TLS2200TM

Thermal Labeling System

Training Guide



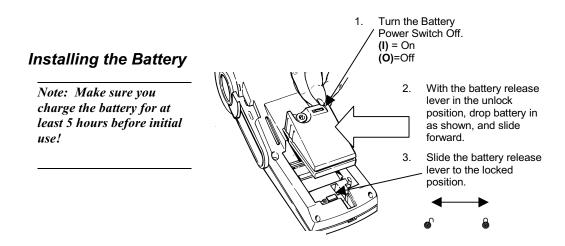


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Setting Up the TLS2200™

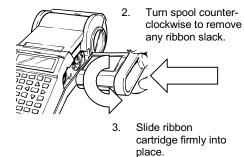


Turning the Power On

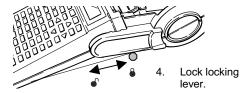
Turn the battery power switch on (I). (See illustration above.) The status bar will always appear on the first line of the display.

Label Format (Component, Wire) Legend Type (Text, Barcode) Line No. Font Size (1-19) Horizontal Character Position

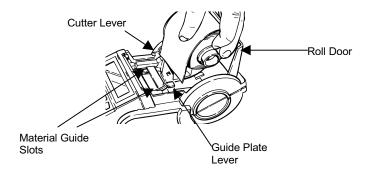
Installing a Ribbon Cartridge



 Unlock locking lever.



Removing/Installing a Marker Roll



To remove a marker roll:

- 1. Cut off printed labels with the cutter lever.
- 2. Open the roll door.
- 3. Slide the locking lever to the unlock position.
- 4. Back the markers out of the material guide slots.
- 5. Pull the marker roll out of its cradle.

To install a marker roll:

- 1. Slide the locking lever to the lock position.
- 2. Turn the power switch on.
- 3. Open the roll door.
- Pressing the guide plate lever down, slide and snap it into a notch that matches your marker roll width.
- 5. Making sure labels unwind from the top, snap the marker roll firmly into cradle.
- 6. Press **<Enter>** to clear the "ERROR No Label Present" message.
- 7. Feed leading edge of marker roll through the guide slots.
- 8. Press **Feed>.** (Continue to manually push marker roll edge until it catches.)
- 9. Close the roll door.

Tutorials

The following pages provide step-by-step instructions for creating and printing labels using a variety of different printer functions.

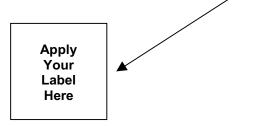
General Guidelines

Follow these guidelines when working through the tutorials. If there is an exception, it will be clearly noted at the start of the individual tutorial.

- Use marker roll part PTL-19-423. A sample roll of this 1" x 1" label is provided in your TLS2200™
 Thermal Labeling System package and has already been loaded in your unit.
- The setup status will be as follows:

H Justify	Center
V Justify	Center
Rotation	0 Degrees
Format	Component

- After printing your labels, use the cutter lever to cleanly cut the liner between labels.
- After cutting the label(s) from the roll, remove it from the liner and apply to the blank square found at the end of each tutorial.



Tutorials - Basic

Note: Refer to General Guidelines on page 6 before you begin these tutorials.

T1: Creating a One-Line Legend, Component Marker

Label to be printed:

1ØØA

- 1. Check the Status Bar to make sure the unit is in Component mode. If not, press **<Shift>** + **<Wire>** to toggle from Wiremarker mode to Component mode.
- 2. Enter **100A** on line one. (Font is set at default size 9)
- 3. Press < Print>.

T2: Creating a Component Label Utilizing Multiple Font Sizes

Label to be printed:



- 1. Press **<Legend Clear>** to clear the text from line one.
- 2. With the font size set at the default of 9, enter **MULTIPLE** on line one, then press **<Enter>**.
- 3. Press **<Shift>** + **< ^ >** three times to increase the font size to 12.
- 4. Enter **FONT** on line two, then press **<Enter>**.
- 5. Press **<Shift>** + **< ▼** > eight times to decrease the font size from 12 to 4.
- 6. Enter **SIZES** on line three.
- 7. Press **Print**.

