BRADY®

WHEN PERFORMANCE MATTERS MOST™

BMP®41 **LABEL PRINTER**
QUICK START GUIDE

Unpack Your Printer

The following items are included in the standard BMP®41 Label Printer package:

- BMP®41 Label Printer
- BMP41-BP NiMH Battery Pack (M41-BATT)
- MC1-1000-595-WT-BK cartridge
- USB connection cable (M41-USB)
- AC adapter (M41-AC)
- Product CD
- Brady Printer Drivers CD
- Quick Start Guide

The following items are accessories available for the BMP®41 Label Printer:

- Hard-sided carrying case (M41-HC)
- BMP41-BP NiMH Battery Pack (M41-BATT)
- Magnet (M41-MAGNET)

These items can be purchased separately or as a kit from your distributor.

Save Your Packaging

The packaging surrounding your BMP®41 Label Printer should be saved in the event you have to ship the printer and accessories back to the supplier.

⚠ **WARNING**

Never ship the BMP®41 Label Printer without first removing the BMP-UPB Nickel Metal Hydride battery pack from the printer.

If shipping both the printer and battery pack, remove the battery pack from the printer and place the items in the original shipping material before transporting. Batteries must be shipped according to state, federal, or municipal regulations. Consult your courier before shipping lithium-ion battery packs.

Register Your Printer

Register your printer on-line at www.bradycorp.com/register.

External View

1	Power key	5	Navigation pad with ENTER key
2	Function keys	6	Thumb Drive-Port
3	Print key	7	AC Adaptor Port
4	Feed key	8	USB Port

⚠️ **WARNING**

Avoid using the system near water, in direct sunlight, or near a heating device.

Do not attempt to use batteries other than those recommended in this manual.

Setting Up the Printer

Power is supplied to the BMP$^{®}$41 Label Printer through a BMP41-BP NiMH battery pack, or through an AC power adapter.

⚠ WARNING

Do not disassemble or mistreat the battery pack.

The Battery Pack should only be used in the BMP$^{®}$41 Label Printer.

Do not use any other rechargeable battery pack other than the BMP-UBP in the BMP$^{®}$41 Label Printer.

Do not allow metal or other conductive materials to touch the battery terminals.

Store your battery pack only in a cool, dry place.

The battery pack must be recycled or disposed of properly according to federal, state, and municipal regulations.

Do not expose cells or batteries to heat or fire. Avoid storage in direct sunlight.

Do not short-circuit a cell or a battery.

Do not use any charger other than that specifically provided for use with the equipment.

Do not use any cell or battery which is not designed for use with the equipment.

Do not mix cells of different manufacture, capacity, size or type within a device.

Secondary cells and batteries need to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions.

Loading the BMP41-BP NiMH Battery Pack

1. On the backside of the printer, push down on the door release latch and swing the battery compartment door up and out. (The door will come off.)

2. With the battery label facing outward, insert the battery pegs into the peg slots at the top of the compartment; then tip the battery downward into place.

3. Re-insert the battery door hinges at the base of the compartment and swing the battery compartment door closed, snapping it into place.

Meccanismo di sgancio dello sportellino   Asole per le spine del comparto batterie

Cerniere

Adapter

The printer can be powered through a designated AC power adapter. When the adapter is plugged in, it will also charge the BMP41-BP NiMH battery pack if one is inserted in the battery compartment.

⚠️ **WARNING**

Use only the 18 VDC, 3.3A, Brady AC/DC adapters, shown below, for supplying power to the BMP®41 Label Printer.

1. Insert the round end of the adapter cable into the plug-in port on the back of the printer.

2. Plug the other end of the cord into an electrical outlet.

Load Cartridge

To load the cartridge:

1. To open the printer cover, push or pull up on the finger tab.

2. Holding the hinged fin, drop the cartridge into the cartridge well, pushing gently until it snaps into place. Slide the locking lever to the right to lock the cartridge in place.

