

TOSHIBA

Toshiba B-492L Owner's Manual

Toshiba tec barcode printer owner's manual

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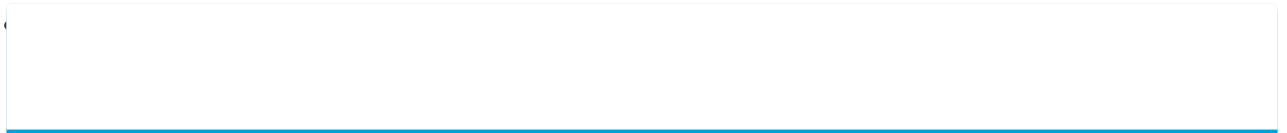
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TEC Barcode Printer

B-492L/R-TH10 SERIES



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[Barcode Reader Toshiba B-452-R Printer Driver Operating Manual](#)

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[Barcode Reader Toshiba B-EX6 Series Maintenance Manual](#)

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Summary of Contents for Toshiba B-492L

[Page 1](#) TEC Barcode Printer B-492L/R-TH10 SERIES Owner's Manual...

[Page 2](#) "Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada." WARNING! ATTENTION! WARNUNG! ¡ATENCIÓN! VERWITTIGING! ATTENZIONE! (for USA only) (for CANADA only) Copyright © 2001 by TOSHIBA TEC CORPORATION All Rights Reserved 570 Ohito, Ohito-cho, Tagata-gun, Shizuoka-ken, JAPAN...

[Page 3](#) Do not attempt to effect repairs or modifications to this equipment. If a fault occurs

that cannot be rectified using the procedures described in this manual, turn off the power, unplug the machine, then contact your authorised TOSHIBA TEC representative for assistance. This symbol indicates warning items (including cautions).

[Page 4](#) Request Regarding Maintenance Utilize our maintenance services. After purchasing the machine, contact your authorised TOSHIBA TEC representative for assistance once a year to have the inside of the machine cleaned. Otherwise, dust will build up inside the machines and may cause a fire or a malfunction. Cleaning is particularly effective before humid rainy seasons.

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PRODUCT OVERVIEW...1-1 Introduction...1-1 Features ...1-1 Unpacking ...1-1 Accessories ...1-1 Appearance of the Printer ...1-2 1.5.1 Dimensions... 1-2 1.5.2 Front View ... 1-3 1.5.3 Side View ... 1-3 1.5.4 Interior ... 1-4 1.5.5 Operation Panel ... 1-4 Appearance of the Power Supply Unit ...1-5 1.6.1 Dimensions...

[Page 6](#) INDEX CAUTION! 1. This manual may not be copied in whole or in part without prior written permission of TOSHIBA TEC. 2. The contents of this manual may be changed without notification. 3. Please refer to your local Authorized Service representative with regard to any queries you may have in this manual.

[Page 7: Product Overview](#)

Accessories Thank you for choosing the TEC B-492L/R series barcode printer. This Owner's Manual contains valuable information from general set-up to confirming the printer's operation using test prints. You should read it carefully to help you gain maximum performance and life from your printer.

[Page 8: Appearance Of The Printer](#)

1. PRODUCT OVERVIEW 1.5 Appearance of the Printer 1.5.1 Dimensions 125 (4.9) 223 (8.8) 117.5 (4.6) 117.5 (4.6) 232.5 (9.2) 209.3 (8.2) 10 (0.4) [L Type] 18 (0.7) 5 (0.2) [R Type] 1- 2 1.5 Appearance of the Printer Dimension: mm+(inch) 18 (0.7) 223 (8.8) 5 (0.2)

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[Page 10: Interior](#)

1. PRODUCT OVERVIEW 1.5.4 Interior Ribbon Shaft Holder Plate Head Lever Strip Roller Release Lever 1.5.5 Operation Panel POWER LED (Green) [FEED] Key Please see Section 3.1 for further information about the Operation Panel. NOTE: The illustrations used hereafter are of the L type, as the operating procedure is common to both L and R types. Ribbon Stopper Ribbon Shaft Pinch Roller Lever...