T3: Creating a Wiremarker

Label to be printed:

- 1. Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default value of 9.
- 2. Press **<Shift>** + **<Wire>** to change format mode from *Component* to *Wire* (note the change from *C* to *W* on the LCD Status Bar).
- 3. Enter **1001** on line one.
- 4. Press **Print**.

T4: Creating Serialized Wiremarkers

Labels to be printed:

A2Ø1
A2Ø1
A2Ø1
A2Ø1
•
•
A2Ø5
A2Ø5
A2Ø5
A2Ø5

- 1. Press **<Legend Clear>** to clear the text from line one.
- 2. Press **<Shift>** + **<Wire>** to toggle from Component mode to Wiremarker mode.
- 3. Enter A201 on line one.
- 4. Press <-> to position the cursor under the last character.
- 5. Press **Func** + **Serial**.
- 6. When "No. to Serial?" prompt appears, enter **5**, then press **<Enter>**.
- 7. When "No. of Copies?" prompt appears, enter 2.
- 8. Press **<Enter>** or **<Print>**. The printer begins printing two each of the five wiremarkers listed above.

T5: Creating a Label with Rotated Text, Printing Multiple Copies

Label to be printed:



- 1. Check the Status Bar to make sure the unit is in Component mode. If not, press **<Shift>** + **<Wire>** to toggle from Wiremarker mode to Component mode.
- Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default size of 9.
- 3. Press **<Func>** + **<Setup>** to access the Setup Menu.
- 4. Press <▼> three times to move to the Style sub-menu, then press <**Enter>**.
- 5. With the cursor highlighted on *Rotation*, press **<Enter>**.
- 6. Press the <-> key once to select 90 Degrees.
- 7. Press **<Enter>**.
- 8. Press **Func>** + **Exit>** to exit back to the text editor screen.
- 9. Press **<Shift>** + **<->** key once to increase the font size to 10.
- 10. Enter **ROTATE** on line one, then press **<Enter>**.
- 11. Enter **TEXT** on line two.
- 12. Press <Func>+<Multi Print>.
- 13. When "No. of Copies?" prompt appears, enter **3**.
- 14. Press **<Enter>**. The printer prints three copies of the legend created above.

T6: Creating a Barcode Label

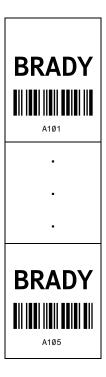
Label to be printed:



- 1. Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default value of 9.
- 2. Press **<Func>** + **<Setup>** to access the Setup Menu.
- Press <▼> three times to move to the Style sub-menu, then press <Enter>.
- 4. With the cursor highlighted on *Rotation*, press **<Enter>**.
- 5. Press the <▼> key once to select 0 Degrees.
- 6. Press **<Enter>**.
- 7. Press **Delete** to return to the Setup Menu.
- 8. Press the <-> key twice to select *Barcode*, then press **<Enter>**.
- 9. With the cursor highlighted on Bar Height, press **<Enter>**.
- Use the <▲> and <▼> keys as needed to set the height of your barcode to 8mm (0.31496 in.), then press <Enter>.
- 11. Press the <▼> key once to select *Human Readable*, then press <**Enter>**.
- 12. Press the <-> or <-> keys to toggle the human readable text ON, then press <- Enter>.
- 13. Press the <▲> or <▼> keys as needed to set the font size to 3, then press <Enter>.
- 14. Press **Func>** + **Exit>** to exit back to the Text Editor screen.
- 15. With the cursor highlighted on line one, press **<Shift>** + **<a>** two times to increase the font size from 9 to 11.
- 16. Enter **BRADY** on line one, then press **<Enter>**.
- 17. Press the **<Barcode>** key to toggle the Legend Type for line two from *Text* to *Barcode* mode (*B* is displayed on the Status Bar).
- 18. Enter A101 on line two.
- 19. Press < Print>.

