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TOSHIBA B-852

Toshiba B-452-R Printer Driver Operating Manual

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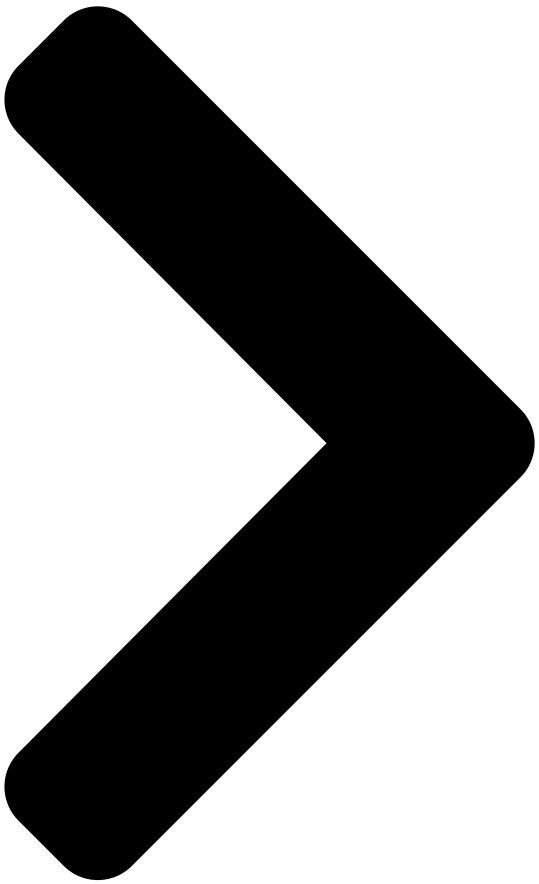

TOSHIBA Bar Code Printer

Printer Driver

16th Edition:
Sep. 1, 2016

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Related Manuals for Toshiba B-452-R

Barcode Reader Toshiba B-SX4T Series Specification

B-sx4t series, b-sx5t series external equipment interface specification (375 pages)

Barcode Reader Toshiba B-EV4 Series Manual

(281 pages)

Printer Toshiba B-EP Series Key Operation Specification

(228 pages)

Printer Toshiba TEC B-SX4T Series Maintenance Manual

(223 pages)

Barcode Reader Toshiba B-EX4T1 Series Owner's Manual

(124 pages)

Printer Toshiba B-SX5T SERIES Owner's Manual

Tec thermal printer (120 pages)

Barcode Reader Toshiba B-EX6T1 Owner's Manual

B-ex6t series (79 pages)

Barcode Reader Toshiba B-EX4T1 Series Owner's Manual

(71 pages)

Printer Toshiba B-SA4T Series Option Installation Manual

(58 pages)

Printer Toshiba B-FP3D Series Maintenance Manual

Potable printer (46 pages)

Printer Toshiba B-FP3D SERIES Owner's Manual

(39 pages)

Printer Toshiba B-EP2DL SERIES Owner's Manual

Portable printer (37 pages)

Printer Toshiba B-SX6T Series Option Installation Manual

(31 pages)

Printer Toshiba B-SX6T Series Supply Loading Instructions

(10 pages)

Barcode Reader Toshiba B-FV4 Series Quick Start Manual

(3 pages)

Printer Toshiba B-SX4T Specifications

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Deletion .....99 APPENDIX .....100 How to Enable Bi-directional Communication Support .....100 Parameter Setting on the Printer .....100 How to Connect the Printer to LAN .....102 Copyright © 2016 by TOSHIBA TEC CORPORATION All Rights Reserved 570 Ohito,Izunokuni-shi,Shizuoka-ken,JAPAN...

Page 3: Introduction

This document gives you a general description of the installation, operation, and functions of the TPCL*-enabled printer driver (BDRV-WBX8-Z31 Version 7.4.1 M-5). The latest printer driver can be downloaded from TOSHIBA TEC bar code system website at the following URL: http://www.toshibatec.com/download_overseas/printer/printer_driver/...

Page 4: General Description

1. General Description Features This product is a printer driver designed for TOSHIBA bar code printer and used under Windows 2000, Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008, Windows 7, Windows Server 2008 R2, Windows 8, Windows 8.1, Windows Server 2012, Windows Server 2012 R2 or Windows 10.

Page 5: Notation

B-EX6T1 B-EX6T1-GS12-QM/CN-R B-EX6T3 B-EX6T3-GS12-QM/CN-R (203 dpi) (203 dpi) B-EX6T1 B-EX6T1-TS12-QM/CN-R B-EX6T3 B-EX6T3-TS12-QM/CN-R (305 dpi) (305 dpi) B-EX4T3 B-EX4T3-HS12-QM/CN-R (600 dpi) Notation Names of menus, screens, icons, buttons, tabs, and items are enclosed in square brackets ([ ]). For example: Click the [OK] button. ...