[Page 11: Appearance Of The Power Supply Unit](#)

1. PRODUCT OVERVIEW EO1-33032 1.6 Appearance of the Power Supply Unit Appearance of the Power Supply Unit 1.6.1 Dimensions Dimensions: mm+(inch) 2000 (78.7) 170 (6.7) 265 (10.4) 1.6.2 Front View Power Switch DC Power Connector Inlet 1- 5...

[Page 12: Printer Setup](#)

2. PRINTER SETUP 2. PRINTER SETUP 2.1 Precautions This section outlines the steps necessary to setup your B-492L/R printer prior to its operation. The section includes precautions, connecting cables, assembling accessories, loading media and ribbon, inserting an optional memory card, and performing a test print.

[Page 13: Procedure Before Operation](#)

492L/R printer from a Windows application. The printer can also be controlled with its own programming commands. Please contact your TOSHIBA TEC reseller for the Interface/Communication Manual. Fitting the Fan Filter This section describes the outline of the printer setup.

[Page 14: Connecting The Cables To Your Printer](#)

An Ethernet connection using the optional PCMCIA interface board and LAN card (Refer to section 2.9) The diagram below shows all the possible cable connections to the current version of the B-492L/R printer. [L Type] Parallel Interface Connector (Centronics) Serial Interface Connector (RS-232C)

[Page 15: Connecting The Power Cord](#)

2. PRINTER SETUP 2.5 Connecting the Power Cord CAUTION! 1. Make sure that the printer power switch is turned to the off position before connecting the power cord to prevent possible electric shock or damage to the printer. 2. Use only the power cord supplied with the printer.

[Page 16: Turning The Printer On/Off](#)

2. PRINTER SETUP 2.6 Turning the Printer ON/OFF 2.6.1 Turning ON the Printer CAUTION! Use the power switch to turn the printer On/Off. Plugging or unplugging the power cord to turn the printer On/Off may cause fire, an electric shock, or damage to the printer.

[Page 17: Loading The Media](#)

2. PRINTER SETUP 2.7 Loading the Media WARNING! 1. Do not touch any moving parts. To reduce the risk of fingers, jewellery, clothing, etc. being drawn into the moving parts, be sure to load the media once the printer has stopped moving completely.

[Page 18](#) 2. PRINTER SETUP 2.7 Loading the Media (Cont.) NOTE: The media guide should be positioned so that the media can feed smoothly. 3. Open the paper entry guide. 4. Loosen the locking screw of the right side of the media guide and open the media guides.

[Page 19](#) 2. PRINTER SETUP 2.7 Loading the Media (Cont.) NOTES: 1. Turning the adjusting knob to the right will move the sensor towards the center of the media while turning it to the left will move it away from the center of the media.

[Page 20](#) 2. PRINTER SETUP 2.7 Loading the Media (Cont.) CAUTION! To separate the printed media from the media roll in batch mode, be sure to tear off the media at the strip shaft or cut the media past the strip shaft. However, if you tear off the media at the print head by mistake, be sure...

[Page 21](#) 2. PRINTER SETUP 2.7 Loading the Media (Cont.) (4) Pass the backing paper under the strip plate and above the strip pinch roller. (5) While pulling the backing paper push up the strip pinch roller until it locks into position. (6) If the loaded media is direct thermal media (a chemically treated surface), the media loading procedure is now complete.

[Page 22: Loading The Ribbon](#)

2. PRINTER SETUP 2.8 Loading the Ribbon WARNING! 1. Do not touch any moving parts. To reduce the risk of fingers, jewellery, clothing, etc. being drawn into the moving parts, be sure to load the ribbon once the printer has stopped moving completely.

[Page 23: Inserting The Optional Pcmcia Cards](#)

7. Close the top cover. When the optional PCMCIA interface board is installed in the B-492L/R printer, there will be two PCMCIA slots available as shown in the figure below. This allows the use of Flash Memory Type Cards or I/O Cards such as LAN Cards.

