μ	ρ	Σ	Υ	Δ	λ
	Ω	σ	π	θ	ψ	A	X	
Laboratory Symbols								
PPE/Mandatory								
Hazard Warning								

Symbol Library

Prohibition							
First Aid/Fire							
Haz Mat's (WHMIS)							
Haz Mat's (HSID) European							
Arrows/Misc.							

Technical Support

Choose one of the following options to contact system support provided by Brady:

US and Canada

Phone: (800) 643-8766, Monday - Friday 7:00 a.m. - 6:00 p.m. (CST).

Fax: (414) 358-6767.

E-Mail: tech_support@bradycorp.com.

Assistance is available 24 hours per day / 7 days per week.

Go to: www.bradycorp.com, and then select *Knowledge Base* from the left-hand panel.

Belgium / Luxembourg /

The Netherlands

Phone: +32 52 457 397

Fax: +32 52 457 800

E-Mail: tsbelgium@bradycorp.com

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Portugal

Malta

Russia