Page 6: Operational Conditions

 Microsoft® Windows® 8 Enterprise operating system and Microsoft® Windows® 8 Professional operating system and Microsoft® Windows® 8 operating system and Microsoft® Windows® 8.1 Enterprise operating system and Microsoft® Windows® 8.1 Professional operating system and Microsoft® Windows® 8.1 operating system: Windows 8 ...

Page 7 B-EP2DL-G Not supported Not supported   B-EP4DL-G Not supported Not supported Not supported   B-452-R Not supported   B-462-R Not supported   B-852-R Not supported B-SA4T (203 dpi), B-SA4T-CN (203 dpi), ...

Page 8 2. Whenever the “CENTRO. MODE” is set to “ECP” in the printer system mode, be sure to set the “PLUG & PLAY” to ON. And, whenever the “CENTRO. MODE” is set to “SPP”, be sure to set the “PLUG & PLAY” to OFF. (The “CENTRO.

Page 9 The default setting of the function character is a caret “^” (5EH). When using bar code fonts like QR code and if you want to specify a function character as bar code data, you need to specify two function characters consecutively. For example, when a caret “^”...

Page 10 When using this product for the B-EP2DL-G or B-EP4DL-G, set the printer mode to “TPCL-LE”, “TPCL-LE1”, “TPCL”, or “TPCL1” by using the Printer Setting Tool or the keys on the printer. For the key operations, refer to the B-EP Series Key Operation Specification. ...

Page 11 Bitmap fonts cannot be used for Access. When using Access, remove the check from the “List Bitmap Font” checkbox in the “Font Settings” dialog. Do not install other Seagull Scientific printer drivers in the PC where this product has been installed. If you installed any by mistake, uninstall the all printer drivers by the DriverWizard, then reinstall this product only.

Page 12 If data including a space at the beginning or at the end is printed in bar code font, such space is deleted from the data. Multiple data with the same Y-coordinate and same bar code font specified are all connected. To avoid this, click the [Fonts] tab and [Tools] button, select the “Font Settings”, click the [Utility Fonts] tab, then remove the check from the “Combine Adjacent Bar Code &...

Page 13 If you uninstall the printer driver, set up the Windows again. This should be also conducted when the installation does not succeed. Select the “Start”, “All programs”, “TOSHIBA TEC”, “TPCL Printer Driver”, and “TECDRVIN”. Note: Log on as the user with administrative privilege.

Page 14 If plug-and-play installation fails under Windows Vista/Server2008/7/Server2008R2/8/ Server2012/Server2012R2/10 If an undefined device is created after a plug-and-play installation, follow the procedure below. Select the “Start”, “All programs”, “TOSHIBA TEC”, “TPCL Printer Driver”, and “PnP recovery”. Note: Log on as the user with administrative privilege.

Page 15: Installation Procedure

 B-EV4 (203 dpi), B-EV4 (300 dpi) B-EP2DL-G B-EP4DL-G B-452-R B-462-R B-852-R ...

Page 16 The parameter setting procedure is provided in Section 6.2 Parameter Setting on the Printer. B-SA4 Series, B-852-R, B-452-R, B-SX6T-R, B-SX8T-R, B-EX4 Series and B-462-R Start the printer in the system mode, enter <2>PARAMETER SET menu, and set the following parameter: PLUG &...

Page 17: Preparation For Installation

Preparation for Installation Access Toshiba TEC web site at the following address and download the printer driver install file “TPCL-drv_7.4.1_M-5_E.exe” to the local disc. 1. http://www.toshibatec-ris.com/download_overseas/printer/printer_driver/ Note: If you do not agree with the Software License Agreement, you cannot download the file.

Page 18 When you click the [Install] button, the printer driver install file is created in “C:\TEC_DRV”. Note: The folder name cannot be changed from “C:\TEC_DRV”. When the installation is completed, click the [Finish] button. Note: In the case of Windows Vista/Server2008/7/ Server2008R2/8/Server2012/Server2012R2/10, the screen on the right will appear.

Page 19: Installation Under Windows 2000/Xp/Server2003

Installation under Windows 2000/XP/Server2003 Note: Proper operation is not guaranteed on the PC running Windows 2000. Turn on the PC. Note: Log on as the user with administrative privilege. Select the “Start”, “Printer and FAX” to show the printer folder. In the case of Windows 2000, select “Start”, “Setting”, and “Printer”.

Page 20 Specify a printer port and click the [Next] button. When the “Install Printer Software” screen appears, click the [Have Disk] button. Specify printer driver install folder (C:/TEC_DRV) created Section Preparation for Installation, and click the [Open] button. Select the “TEC.inf” and click the [OK] button.