Close the cover by pushing down on it until it snaps into place.
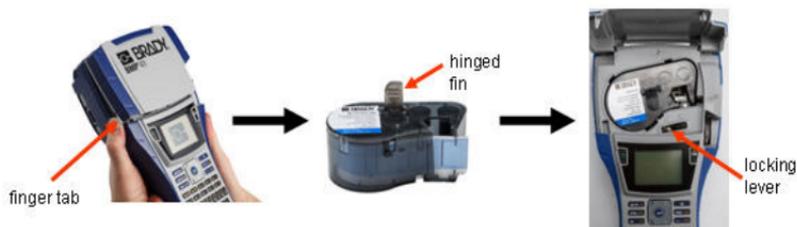
Unload Cartridge

To remove the cartridge:

1. To open the printer cover, push or pull up on the finger tab.

2. To unlock the cartridge, slide the locking lever to the left.

3. On the back of the printer, push the round eject button to pop the cartridge up. Then, grasping the hinged fin, pull the cartridge out of the cartridge well.
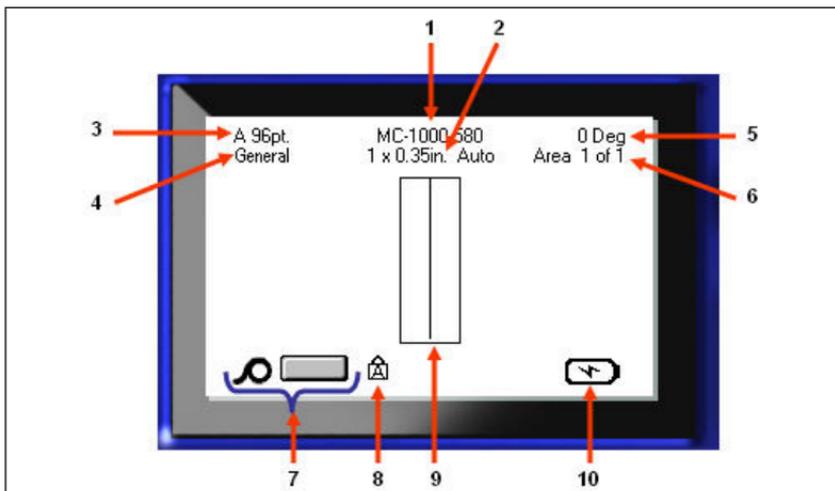
Power On

To turn the printer on or off:

1. Press [⏻] .

Display Screen

1	Label part number	**6**	Number of areas on current label
2	Label size	**7**	Media remaining
3	Font size, with Auto size indicator	**8**	Indicates CAPS Lock is on
4	Label type	**9**	Editor window
5	Degree of rotation	**10**	Battery charging/or charge remaining

Menus

Main menus display at the bottom of the display screen when a Function key is pressed. To access menus:

1. Press the key for the function you want to use.

2. Press left/right navigation keys to move through the main menus.

3. Press up/down navigation keys to move through the sub-menus.

4. To select a menu option, press .
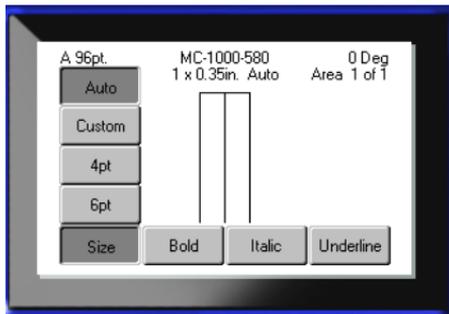
Dialog Boxes

Some menus display dialog boxes rather than sub-menus.

> **Note:** You will know that a dialog box is associated with a menu if a sub-menu does not immediately pop up when highlighting the main menu option.

To access the dialog box, with the desired main menu selected:

1. Press .

A dialog box displays.

2. Press the up/down and left/right navigation keys to move to the different fields.
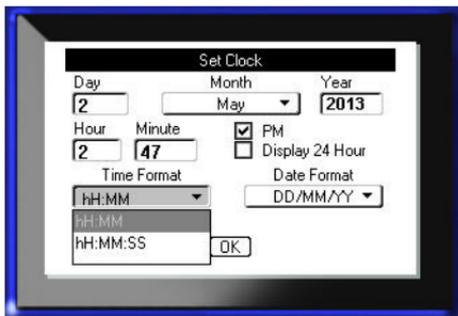
Drop Down Field Lists

If a field has a drop down list associated with it, a downward facing arrow displays on the right side of the field. To select an option from the drop down list:

1. Press ⬅ to open the drop down list.

2. Use up/down navigation keys to highlight the desired option.

3. Press ⬅ to select the option.
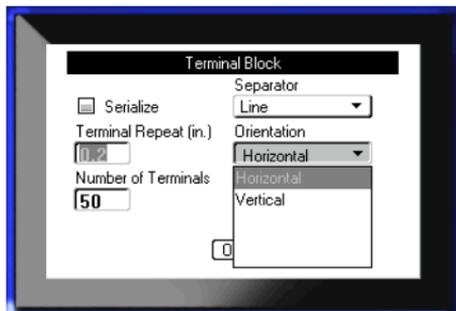
Data Fields

In fields requiring user-supplied data:

1. Navigate to the data field.

2. Enter data using the keyboard.

3. Use navigation keys to move off the field after entering data.

Spinner Boxes

A spinner box lets you toggle through a range of values in a field. To use a spinner box:

1. Navigate to the field containing the spinner box.

2. Press ⬅.

3. Use the up/down navigation keys to toggle through the range of values.

4. When the desired value is reached, press ⬅.

Spinner boxes
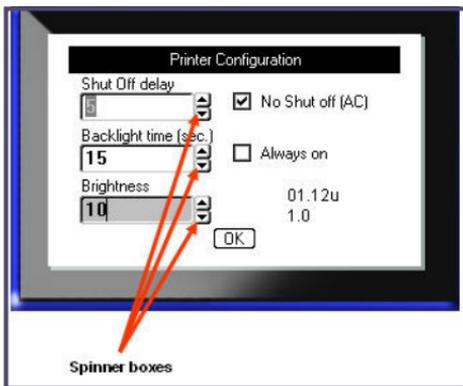
Radio Buttons and Option Boxes

To check or uncheck a radio button or option box:

1. Navigate to the desired option.

2. Press ⊙.
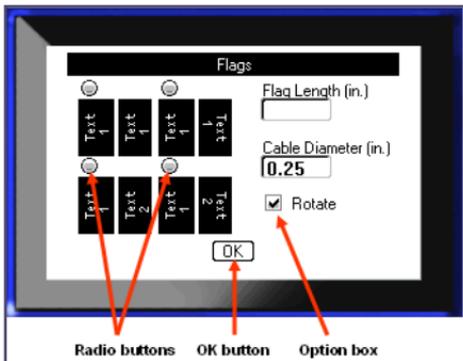
Accept Dialog Box Edits

To accept all edits in a dialog box:

1. Navigate to ⌊ OK ⌋.

2. Press ⊙.

Radio buttons   **OK button**   **Option box**

Cancel a Menu or Dialog Box

To cancel a menu or dialog box, without accepting changes:

1. Press Backspace ⟵ CLEAR .

Navigation and Editing Keys
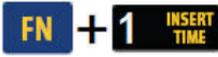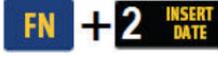
Function	Key	Description
Navigation Keys		Navigation keys: • In a line of text, move the cursor left or right a character at a time, or up and down a line at a time. • In menus, move the selection left or right in a primary menu; up or down through a secondary, or sub-menu. • In a dialog box, move up/down or left/right through the fields. In a field with a drop down list, after pressing ENTER, move the cursor up or down through the list. • In Print Preview, scroll left or right through multiple areas on a label.
ENTER Key		• Adds a new blank line to a label. • Accepts menu items and attributes.
Alternate Function Key	FN	• Used in conjunction with the alternate function (displayed in yellow) on some of the keys. Press FN key, then press the alternate function key. OR Hold the FN key while simultaneously pressing the alternate function. • Used to access special characters on the alphabetical keys.
Backlight Key	FN + SPACE	Increases readability of screen in low light conditions.
Backspace Key	← CLEAR	• Removes characters one at a time, moving to the left. • Backs out of menu options and functions, one screen at a time. Note: Depending on how deep you are into menus and functions, you may have to press Backspace multiple times.