[Page 24: Test Print](#)

2. PRINTER SETUP Inserting the Optional PCMCIA Cards (Cont.) 2.10 Test Print 3. The following PCMCIA cards can be used. Type Maker A card conforming to San Disk ATA Card the PC card ATA Hitachi standard Ether Link III 3C589D PC card LAN Card 3 COM...

[Page 25: On Line Mode](#)

3. ON LINE MODE 3. ON LINE MODE 3.1 Operation Panel NOTE: Use the [RESTART] key to resume printing after a pause, or after clearing an error. This chapter describes usage of the keys on the Operation Panel in On Line Mode.

[Page 26: Operation](#)

ON LINE MODE Operation When the printer is turned on, the "ON LINE" message appears on the LCD message display. It is displayed during standby or normal printing. 1. The printer is turned on, standing by, or printing. 2. If any error occurs during printing, an error message appears. The printer stops printing automatically.

[Page 27: Maintenance](#)

This chapter describes how to perform routine maintenance. To ensure the continuous high quality operation of your B-492L/R, you should perform a regular maintenance routine. For high throughput it should be done on a daily basis. For low throughput it should be done on a weekly basis.

[Page 28: Media Guide Plate/Pinch Roller/Sensors](#)

Please use a TEC approved print head WARNING! cleaner or lapping sheet which can be purchased from an authorised TOSHIBA TEC service representative. 2. Do not rub the print head element with a lapping sheet excessively, or the print head life will be shortened.

[Page 29](#) 4. MAINTENANCE 4.1.2 Media Guide Plate/ Pinch Roller/Sensors (Cont.) 3. Remove the locking screw to detach the paper guide B from the printer. Pinch Roller Paper Guide B 4. Push the pinch roller release lever toward the front of the printer to release the strip pinch roller unit.

[Page 30: Paper Holder](#)

4. MAINTENANCE 4.1.3 Paper Holder 4.1.4 Covers and Panels CAUTION! Do not use any volatile solvents including thinner and benzene, as this may cause discoloration or distortion of the cover. 1. Open the paper entry guide. 2. Loosen the locking screw and move the media guides toward the center.

[Page 31: Care/Handling Of The Media And Ribbon](#)

4. MAINTENANCE 4.2 Care/Handling of the Media and Ribbon CAUTION! Be sure to carefully review and understand the Supply Manual. Use only media and ribbons which meet specified requirements. Use of non- specified media and ribbons may shorten the head life and result in problems with bar code readability or print quality.

[Page 32: Troubleshooting](#)

This chapter lists the error messages, possible problems, and their solutions. If a problem cannot be solved by taking actions described in this chapter, do not attempt to repair the printer. Turn off and unplug the printer. Then contact an authorized TOSHIBA TEC service representative for assistance.

[Page 33: Possible Problems](#)

Load a new ribbon. Then press the [RESTART] key. Turn off the printer, and allow it to cool down (for about 3 minutes). If this does not solve the problem, call a TOSHIBA TEC authorized service representative. Replace the Print Head. Then press the [RESTART] key.

[Page 34: Removing Jammed Media](#)

5. TROUBLESHOOTING 5.3 Removing Jammed Media CAUTION! Do not use any tool that may damage the print head. 5.4 Threshold Setting NOTES: 1. If the [PAUSE] key is released within 3 seconds while in the pause state, the paper will not feed. 2.

[Page 35](#) 5. TROUBLESHOOTING 5.4 Threshold Setting (Cont.) Press and hold the [PAUSE] key until more than 1.5 labels have been issued. The media will continue to be fed until the [PAUSE] key is released. (Threshold setting for the selected sensor is completed by this operation.) Press the [RESTART] key.

[Page 36: Printer Operation](#)

CD-ROM. Run the following SETUP.EXE. "X":\DRIVE\SETUP.EXE The latest printer driver can be obtained from the TOSHIBA TEC Barcode Web Site. Access the TOSHIBA TEC Barcode World Wide Web Site at the following URL: <http://barcode.toshibatec.co.jp/Eng/download.html> Double click on the downloaded file ("Bdrv_Vx_x_Buildxx.exe"), and...