Page 21 B-SX4T-GS20-QP B-SX5T-TS22-QP B-SX4T-GS20-QM-R B-SX5T-TS22-QM-R TEC B-SX5T-CN B-SX5T-TS12-CN TEC B-SX6T B-SX6T-TS12-QM-R TEC B-SX8T B-SX8T-TS12-QM-R (305 dpi) B-SX5T-TS22-CN (305 dpi) (305 dpi) B-SX5T-TS22-CN-R TEC B-452-R B-452-TS22-QQ/QP-R B-EP2DL-GH20-QM-R B-EP4DL-GH20-QM-R B-452-TS22-CN B-EP2DL-G B-EP2DL-GH30-QM-R B-EP4DL-G B-EP4DL-GH30-QM-R B-EP2DL-GH40-QM-R B-EP4DL-GH40-QM-R TEC B-EV4 (203 B-EV4D-GS14-QM-R TEC B-EV4 B-EV4D-TS14-QM-R...

Page 22 Select the model to be installed, and click the [Next] button. Select the “Replace existing driver”, and click the [Next] button. Supplement: This step will be omitted when the printer driver is installed for the first time. Select whether or not to use the printer as a default printer, then click the [Next] button.

Page 23 Select whether or not to perform a print test, then click the [Next] button. When the “Completing the Add Printer Wizard” is displayed, click the [Finish] button. When the screen on the right appears, click the [Continue Anyway] button. Note: “Digital Signature Not Found” message may be displayed.

Page 24 To print on the shared printer Conduct above-mentioned steps 1 through 18. Log on as the user which is allowed to access the PC with which the printer is shared. Note: This work requires the administrative privilege. For the user with no administrative privilege, grant it temporarily.

Page 25 Select the “Local Port”, and click the [New Port] button. Enter the network path of the shared printer (e.g. *****\TECB-SA4), then click the [OK] button. When the port setting is completed, click the [OK] button to close the “Properties” screen. Note: After installing this printer driver, be sure to disable the Bi-directional support.

Page 26: Installation Under Windows Vista/Server2008/7/ Server2008R2/8/Server2012/Server2012R2/10

Installation under Windows Vista/Server2008/7/ Server2008R2/8/Server2012/Server2012R2/10

Note: If the installation did not succeed, follow the procedure described in How to set up Windows Vista/Server2008/7/Server2008R2/8/Server2012/Server2012R2/10 again. Turn on the PC. Note: Log on as the user with administrative privilege. Select “Start”, “Control Panel”, “Hardware and Sound”, and “Printer”...

Page 27 B-SX4T-GS20-QM-R B-SX5T-TS22-QM-R TEC B-SX5T-CN B-SX5T-TS12-CN TEC B-SX6T B-SX6T-TS12-QM-R TEC B-SX8T B-SX8T-TS12-QM-R (305 dpi) B-SX5T-TS22-CN (305 dpi) (305 dpi) B-SX5T-TS22-CN-R TEC B-452-R B-452-TS22-QQ/QP-R TEC B-EP2DL-G B-EP2DL-GH20-QM-R B-EP4DL-GH20-QM-R B-452-TS22-CN B-EP2DL-GH30-QM-R B-EP4DL-G B-EP4DL-GH30-QM-R B-EP2DL-GH40-QM-R B-EP4DL-GH40-QM-R TEC B-EV4 (203 B-EV4D-GS14-QM-R TEC B-EV4 (300 B-EV4D-TS14-QM-R...

Page 28 TOSHIBA B-EX4T2-HS12-QM-R TEC B-462-R B-462-TS22-CN-R TOSHIBA B-FP3D-GH30-QM-R B-EX4T2 (600 B-EX4T2-HS12-CN-R B-FP3D (203 B-FP3D-GH40-QM-R dpi) dpi) B-FP3D-GS30-QM-R B-FP3D-GS40-QM-R TOSHIBA B-FV4T-GS12-QM-R TOSHIBA B-FV4 B-FV4T-TS12-QM-R TOSHIBA B-EX6T1-GS12-QM-R B-FV4 (203 dpi) B-FV4T-GS14-QM-R (300 dpi) B-FV4T-TS14-QM-R B-EX6T1 (203 B-EX6T1-GS12-CN-R B-FV4T-GS16-QM-R B-FV4T-TS16-QM-R dpi) B-FV4T-GS14-CN-R B-FV4T-TS14-CN-R B-FV4T-GS16-CN-R...

Page 29 When the installation is completed, the “Add Printer” screen is displayed. At this time, a new printer icon is added to the “Printer” folder. Click the [Finish] button. If you want to perform a print test, click the [Print a test page] button. - 27 -...