T7: Creating a Serialized Barcode Label

Labels to be printed:



- 1. Repeat steps 1-17 from *Creating a Barcode Label*.
- 2. Press <-> to position the cursor under the last character.
- 3. Press <Func> + <Serial>.
- 4. When "No. to Serial?" prompt appears, enter **5**, then press **<Enter>**.
- 5. When "No. of Copies?" prompt appears, enter **1**.
- 6. Press **<Enter>** or **<Print>**. The printer begins printing one each of the five serialized barcode labels from **A101** to **A105**.

T8: Creating a Terminal Block Label



Note: This example assumes you have the terminal block marker roll **PTLTB-400-375** loaded in your printer.

Label to be printed:

101 102 103

104

1Ø5

1Ø6

1Ø7

1Ø8

1Ø9 11Ø

- 1. Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default value of 6.
- 2. Press **<Func>** + **<Setup>** to access the Setup Menu.
- 3. Press the <▼> key six times to select *Units*, then press **<Enter>**.
- 4. Press the <▲> or <▼> keys to toggle the Units to *Metric*, then press **<Enter>**.
- 5. Press the <-> key four times to select *Continuous*, then press <**Enter>**.
- 6. With the cursor highlighted on *Terminal Block*, press **<Enter>**.
- 7. Use the <-> and <-> keys as needed to set the terminal block repeat value to 6 mm, then press <Enter>.
- 8. Press **<Func>** + **<Exit>** to exit back to the Text Editor screen.
- 9. With the cursor highlighted on line one, press **<Shift>** + **<^>** once to increase the font size from 6 to 7.
- 10. Enter **101** on line one.
- 11. Press <**∢>**.
- 12. Press <Func> + <Serial>.
- 13. When "No. to Serial?" prompt appears, enter **10**, then press **<Enter>**.
- 14. When "No. of Copies?" prompt appears, enter 1.
- 15. Press **<Enter>** or **<Print>**. The printer should print ten times along the terminal block marker (**101** through **110**).
- 16. Press **Feed>** to advance printed terminal strip label to the cut position.

T9: Creating a Patch Panel Label



Note: This example assumes you have the continuous marker roll PTL-8-422 loaded in your printer.

Label to be printed:

C812 810

- Press <Shift> + <Form Clear> to delete all lines of text and reset the font to the 1. default value of 14.
- Press <Func> + <Setup> to access the Setup Menu. 2.
- 3. Press the <▼> key six times to select *Units*, then press **<Enter>**.
- 4. Press the <▲> or <▼> keys to toggle the Units to *Inches*, then press **<Enter>**.
- 5. Press the <-> key four times to select *Continuous*, then press **<Enter>**.
- 6. Press the <-> key once to select *Terminal Block*, then press <Enter>.
- 7. Use the <▲> and <▼> keys as needed to set the terminal block repeat value to 0.60039 in (15.25mm), then press **<Enter>**.
- 8. Press **<Func>** + **<Exit>** to exit back to the Text Editor screen.
- 9. With the cursor highlighted on line one, press <Shift> + <-> once to increase the font size from 5 to 6.
- 10. Enter C012 on line one, then press <Enter>.
- 11. Enter **01D** on line two.
- 12. Press the <-> key twice.
- Press <Func> + <Serial>. 13.
- 14. When "No. to Serial?" prompt appears, enter 12, then press <Enter>.
- 15. When "No. of Copies?" prompt appears, enter 1.
- Press **<Enter>** or **<Print>**. The printer should print twelve times along the patch 16. panel label (01D through 12D).
- 17. Press **<Feed>** to advance printed patch panel label to the cut position.

T10: Creating a Continuous Label



Note: This example assumes you have the continuous marker roll **PTL-8-422** loaded in your printer.

Print the following label to be used to identify communications equipment:

- 1. Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default value of 14.
- Press <Func> + <Setup> to access the Setup Menu.
- 3. Press the <▼> key three times to select *Style*, then press **<Enter>**.
- 4. Press the **<▼>** key once to select *H Justify*, then press **<Enter>**.
- 5. Press the <-> or <▼> keys to select *Left*, then press <**Enter>**.
- 6. Press the **<Delete>** button to exit back to the Setup Menu.
- 7. Press the <-> key once to select *Continuous*, then press <Enter>.
- 8. Press the <▼> key once to select *Banner*, then press **<Enter>**.
- 9. Press the <▲> or <▼> keys to toggle the direction to *Horizontal*, then press <**Enter**>.
- 10. Press **Func** + **Exit** to exit back to the Text Editor screen.
- 11. Enter **BX1.10H2CC 10 Base T HUB TO 2ND FLOOR CALL CENTER** on line one.
- 12. Press **Print**.