Function	Key	Description
Caps Lock Key	**FN** + FONTS CAPS	Acts as a toggle to lock text into uppercase as data is entered.
Clear Key	**FN** + ← CLEAR	• Clears data from the screen. • Cancels menu options and dialog boxes without saving changes.
Superscript Key	**FN** + SUP Q	Places the next typed character in superscript format, displaying slightly above the line of text.
Subscript Key	**FN** + SUB W	Places the next typed character in subscript format, displaying slightly below the line of text.
Move to Next Area	**FN** + NEXT AREA AREA	On a multi-area label, moves to the next area from the current area.
Move to Previous Area	**FN** + PREV A REA ⓘ	In a multi-area file, moves to the previous area from the current area.
Highlight Text	**SHIFT** + (navigation key)	Highlights (selects) text on the editing screen, left or right a character at a time, enabling you to add font attributes (bold, italics, underline) to text already entered. Hold the [SHIFT] key while pressing the left or right navigation key.
Font Size Increment	**SHIFT** + (navigation key)	On the editing screen, increases or decreases the font size, a point at a time. Hold the [SHIFT] key while pressing the up or down navigation key.
Decimal Point	**FN** + L	Adds a decimal point in measurement fractions (e.g., 0.25).

Function Keys

Option	Key	Function
Setup Key	**FN** + **PREVIEW SETUP**	Defines the printer's default parameters.
Print Preview Key	**PREVIEW SETUP**	Previews the label as it will look when printed.
Serial Key	**FN** + **SETTINGS SERIAL**	Sets the values for single, multiple, or linked serialization.
Label Settings	**SETTINGS SERIAL**	Provides formatting that affects the entire label (e.g., centering data on the label, framing the label, rotating data).
File Key	**FN** + **LABEL TYPE FILE**	Saves, opens, or deletes a set of labels.
Label Type Key	**LABEL TYPE FILE**	Accesses the different applications/ label types installed (i.e., wiremarker, flags, terminal blocks, etc.).
Font Key	**FONTS CAPS**	Provides font sizes and attributes (such as bold and italics).
Print Key	**MULTI PRINT**	Prints all labels in a label file.
Multi-Print Key	**FN** + **MULTI PRINT**	Brings up options to set various print parameters (such as number of copies, print range, and mirror print) before printing.
Feed Key	**FEED**	Feeds the media through the printer.
Symbol Key	**SYMBOL**	Accesses the various symbols (graphics) available in the printer.

Option	Key	Function
Barcode		Places a text string in Barcode format, toggling the barcode on and off.
International Key	PREV AREA	Accesses characters specific to some international alphabets with diacritical and accent marks incorporated into the characters.
Insert Time Key	FN + 1 INSERT TIME	Inserts the current time, as set on the printer.
insert Date Key	FN + 2 INSERT DATE	Inserts the current date, as set on the printer.
Area Key	NEXT AREA AREA	Adds, removes, and formats areas on a label.

Create a Label

Entering Text

The vertical line is the cursor and is the starting point for every label you create using the BMP®51 printer. Begin entering text at the position of the cursor. The cursor moves across the screen as you enter data. If you want another line of text, press the ENTER key.

Inserting Text

To insert additional text within a line of text:

1. Using navigation keys, position the cursor at the point where text should be inserted.
2. Enter the text.

Existing data positioned to the right of the cursor moves progressively to the right to make room for the inserted text.

Font Size

Font size applies to an entire line of data at a time. To change the size of the chosen font:

1. Press Font .
2. Press the Up or Down navigation arrows to choose the font size desired.
3. Press .

Deleting Text

To remove characters, one at a time, from the position of the cursor TO THE LEFT (backwards):

1. Position the cursor to the right of the characters you want to delete.
2. Press Backspace , once for each character to delete .

Clear Data

To Clear all text on a label:

1. Press Clear **+** .
2. Select , then press .

Save a Label

To save labels as a file:

1. Press File

   FN + **LABEL TYPE** **FILE** .

2. Choose   Save , then press .

3. In the <New File> entry box, enter a name for the label file and press .
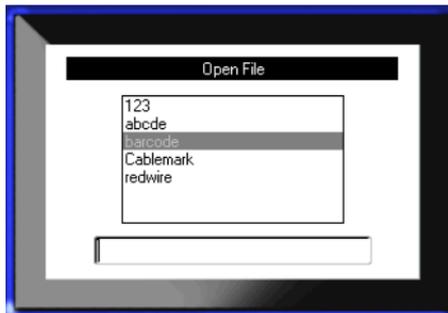
Open a File

To open (recall) a saved file:

1. Press File

   FN + **LABEL TYPE** **FILE** .

2. Choose   Open , then press .

A list of previously saved files displays.