Page 30 To print on the shared printer (1) Conduct above-mentioned steps 1 through 12. Log on as the user which is allowed to access the PC with which the printer is shared. Note: This work requires the administrative privilege. For the user with no administrative privilege, grant it temporarily.

Page 31 Select the “Local Port”, and click the [New Port] button. Enter the network path of the shared printer (e.g. *****\TECB-SA4), then click the [OK] button. When the port setting is completed, click the [OK] button to close the “Properties” screen. Note: After installing this printer driver, be sure to disable the Bi-directional support.

Page 32 To print on the shared printer (2) Note: If the printer driver of different version has been already installed, first uninstall it, then install this printer driver. The version of the printer drivers in the server PC and client PC must be the same. ...

Page 33 Select the “Add a network, wireless or Bluetooth printer”. Click the “The printer that I want isn’t listed”. Click the “Select a shared printer by name”, enter the network path of the shared printer (e.g. *****\TECB-SA4), then click the [OK] button. - 31 -...

Page 34 Installation starts. Supplement: If the dialog box on the right appears after the installation, click the [Disable] button. Select whether or not to use the printer as a default printer, then click the [Next] button. When the installation is completed, the screen on the right will appear.

Page 35: Installation Under Windows 2000 (Usb With Plug & Play Enabled)

Installation under Windows 2000 (USB with Plug & Play Enabled) Note: Proper operation is not guaranteed on the PC running Windows 2000. Turn on the PC. Note: Log on as the user with administrative privilege. Turn on the printer and connect it to the PC with a USB cable.

Page 36 Make sure the driver of this device has been detected, then click the [Next] button. Device driver name B-SA4G, B-SA4G-CN, B-SA4T, B-SA4T-CN, B-SX4, B-SX4-CN, B-SX5, B-SX5-CN, B-SX6T-R, B-SX8T-R, B-852-R, B-452-R, B-462-R, B-EX4T1-G, B-EX4T1-T, B-EX4T2-G, B-EX4T2-T, B-EX4T2-H, B-EP2DL-G, B-EP4DL-G, B-EV4-G, B-EV4-T, B-SV4, B-FV4-G, B-FV4-T, B-FP3D, B-EX6T1-G,...

Page 37 When the “Completing the Found New Hardware Wizard” is displayed, click the [Finish] button. When the installation is completed, a new printer icon is added to the Printer folder. - 35 -...

Page 38: Installation Under Windows Xp/Server2003 (Usb With Plug & Play Enabled)

After a while, new devices are detected. New device names B-SA4G, B-SA4G-CN, B-SA4T, B-SA4T-CN, B-SX4, B-SX4-CN, B-SX5, B-SX5-CN, B-SX6T-R, B-SX8T-R, B-852-R, B-452-R, B-462-R, B-EX4T1-G, B-EX4T1-T, B-EX4T2-G, B-EX4T2-T, B-EX4T2-H, B-EP2DL-G, B-EP4DL-G, B-EV4-G, B-EV4-T, B-SV4, B-FV4-G, B-FV4-T,B-FP3D, B-EX6T1-G, B-EX6T1-T, B-EX6T3-G, B-EX6T3-T,B-EX4T3-H When the “Found New Hardware Wizard” is displayed, select “Install from a list or specific...

Page 39 When the screen on the right appears, click the [Continue Anyway] button. When the “Completing the Found New Hardware Wizard” is displayed, click the [Finish] button. When the installation is completed, a new printer icon is added to the Printer folder. - 37 -...

Page 40: Installation Under Windows Vista/Server 2008 / 7 / Server2008R2 / 8 / Server2012 / Server2012R2 / 10 (Usb With Plug & Play Enabled)

Installation under Windows Vista/Server 2008 / 7 / Server2008R2 / 8 / Server2012 / Server2012R2 / 10 (USB with Plug & Play Enabled) Note: If an undefined device is created after installation of the printer driver, follow the procedure described in the section If plug-and-play installation fails under Windows Vista / Server2008 / 7 / Server2008R2 / 8 / Server2012 / Server2012R2 / 10.

Page 41: Installation Under Windows 2000 (Parallel Interface With Plug & Play Enabled)

B-SX4 Series and B-SX5 Series CENTRO. MODE → ECP PLUG & PLAY→ ON B-SA4 Series, B-852-R, B-452-R, B-SX6T (305 dpi), B-SX8T (305 dpi), B-EX4 Series, B-EX6 Series and B-462-R PLUG & PLAY → ON Note: For the parameter setting procedure, refer to Section 6.2 Parameter Setting on the Printer.