[Page 37: System Requirements](#)

NOTE: 1. How to install the printer driver from the supplied CD-ROM is described below. 2. When the printer driver is downloaded from TOSHIBA TEC Web Site, type in "C:\TEC\MONO\CD\SETUP .EXE". C:\TEC\MONO\CD is the default install directory generated when the printer driver file (Bdrv_Vx_x_Buildxx.exe) is...

[Page 38](#) 6. PRINTER OPERATION 6.2.2 Driver Installation (Cont.) NOTE: If you click on the No button in the License Agreement screen, the program will not be installed. 6. Click on the Next button to continue the installation. The screen will change to the Software License Agreement screen. 7.

[Page 39](#) 6. PRINTER OPERATION 6.2.2 Driver Installation (Cont.) NOTE: Be sure to select the same printer that you are going to install. NOTE: If you specify the same name as already installed printer, that printer will be overwritten. When you desire to install the same printer for many times, change the printer name each time.

[Page 40](#) 6. PRINTER OPERATION 6.2.2. Driver Installation (Cont.) 13. Upon clicking on the Next button on the previous screen, the printer driver files copy will start. 14. After all of the files have been transferred the display will change to the Setup Complete screen. computer now.", then click on the 15.

[Page 41](#) 6. PRINTER OPERATION 6.2.3 Uninstalling the TEC B-492 Printer Driver NOTES: If the registration information is deleted, the registered labels will not be able to be used when the printer driver is re-installed. If it becomes necessary to remove the TEC-B-492 printer driver from your host computer, then it can be removed as follows.

[Page 42](#) 6. PRINTER OPERATION 6.2.3 Uninstalling the TEC B-492 Printer Driver (Cont.) NOTE: Deleting the shared files does not affect other programs. NOTE: Please note that it may take time to delete the printer driver. 5. When the following screen appears, click on the Yes To All button. If this screen does not appear, the screen of Step 7 will appear instead.

[Page 43: Appendix 1 Specifications](#)

APPENDIX 1 SPECIFICATIONS APPENDIX 1 SPECIFICATIONS Appendix 1 describes the printer specifications and supplies for use on the B-492L/R printer. A1.1 Printer The following are the printer specifications. Model Item Supply voltage Power consumption During a print job During standby...

[Page 44: A1.2 Options](#)

Available from your nearest TOSHIBA TEC representative or TOSHIBA TEC Head Quarters. A1.3 Media Please make sure that the media to be used is approved by TOSHIBA TEC. The warranties do not apply to problems caused by using media that is not approved by TOSHIBA TEC.

[Page 45: A1.3.2 Detection Area Of The Transmissive Sensor](#)

Inner core diameter NOTES: 1. To ensure print quality and print head life use only TOSHIBA TEC approved media. 2. For the backing paper Glassine paper 7K white or equivalent should be used. Also, the light transmission rate of the backing paper should be 22% or above.

[Page 46: A1.3.3 Detection Area Of The Reflective Sensor](#)

APPENDIX 1 SPECIFICATIONS A1.3.3 Detection Area of the Reflective Sensor The reflective sensor is movable from the center to the left edge of media. The reflection factor of the black mark must be 10% or lower with a waveform length of 950 nm. The reflective sensor should be aligned with the center of the black mark.

[Page 47: A1.4 Ribbon](#)

APPENDIX 1 SPECIFICATIONS A1.4 Ribbon Please make sure that the ribbon being used is approved by TOSHIBA TEC. The warranties do not apply to any problem caused by using non-approved ribbons. For information regarding TOSHIBA TEC approved ribbon, please contact a sales representative.