3. Using navigation keys, choose the file to open, then press .
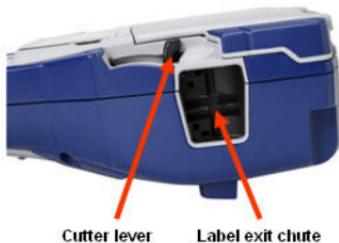
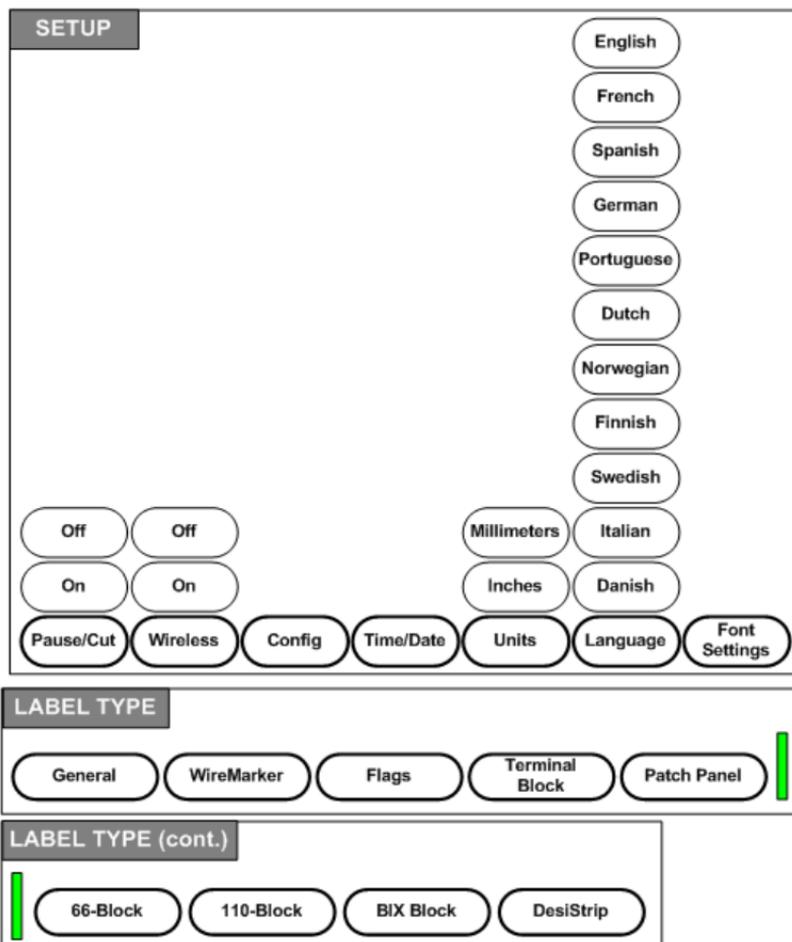## Printing a Label

To print a label:

1. Press PRINT **MULTI PRINT** .

When the cut label message displays:

2. Push the cutter lever down as far as it will go.

Cutter lever   Label exit chute

Function Key Menu Tree

Function Key Menu Tree (continued)

FONT

Auto				50%
Custom				70%
4 pt				80%
6 pt				90%
7 pt	Off	Off	Off	100%
9...102 pt	On	On	On	125..200%
Size	Bold	Italic	Underline	Exp/Cond

FILE

Save	Open	Delete

SYMBOL

Arrows	Datacomm	Electrical	Exit	Fire

SYMBOL (cont.)

First Aid	CLP/GHS	Greek	HSID	International

SYMBOL (cont.)

Laboratory	Mandatory	Misc	Packaging	PPE

SYMBOL (cont.)

Prohibition	Public Info	Safety	Warning	WHMIS

Function Key Menu Tree (continued)

LABEL SETTINGS

- H. Justify: Right, Center, Left
- V. Justify: Bottom, Middle, Top
- Rotate: 0, 90, 180, 270
- Frame: None, Rounded Narrow, Rounded Medium, Rounded Wide, Rect Narrow, Rect Medium, Rect Wide
- Reverse: Off, On
- Vertical: Off, On
- Barcode: Auto, Fixed, Length

AREA

- Area
- Goto
- Delete
- Add
- H. Justify: Right, Center, Left
- V. Justify: Bottom, Middle, Top
- Rotate: 0, 90, 180, 270
- Frame: None, Rounded Narrow, Rounded Medium, Rounded Wide, Rect Narrow, Rect Medium, Rect Wide
- Reverse: Off, On
- Vertical: Off, On

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