Page 42 Make sure the applicable drivers are detected, then click the [Next] button. Device driver name B-SA4G, B-SA4G-CN, B-SA4T, B-SA4T-CN, B-SX4, B-SX4-CN, B-SX5, B-SX5-CN, B-SX6T-R, B-SX8T-R, B-852-R, B-452-R, B-462-R, B-EX4T1-G, B-EX4T1-T, B-EX4T2-G, B-EX4T2-T, B-EX4T2-H, B-FV4-G, B-FV4-T, B-EX6T1-G, B-EX6T1-T, B-EX6T3-G, B-EX6T3-T,B-EX4T3-H When the screen on the right is displayed, click the [Yes] button.

Page 43 “Completing When Found Hardware Wizard” is displayed, click the [Finish] button. When the installation is completed, a new printer icon is added to the Printer folder. - 41 -...

Page 44: Installation Under Windows Xp/Server2003 (Parallel Interface With Plug & Play Enabled)

B-SX4 Series and B-SX5 Series CENTRO. MODE → ECP PLUG & PLAY→ ON B-SA4 Series, B-852-R, B-452-R, B-SX6T (305 dpi), B-SX8T (305 dpi), B-EX4 Series, B-EX6 Series and B-462-R PLUG & PLAY → ON Note: For the parameter setting procedure, refer to Section 6.2 Parameter Setting on the Printer.

Page 45 When the screen on the right appears, click the [Continue Anyway] button. When the “Completing the Found New Hardware Wizard” is displayed, click the [Finish] button. When the installation is completed, a new printer icon is added to the Printer folder. - 43 -...

Page 46: Installation Under Windows Vista / Server2008 / 7 / Server2008R2 / 8 / Server2012 / Server2012R2 / 10 (Parallel Interface With Plug & Play Enabled)

B-SX4 Series and B-SX5 Series CENTRO. MODE → ECP PLUG & PLAY→ ON B-SA4 Series, B-852-R, B-452-R, B-SX6T (305 dpi), B-SX8T (305 dpi), B-EX4 Series, B-EX6 Series and B-462-R PLUG & PLAY → ON Note: For the parameter setting procedure, refer to Section 6.2 Parameter Setting on the Printer.

Page 47: Uninstalling The Printer Driver

Preparation for Installation. Doing this causes the previously installed printer driver to be updated and creates the shortcut of the Driver Wizard in the TPCL Printer Driver of TOSHIBA TEC folder. However, it is not possible to update the printer driver which is older than V6.9.3 M-0.

For such versions, first delete “C:\TEC_DRV”...

Page 48 Select the “Remove printer drivers”, and click the [Next] button. Select the “Automatically remove all TEC Printer Drivers”, and click the [Next] button. Click the [Finish] button to start to delete the printer drivers. - 46 -...

Page 49 “Restart When System” screen displayed, click the [Restart] button. When the printer driver is deleted successfully, the screen on the right is displayed. Note: If the deletion of the printer driver failed, retry from Steps 1 to 5 until the deletion succeeds. Note: When you deleted the printer driver from Windows Vista/Server2008/7/Server2008R2/8/Server2012/Server2012R2/10 and reinstall the printer driver again, follow the procedure described in How to Setup Windows Vista / Server2008/ 7 / Server2008R2 / 8 /...

Page 50: To Delete The V6.5 Build75 Or V6.5 Build77

Select the “TEC **** printer” from the “Edit/Remove Programs”, and click the [Add and delete]. (**** indicates a printer model name. For example, B-452-R, B-462-R, etc.) Confirm that the selected file in the “File Delete confirmation” window is correct, then click the [Yes] button.

Page 51: Functions

3. Functions You can set various functions of this printer driver in the “Properties” and “Printing Preferences”. Property setting menus in the “Printing Preferences” Right-click the printer icon, and select the “Printing Preferences”. The following tabs are provided. 3.1 Page setup 3.2 Graphics 3.3 Stock 3.4 Options...

Page 52 Support Function Description <Device Line Substitution> Driver Options tab When enabled, the driver will try to use the printer's Line Commands to draw lines. When disabled, lines are drawn by using the Graphic Command. <Default Copies> Allows setting the number of copies to be printed as default.

Page 53 Support Function Description <Backfeed> Specifies the length of label stock that is retracted before printing. This entry window is only available in cut or strip mode. <Cut/Strip> For the cut issue, specifies the length of label to feed before cutting the label.

Page 54 Property setting menus in the “Properties” Right-click the printer icon, and select the “Properties”. 3.5 Font 3.6 Tools 3.7 Printer font : Fully supported. X: Use the default. Function Description Support Font tab [Font] button Allows adding, modifying and deleting the currently defined bar code fonts.