T11: Creating a Banner Label of Fixed Length



Note: This example assumes you have the banner marker roll **PTL-43-439OR** loaded in your printer.

Print the following label to be used to identify an electrical conduit:

- 1. Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default value of 19.
- Press <Func> + <Setup> to access the Setup Menu.
- 3. Press the <▼> key six times to select *Units*, then press **<Enter>**.
- 4. Press the <▲> or <▼> keys to toggle the Units to *Metric*, then press **<Enter>**.
- 5. Press the <-> key four times to select *Continuous*, then press <**Enter>**.
- 6. Press the <▼> key once to select *Fixed Length*, then press **<Enter>**.
- 7. Use the <▲> and <▼> keys as needed to set the fixed length repeat value to 143.000mm (5.62992 inches), then press <Enter>.
- 8. Press **<Func>** + **<Exit>** to exit back to the Text Editor screen.
- 9. Enter **220 VOLTS** on line one.
- 10. Press **<Print>**.
- 11. Press **<Feed>** to advance the banner to the cut position.

Tutorials – New in Version 3

Note: Refer to General Guidelines on page 6 before you begin these tutorials.

T12: Creating a Legend List, Component Markers

Labels to be printed:



- 1. Press **<List>**.
- 2. Press the <-> key once to select *Create*, then press **<Enter>**.
- 3. When "Enter List Name" prompt appears, enter LIST1, then press **<Enter>**.
- 4. When "Enter Part No." prompt appears, enter PTL-19-423, then press **<Enter>**.
- 5. Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default value of 9.
- 6. Enter **PANEL1** on line one.
- 7. Press **<Func>+<Save>**.
- 8. Press <Shift>+<Legend Clear>.
- 9. Enter **PANEL1A** on line one.
- 10. Press **<Func>+<Save>**.
- 11. Press <Shift>+<Legend Clear>.
- 12. Enter **PANEL2** on line one.
- 13. Press **<Func>+<Save>**.
- 14. Press <List>.
- 15. Press the <-> key twice to select *Print*, then press **<Enter>**.
- 16. When the "No. of Copies?" prompt appears, enter 1, then press **<Enter>**.

T13: Creating a Legend List Utilizing Multiple Font Sizes and Rotations.

Labels to be printed:



- 1. Press **<List>**.
- 2. Press the **<▼>** key once to select *Create*, then press **<Enter>**.
- 3. When "Enter List Name" prompt appears, enter LIST2, then press **<Enter>**.
- 4. When "Enter Part No." prompt appears, enter PTL-19-423, then press **<Enter>**.
- 5. Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default value of 9.
- 6. Enter **100A** on line one.
- 7. Press **<Func>+<Save>**.
- 8. Press <Shift>+<Legend Clear>.
- 9. Press **<Shift>+<•>** twice to reduce the font size to 7.
- 10. Enter **100B** on line one.
- 11. Press <Func>+<Save>.
- 12. Press <Shift>+<Legend Clear>.
- 13. Press **<Func>+<Setup>**.
- 14. Press the **<▼>** three times to select *Style*, then press **<Enter>**.
- 15. With the cursor on *Rotation*, press **<Enter>**.
- 16. Press the <-> three times to toggle to 270 Degrees, then press <Enter>.
- 17. Press **<Func>+<Exit>** to return to the Text Editor screen.
- 18. Enter **100C** on line one.
- 19. Press <Func>+<Save>.
- 20. Press <List>.
- 21. Press the **<▼>** key twice to select *Print*, then press **<Enter>**.
- 22. When the "No. of Copies?" prompt appears, enter 1, then press **<Enter>**.