[Page 48: Appendix 2 Messages And Led](#)

APPENDIX 2 MESSAGES AND LEDS APPENDIX 2 MESSAGES AND LEDS Appendix 2 describes the

LCD messages displayed on the operation panel. Symbols in the message : The LED is illuminated. 2: ****: the remaining number of labels to be printed. Up to 9999 (pieces) 3: %%%: ATA Card's remaining memory 0 to 9999999 (in K bytes) 4: ###: Flash memory card remaining memory for PC save area: 0 to 895 (in K bytes) 5: &&&: Remaining flash memory capacity for storing writable characters 0 to 3147 (in K bytes)

[Page 49](#) APPENDIX 2 MESSAGES AND LEDS NOTES: If a corrupt command is received, the first 16 bytes of the command, starting from the command code, will be displayed. (However, [LF] and [NUL] will not be displayed.) Example 1 [ESC] PC001;0A00,0300,2,2,A,00,B [LF] [NUL] Corrupt data The following message appears.

[Page 50: Appendix 3 Interface](#)

APPENDIX 3 INTERFACE APPENDIX 3 INTERFACE □□ Interface Cables To prevent radiation and reception of electrical noise, the interface cables must meet the following requirements: Fully shielded and fitted with metal or metallized connector housings. Keep as short as possible. Should not be bundled tightly with power cords.

[Page 51: Appendix 4 System Mode](#)

APPENDIX 4 SYSTEM MODE APPENDIX 4 SYSTEM MODE IMPORTANT! If System Mode is needed for any other purposes, please contact a TOSHIBA TEC authorized service representative before performing any operation in System Mode. A4.1 Operation Panel NOTE: Use the [RESTART] key to...

[Page 52: A4.2 Overview](#)

If you should change any of the settings by accident and the printer malfunctions, please contact your nearest TOSHIBA TEC service representative. NOTE: 1. To navigate the System Mode menus the [RESTART] and [FEED] key can be used.

[Page 53: A4.3 Reset Mode](#)

APPENDIX 4 SYSTEM MODE A4.3 Reset Mode NOTE: If the [RESTART] key is held for less than 3 seconds when the printer is in an error or pause state, the printer will restart printing. However, when a communication error or command error occurs, the printer will return to an idle condition.

[Page 54](#) APPENDIX 4 SYSTEM MODE A4.4 Self-Diagnostic Test (Cont.) NOTE: When using a ribbon, be sure to select "TRANS" or "NO TRANS.". When using direct thermal media, be sure to select "NO RIBBON". NOTE: See Section A4.8.2 for a Maintenance Counter and Parameter Settings print sample and a detailed description for each item.

[Page 55](#) To sustain high quality printing, please contact your nearest TOSHIBA TEC service representative for the print head replacement. Print head element check After the Self-Diagnostic Test result has been printed, the display returns to "<1>DIAG.

[Page 56: A4.5 Printer Parameter Fine Adjustment](#)

APPENDIX 4 SYSTEM MODE A4.5 Printer Parameter Fine Adjustment Outline of Printer Parameter Fine Adjustment In the Printer Parameter Fine Adjustment mode, Fine adjustments can be made for each parameter, like Print tone, Print start position, Threshold, etc. which can also be set by PC commands.

[Page 57: Fine Adjustment](#)

APPENDIX 4 SYSTEM MODE A4.5 Printer Parameter Fine Adjustment (Cont.) NOTES: 1. If the [FEED] and [RESTART] keys are pressed at the same time in the parameter setting, the message returns to "<3>ADJUST SET". 2. If holding the [FEED] or [RESTART] key for 0.5 seconds or longer in the Printer Parameter Fine...

[Page 58](#) APPENDIX 4 SYSTEM MODE A4.5 Printer Parameter Fine Adjustment (Cont.) Strip Position Fine Adjustment (Example) Label Strip Plate +0.0 mm Print Head Feed Platen Direction Backing Paper +3.0 mm -3.0 mm NOTES: 1. In strip issue, the media feed should be stopped where a 1 mm length of label remains on the strip plate.

[Page 59](#) APPENDIX 4 SYSTEM MODE A4.5 Printer Parameter Fine Adjustment (Cont.) Back Feed Length Fine Adjustment (Example) NOTE: The fine adjustment value equals the sum of the

fine adjustment values set by the PC command and this parameter. The maximum back feed length fine adjustment value is ± 9.5 mm.