Page 55 Function Description Support <List Multiple Character Set Fonts Separately> When selected, print fonts are printed with different code page. [Utility Fonts] <List Utility Fonts> When selected, the utility fonts are usable. <List Bar Code and RFID Fonts> When selected, bar code fonts and RFID fonts are usable.

Page 56 Function Description Support <Check Command Sequence> When selected, a command, which checks whether any command is missing from a command string the printer received, is attached. <Command Protocol> Specifies the command control code. <Bluetooth Connection > <Dlay Close>...

Page 57 Function Description Support <Job Verification> Allows selecting the timing of status monitoring. <Communication> Allows setting the timeout and polling interval. About tab License Shows the license information. Version Shows the driver version, settings, and PC information. The shown information can be stored in a file. Reference: A part of the above settings can be changed in the print dialog box of the application, but such changes may only temporary take effect.

Page 58: Page Setup Tab

Page Setup Tab Clicking on the Page Setup tab allows you to specify the default media size, orientation, and other properties of the media. Note: When printing on the shared printer, specify the orientation and media size on the client PC from which a print job is sent.

Page 59: Registering A New Stock Or Editing The Existing Stock

 Effects Mirror Image When this checkbox is checked, the print will be a mirror image. Negative When this checkbox is checked, the print will be white on black. Depending on the printer models, the selectable options differ. ...

Page 60

Displays the advanced stock properties. ID Displays the ID for the stock being edited. (257 to 32767) Change the stock ID if mismatching in the stock IDs between the older printer driver and the new one causes an error. For example, when printing is performed from the application which manages stock types for Excel, Access, etc.

Page 61

 Label Size Width, Height Specifies the height and width of a label stock size. Exposed liner width Left, Right Specifies the distance between the edges of the paper backing and the edges of the label. (Set the same value for the left and right.) Note: For the B-SP2D, B-419, and B-431 models, set the both exposed liner widths to 0 mm.

Page 62: Preset

3.1.2 Preset By clicking the [Manage] button in the Page Setup page, the following screen display will appear to allow you to manage the printer settings with a name. Preset Management New After configuring the necessary print settings for a selected stock, click the [New] button, name these print settings to manage them as a preset, and enter a description of these settings in the “Description”...

Page 63: Advanced Options

3.1.3 Advanced Options Clicking the [Advanced Options] button allows control of the printer options for which the printer driver does not provide explicit control. Printing Position Position Adjustment tab Horizontal Offset Enables adjustment of the print position in the horizontal direction.

Page 64

 Function Character When a bar code font is used for printing, use of the function character enables encoding binary data. The default setting is a caret [^] (5EH). The following explanation is based on an assumption that the caret [^] (5EH) is used. Entry in hex.

Page 65

 Disable Copies Limit: When this checkbox is checked, a value greater than 9999 can be set for the Default Copies. Since this feature is not supported, do not change the default setting. Disable User-Defined Paper Size: This feature disables the user-defined paper size “USER”. When this checkbox is checked, “USER” cannot be used.

Page 66: Graphics Tab

Graphics Tab Clicking the Graphics tab enables adjustment of dithering or color tone. Resolution Enables selecting the print head resolution. Only the resolutions supported by the printer model can be specified. Dithering Enables creating the illusion of different shades of gray by varying the pattern of dots. The more dither patterns that a device or program supports, the more shades of gray it can represent.

Page 67: Stock Tab

Stock Tab Clicking the Stock tab allows setting various print conditions specific to the printer, such as the media settings, issue settings, and fine adjustments. Media Settings Print Method Enables selecting the print method. • Direct thermal • Direct thermal (Head up) •...

Page 68

 Sensor Enables selecting a sensor type. • None • Reflective • Transmissive • Transmissive (Manual Threshold) • Reflective (Manual Threshold) • Transmissive (Clothing Tags) • Lower Reflective (Black mark on the reverse side) • Lower Reflective (Manual Threshold) • Upper Reflective (Black mark on the print side) •...

Page 69: Fine Adjustment

 Occurrence Enables specifying how often labels should be cut. If the “Strip Mode (with Back Feed)” is selected for the Issue Mode, this feature is disabled. • After every page ---------- Cuts labels after each label is finished printing. •...

Page 70: Options Tab

Options Tab Models other than B-EP2DL-G, B-EP4DL-G and B-FP3D B-EP2DL-G, B-EP4DL-G and B-FP3D Graphic Options Transfer Mode Basically, select the “TOPIX Allows selecting the

method used to download graphics to the printer. compression” mode. The “TOPIX compression (XOR)” method improves the throughput by processing only a different part from the previous page.