T14: Creating a Legend List, Wiremarkers, Printing Multiple Copies

Labels to be printed:

A1000 A1000 A1000 A1000 A2050 A2050 A2050 A2067 A2067 A2067

- 1. Press **<List>**.
- 2. Press the <**▼>** key once to select *Create*, then press **<Enter>**.
- 3. When "Enter List Name" prompt appears, enter LIST3, then press **<Enter>**.
- 4. When "Enter Part No." prompt appears, enter PTL-19-423, then press **<Enter>**.
- 5. Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default value of 9.
- 6. Press **Func>+Setup>**.
- 7. Press the **<▼>** three times to select *Style*, then press **<Enter>**.
- 8. With the cursor on *Rotation*, press **<Enter>**.
- 9. Press the <-> and <-> keys to toggle to 0 Degrees, then press <Enter>.
- 10. Press **Func>+** to return to the Text Editor screen.
- 11. Press **<Shift>** + **<Wire>** to change format mode from *Component* to *Wire* (note the change from *C* to *W* on the LCD Status Bar).
- 12. Enter A1000 on line one.
- 13. Press **<Func>+<Save>**.
- 14. Press <Shift>+<Legend Clear>.
- 15. Enter **A2050** on line one.
- 16. Press **<Func>+<Save>**.
- 17. Press <Shift>+<Legend Clear>.
- 18. Enter **A2067** on line one.
- 19. Press **<Func>+<Save>**.

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- 20. Press **<List>**.
- 21. Press the **<▼>** key twice to select *Print*, then press **<Enter>**.
- 22. When the "No. of Copies?" prompt appears, enter **2**, then press **<Enter>**.

T15: Creating and Recalling a Legend List, Barcode Labels

Labels to be printed:



- 1. Press **<List>**.
- 2. Press the <**▼>** key once to select *Create*, then press **<Enter>**.
- 3. When "Enter List Name" prompt appears, enter LIST4, then press **<Enter>**.
- 4. When "Enter Part No." prompt appears, enter PTL-19-423, then press **<Enter>**.
- 5. Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default value of 9.
- 6. Press **<Func>** + **<Setup>** to access the Setup Menu.
- 7. Press the **<▼>** key once to select *Barcode*, then press **<Enter>**.
- 8. With the cursor highlighted on *Bar Height*, press **<Enter>**.
- 9. Use the <▲> and <▼> keys as needed to set the height of your barcode to 8mm (0.31496 in.), then press **<Enter>**.
- 10. Press the <▼> key once to select *Human Readable*, then press **<Enter>**.
- 11. Press the <▲> or <▼> keys to toggle the human readable text *ON*, then press <**Enter>**.
- 12. Press the <▲> or <▼> keys as needed to set the font size to 6, then press <Enter>.
- 13. Press **Func** + **Exit** to exit back to the Text Editor screen.
- 14. With the cursor highlighted on line one, press **<Shift>** + **<a>** two times to increase the font size from 9 to 11.
- 15. Enter **BRADY** on line one, then press **<Enter>**.
- 16. Press the **<Barcode>** key to toggle the Legend Type for line two from *Text* to *Barcode* mode (*B* is displayed on the Status Bar).
- 17. Enter A101 on line two.
- 18. Press <Func>+<Save>.

- 19. Press **<Legend Clear>** to clear text from line 2 only.
- 20. Enter **B101** on line two.
- 21. Press <Func>+<Save>.
- 22. Turn the battery power switch off to deactivate List4.

To select (recall) List4 as the active list:

- 23. Turn the battery power switch *on*.
- 24. Press <List>.
- 25. With the cursor on *Select*, press **<Enter>**.
- 26. Use the <→> and <▼> arrows to select List4, then press <Enter>. The part number appears, followed by the Text Editor screen.
- 27. Press <List>.
- 28. Press the **<▼>** key twice to select *Print*, then press **<Enter>**.
- 29. When the "No. of Copies?" prompt appears, enter 1, then press **<Enter>**.