[Page 60](#) APPENDIX 4 SYSTEM MODE A4.5 Printer Parameter Fine Adjustment (Cont.) X Axis Fine Adjustment (Example) NOTES: 1. The X Axis fine adjustment is performed to fine adjust the print position in horizontal direction (left or right). 2. Adjust the X axis within the effective print range.

[Page 61](#) APPENDIX 4 SYSTEM MODE A4.5 Printer Parameter Fine Adjustment (Cont.) NOTES: 1. The fine adjustment value equals the sum of the fine adjustment values set by the PC command and this parameter. The maximum print tone fine adjustment value is 10. The following table shows the maximum fine adjustment value for each...

[Page 62](#) If the problem cannot be resolved, please contact your nearest TOSHIBA TEC service representative. Ribbon Motor Voltage Fine Adjustment (Feed/Rewind Motor) With this parameter you can fine adjust the Ribbon Motor Voltage (Torque).

[Page 63](#) (See Section 6.4 Threshold Setting) If the problem cannot be resolved, please contact your nearest TOSHIBA TEC service representative. NOTE: The fine adjustment value equals to the sum of the fine adjustment values set by the PC command and this parameter.

[Page 64: A4.6 Test Print](#)

APPENDIX 4 SYSTEM MODE A4.6 Test Print Outline of Test Print In the Test Print mode, you can print test patterns after setting up some conditions. This is useful for checking the printers operation or for testing the quality of new ribbon or media. The Test Print menu contains the following: [PAUSE] Test Pattern...

[Page 65](#) APPENDIX 4 SYSTEM MODE A4.6 Test Print (Cont.) While in a Pause condition press and hold the [RESTART] key until "<0>RESET" appears in the display. Then, press the [FEED] key four times, and "<4>TEST PRINT" message appears. Specifying the Print Condition for the Test Print The print conditions for Test Printing should be specified before printing.

[Page 66](#) APPENDIX 4 SYSTEM MODE A4.6 Test Print (Cont.) NOTE: Select the sensor type which matches the media being used. Basically, the Reflective Sensor (Black Mark Sensor) is for tag paper, and the Transmissive Sensor (Feed Gap Sensor) is for labels. NOTE: Select the ribbon type which matches the media and ribbon...

[Page 67](#) APPENDIX 4 SYSTEM MODE A4.6 Test Print (Cont.) NOTE: Press and hold the [RESTART] or [FEED] key to advance the values quickly and continuously. To stop, release the key. NOTE: When "PAPER FEED" is selected, the printer feeds the media to the correct print start position for the selected conditions.

[Page 68](#) APPENDIX 4 SYSTEM MODE A4.6 Test Print (Cont.) Print Sample of Slant Line (1 dot) Print Sample of Slant Line (3 dots) NOTE: See A4.8.3 for further information. Test Print Pattern Selection With "<4>TEST PRINT" displayed after paper feed selection, press the [PAUSE] key.

[Page 69](#) APPENDIX 4 SYSTEM MODE A4.6 Test Print (Cont.) Print Sample of Characters Print Sample of Barcodes NOTE: The Non-Printing function looks like a media feed. Print Sample of Non-print NOTES: Factory test print conditions: One paper feed, Slant lines (3 dots), Bar codes, Characters, Item count: 5 pcs.

[Page 70: A4.7 Dump Mode](#)

In Dump mode, any characters sent from the host computer will be printed. Received characters are expressed in hexadecimal values. This allows the user to verify programming commands and debug their program. And for other details, please refer to your nearest TOSHIBA TEC service representative. A4-20 E01-33032 A4.7 Dump Mode...

[Page 71: A4.8 Additional Information](#)

APPENDIX 4 SYSTEM MODE A4.8 Additional Information A4.8.1 Self-Diagnostic Test Result Sample and Descriptions Print Sample PROGRAM BOOT FONT EEPROM SDRAM CARD SENSOR DIP SW EXP.I/O (10) KEY BRD NOTES: 1. Print conditions: Preset count: 1, Print speed: 5"/sec., Sensor: No sensor, Printing method: Thermal transfer, Supply length: 59 mm, Issue mode: Batch

printing 2.