Page 71: Multiple Part Print Area Settings (B-Ev4 (203 Dpi) Only)

 Supply Options Allows setting the printing energy for each of the “Direct thermal” and “Thermal transfer”. When “Use Current Print Setting” is selected, the printer operates according to the currently selected setting. Selection of “Direct thermal” or “Thermal transfer” depends on which is selected for the “Print Method“ on the Stock page.

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 Multiple Part High Density Print Area Enables setting the “Multiple Part High Density Print Area Offset (c)” (X-coordinate of the multiple part high density print area start position) and “Multiple Part High Density Print Area Length (d)”. This area is to be printed with much higher print energy than the multiple part print area to enable clearly printing small or fine characters and bar codes on the second sheet.

Page 73: Ribbon Adjustments

3.4.2 Ribbon Adjustments Clicking on the [Ribbon Adjustments] button on the Options page enables ribbon settings. Ribbon Type When the “Set” checkbox is checked, configurations related to the ribbon is allowed. When unchecked, the printer operates according to the currently selected settings. This menu is provided only to the models for which a ribbon type is selectable.

Page 74: Fonts Tab

Fonts Tab Clicking the Fonts tab of the Properties screen enables adding, deleting, modifying, importing, exporting, and viewing currently defined bar code fonts. These fonts will be listed in many Windows applications that normally do not support printing bar codes. Although they will not appear as bar codes on the screen, they will print as bar codes.

Page 75

 Delete Enables deleting the currently selected bar code font. Select a bar code font, then click the [Font] button and the “Delete” or right-click the font and select the “Delete”. View Enables filtering the bar code font types to display. “Resident Fonts” and “Bar code fonts” are available. Supplement: The bar code font list on the [Fonts] page only shows the font types usable by the applicable printer driver.

Page 76

 Bitmap Font Settings List Bitmap Fonts: When this checkbox is checked, the bitmap fonts can be used on the application. When not checked, the bitmap fonts cannot be used. Simulate Scalable Fonts: When this checkbox is checked, the size of bitmap fonts can be specified to the same size of outline fonts.

Page 77

 Encoding tab Text Encodings Enables setting the code page for the data to be printed in the resident fonts. Wrong code page setting causes the printer not to print properly. Since this feature is not supported, do not change the default setting.

Page 78: Bar Code Font

3.5.1 Bar Code Font When you click the [Font] button in the [Fonts] page and select the “New Bar Code Font”, the following screen appears to enable addition of a new bar code font. Also, you can modify the registered bar code font properties. First select the bar code font to edit, then click the [Font] button in the [Fonts] page and select the “Edit”...

Page 79

 Bar Code Options Symbology Enables selecting a type of the bar code or two dimensional code from the following. • Code 39 - Full ASCII • Code 39 - Regular • Code 93 • Code 128 • Codabar NW-7 •...

Page 80: Tools Tab

Tools Tab Clicking the Tools tab enables testing the printer operations or setting variable options. Printer Print Generic test Prints an image “TEST” on a label on the print conditions (Media size, position adjustment, sensor type, etc.) specified in the Stock page. This should help verify that the computer being used is communicating with the printer.

Page 81

 Manage XML Data Print Files Enables managing the format, graphic, and font files related to the XML data in the printer. This feature is not supported Reset Printer Enables

resetting the printer. This is available only when the RS-232C interface is used. ...

Page 82 Include Job Information: When this checkbox is checked, the job information obtained from the printer through the SNMP feature is added to those to be printed. This information is displayed on the Network Tool. Note: This feature is disabled as default. If you do not need the job information on the SNMP, do not change the default setting.

Page 83 Erase Memory When the “Erase Memory” is clicked, the screen on the right is displayed to enable formatting the specified flash memory. When the [OK] button is clicked, the memory format is executed. Ribbon Settings When the “Ribbon Settings” is clicked, the screen on the right appears to enable fine adjustment of the ribbon motor voltages.

Page 84 Reset to Defaults: Allows restoring the checked items to the factory default. Bar Code and RFID Fonts ····· Registered bar code fonts Network Settings ····· Setup information of the [Network Settings] Presets ····· Registered preset lists Printer Properties ····· Settings of stocks, graphics, print conditions, and various print configurations. ...

Page 85 Measurement System: Allows selecting the desired unit of measure. Units • Use Windows Setting • Inches • Millimeters • Centimeters Windows Settings: Displays the “Regional and Language Options” of Windows. Printer Specifications tab Unprintable Width: Allows making minor adjustments in the horizontal positioning of the printed image on the label.

Page 86 Logging Options Supports logging print jobs and recording printer code to files for debugging purposes. This feature is available only when the “Bi-directional support” is enabled. Logging tab Enables recording printed pages and job history to a file or as event logs. Only the Legacy Log, created by clicking the [Tools] button and “Add Legacy Log”, is supported.