T16: Creating a Legend List, Recalling and Editing a Legend

Labels to be printed:



- 1. Press **<List>**.
- 2. Press the <-> key once to select *Create*, then press **<Enter>**.
- 3. When "Enter List Name" prompt appears, enter LIST5, then press **<Enter>**.
- 4. When "Enter Part No." prompt appears, enter PTL-19-423, then press **<Enter>**.
- 5. Press **<Shift> + <Form Clear>** to delete all lines of text and reset the font to the default value of 9.
- 6. Enter **100A** on line one.
- 7. Press <Func>+<Save>.
- 8. Press <Shift>+<Legend Clear>.
- 9. Enter **100B** on line one.
- 10. Press **<Func>+<Save>**.
- 11. Turn the battery power switch *off* to deactivate List5.

To select (recall) List5 as the active list:

- 1. Turn the battery power switch *on*.
- Press <List>.
- 3. With the cursor on *Select*, press **<Enter>**.
- 4. Use the <₄> and <▼> arrows to select List5, then press <Enter>. The part number appears, followed by the Text Editor screen.

To add a legend to List5:

- Press **<Shift> + <Form Clear>** to delete all lines of text and reset the font to the default value of 9.
- 2. Enter **100C** on line one.
- 3. Press **<Func>+<Save>**. The legend is added (or *appended*) to the end of List5.

To recall and edit a legend already saved in List5:

- 1. Press **Func>+<Recall>** twice to recall the second legend to the Text Editor screen. Legend 100B displays on the Text Editor screen.
- 2. Press **<Shift>+<^>** four times to set the font size to 13.
- Press <Func>+<Save>.
- 4. When the prompt appears "Save as New" or "Save as Current", press the <▼> key once to select "Save as Current". Legend 100B is edited to a larger font size.

To delete a legend already saved in List5.

- 1. Press **<Func>+<Recall>**. Legend 100C displays on the Test Editor screen.
- 2. Press **<Func>+<Shift>+<Delete>**. Legend 100C is now deleted from List5.
- 3. Press <List>.
- 4. Press the **<▼>** key twice to select *Print*, then press **<Enter>**.
- 5. When the "No. of Copies?" prompt appears, enter 1, then press **<Enter>**.

Note: This example assumes you have the banner marker roll PTL-42-439 loaded in your printer.

- 1. Press <List>.
- 2. Press the <▼> key once to select *Create*, then press <**Enter>**.
- 3. When "Enter List Name" prompt appears, enter LIST6, then press **<Enter>**.
- 4. When "Enter Part No." prompt appears, enter PTL-42-439, then press **<Enter>**.
- 5. Press **<Shift>** + **<Form Clear>** to delete all lines of text and reset the font to the default value of 18.
- 6. Press **<Func>** + **<Setup>** to access the Setup Menu.
- 7. Press the <▼> key six times to select *Units*, then press **<Enter>**.
- 8. Press the <▲> or <▼> keys to toggle the Units to *Metric*, then press **<Enter>**.
- 9. Press the <-> key four times to select *Continuous*, then press <**Enter>**.
- 10. With the cursor highlighted on *Banner*, press **<Enter>**.
- 11. Press **<Func>** + **<Exit>** to exit back to the Text Editor screen.
- 12. Enter **120 VOLTS** on line one.
- 13. Press <Func>+<Save>.
- 14. Press <Shift>+<Legend Clear>.
- 15. Enter **CAUTION** on line one.
- 16. Press <Func>+<Save>.
- 17. Press <Shift>+<Legend Clear>.
- 18. Enter **COMMUNICATIONS CLOSET** on line one.
- 19. Press **<Func>+<Save>**.
- 20. Press <List>.
- 21. Press the **<▼>** key twice to select *Print*, then press **<Enter>**.
- 22. When the "No. of Copies?" prompt appears, enter 1, then press **<Enter>**.

Using LabelMark/WIN Software

Use the LabelMark/WIN software to print labels from a PC through the TLS2200TM Thermal Transfer Printer. For more information on LabelMark/WIN software, please visit our website at www.bradyid.com.

Maintenance

See the cleaning card enclosed in your hard case as well as the User's Guide for information on:

- Cleaning the drive roller and cutter
- Cleaning the print head
- Accessory parts