[Page 72](#) APPENDIX 4 SYSTEM MODE A4.8.1 Self-Diagnostic Test Result Sample and Descriptions (Cont.) (3) Alphanumeric Font ROM Check FONT (4) EEPROM Check EEPROM (5) SDRAM Capacity SDRAM (6) PC Card Slot Check CARD (7) Sensor Check The status of the Print Head Thermistor, Environmental Temperature Thermistor, Heat Sink Thermistor, Black Mark Sensor, Feed Gap Sensor, and Print Head Resistance Rank are printed on this line.

[Page 73](#) APPENDIX 4 SYSTEM MODE A4.8.1 Self-Diagnostic Test Result Sample and Descriptions (Cont.) Print Head Resistance Rank Table Rank Average resistance (ohm) 1409 to 1454 1361 to 1408 1314 to 1360 1266 to 1313 (8) DIP Switch Status DIP SW (9) Expansion I/O Interface Check EXP.I/O 1 2 3 4 5 (10) DIN Connector for the Keyboard (KB-80) Check...

[Page 74: A4.8.2 Maintenance Counter/Parameter Check Print Sample And Descriptions](#)

APPENDIX 4 SYSTEM MODE A4.8.2 Maintenance Counter and Parameter Check Print Sample and Descriptions Print Sample TOTAL FEED FEED PRINT HEAD U/D RIBBON SOLENOID 232C ERR SYSTEM ERR POWER FAIL [PC] (10) FEED (11) PEEL OFF (12) BACK (13) TONE(T) (14) TONE (D) (15)

[Page 75](#) APPENDIX 4 SYSTEM MODE A4.8.2 Maintenance Counter and Parameter Check Print Sample and Descriptions (Cont.) Descriptions of the Maintenance Counter Item (1) Total media distance covered (2) Media distance covered (3) Print distance (4) Head up/down count (5) Ribbon motor operating time Head up solenoid operating time (7) RS-232C hardware error count...

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[Page 77: A4.8.3 Magnified Views Of Slant Line Pattern](#)

APPENDIX 4 SYSTEM MODE A4.8.2 Maintenance Counter/Parameter Check Print Sample and Descriptions (Cont.) (33) Centronics ACK/BUSY timing setting (34) Web printer function (35) KB-80 keyboard connection (36) Ribbon near end detection (37) Printer IP address (38) Gateway IP address (39) Subnet mask (40) True type font registration area size (41) External character registration area size (42) PC saving area size...

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[Page 79](#) APPENDIX 5 PRINT SAMPLES APPENDIX 5 PRINT SAMPLES (Cont.) □□ Bar codes 0: JAN8, EAN8 2: Interleaved 2 of 5 4: NW7 6: UPC-E 8: EAN13+5 digits B: CODE39 (Full ASCII) G: UPC-E+2 digits I: EAN8+2 digits 1: MSI 3: CODE39 (Standard) 5: JAN13, EAN13 7: EAN13+2 digits A:CODE128...

[Page 80](#) APPENDIX 5 PRINT SAMPLES APPENDIX 5 PRINT SAMPLES (Cont.) K: UPC-A M: UPC-A+5 digits O: Industrial 2 of 5 Q: Data Matrix S: Customer bar code of high priority U: POSTNET W: KIX Code Z: MaxiCode L: UPC-A+2 digits N: UCC/EAN128 P: PDF417 R: Customer bar code T: QR code...

[Page 81](#) PCMCIA interface An optional interface board that may be installed in the B-492L/R printer to allow the use of the small credit card sized PC cards such as flash memory cards and LAN cards. PCMCIA is the acronym for Personal Computer Memory Card International Association.

[Page 82](#) GLOSSARIES Pre-printed label A type of label on which characters, logos, and other designs have been already printed. Printing speed The speed at which printing occurs. This speed is expressed in units of IPS (inches per second). Reflective sensor See Black mark sensor. Resolution The degree of detail to which an image can be duplicated.

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This manual is also suitable for:

[R-th10Tec b-492l-th10 seriesTec b-492r-th10 series](#)