Page 87 B-SX4T (203 dpi), B-SX4T-CN (203 dpi), B-SX5T (305 dpi), B-SX5T-CN (305 dpi), B-SV4, B-SA4T (203 dpi), B-SA4T-CN (203 dpi), B-SA4T (300 dpi), B-SA4T-CN (300 dpi), B-852-R, B-452-R, B-462-R, B-EP2DL-G, B-EP4DL-G, B-SX6T (305 dpi), B-SX8T (305 dpi), B-EX4T1 (203 dpi), B-EX4T1...

Page 88 B-SX5T-CN (305 dpi), B-SV4, B-SA4T (203 dpi), B-SA4T-CN (203 dpi), B-SA4T (300 dpi), B-SA4T-CN (300 dpi), B-852-R, B-452-R, B-462-R, B-EP2DL-G, B-EP4DL-G, B-SX6T (305 dpi), B-SX8T (305 dpi), B-EX4T1 (203 dpi), B-EX4T1 (305 dpi), B-EX4T2 (203 dpi), B-EX4T2 (300 dpi), B-EX4T2 (600...

Page 89 dpi), B-EX4D2 (203 dpi), B-FV4 (203 dpi), B-FV4 (300 dpi), B-FP3D (203 dpi), B-EX6T1 (203 dpi), B-EX6T1 (305 dpi), B-EX6T3 (203 dpi) ,B-EX6T3 (305 dpi) and B-EX4T3 (600 dpi). It takes time to detect an OFFLINE status. (30 sec. at least) ...

Page 90: Designation Of Printer Font

Supplement: • The name of the printer fonts (bar code or 2D code fonts) for the Toshiba TEC bar code printers starts with “TEC”, like “TEC Kanji”. Although the “TEC ***” fonts do not appear as bar codes on the screen, they will be converted by the driver into the desired bar codes.

Page 91 Restrictions of Bar Code Fonts • Depending on the applications, bar code fonts may not be listed in the font types. Make sure that the application used supports the printer fonts. • Bar code fonts do not appear as bar codes on the document of the application. Instead, characters or symbols are displayed.

Page 92 • When a control code or special code is used with the bar code font specified, refer to the following table and enter the corresponding data. In the case a caret “^” is used, enter “^^” because the caret “^” is the default function character. If the function character is changed from “^”...

Page 93 Correspondence table of the specified size of TEC Kanji and actually printed size Unit: Point 305dpi 300dpi Specified size Print size Specified size Print size 1.0 to 2.0 1.0 to 2.5 2.5 to 3.0 3.0 to 3.0 3.5 to 5.0 3.5 to 5.0 5.5 to 7.0 5.5 to 7.0...

Page 94: System Configuration

1. When the printer server is used, set the port by following the guideline of the printer server

device. 2. When the Toshiba TEC optional LAN board or a set of the optional PCMCIA board and a LAN card is used to connect the printer to the LAN, refer to Section 6.3 How to Connect the Printer to LAN.

Page 95: System Configuration Example

System Configuration Example Example 1 In the case a Windows PC is directly connected to the printer. Install the printer driver (for Windows 9X or Windows NT) in the PC #1. Specify the LPT1 (local port) for the output port. Print data flow: Centronics Printer...

Page 96

 Example 3 In the case print jobs are sent from Windows PC #2 (Windows 9x) and Windows PC #3 (Windows NT) to the Windows PC #1 (Windows NT) via TCP/IP, and these print jobs are sent from the PC #1 to multiple printers 1.

Page 97: Addition/Deletion Of Standard Tcp/Ip Port

5. Addition/Deletion of Standard TCP/IP Port When connecting the printer via LAN interface, configure the following settings on the printer using the printer system mode menu <7>IP ADDRESS. • PRINTER IP ADDRESS • GATEWAY IP ADDRESS • SUBNET MASK • SOCKET PORT The above PRINTER IP ADDRESS and SOCKET PORT are used as the “Printer Name or IP address”...

Page 98: Addition

Addition Right-click the printer icon, and click the “Properties” to open the printer properties screen. Select the [Ports] tab and click the [Add Port] button. Select the “Standard TCP/IP Port” from the “Available port types” list, then click the [New Port] button. - 96 -...

Page 99

After the “Add Standard TCP/IP Printer Port Wizard” is started, click the [Next] button. Type in the “Printer Name or IP Address” and click the [Next] button. Note: The Port Name is automatically set when the “Printer Name or IP Address” is entered. Select the “Device Type”...

Page 100

When you choose the “Raw” for the Protocol, enter the printer SOCKET PORT as the “Port Number” and click the [OK] button. default port number is “8000” or “9100”. Do the “SNMP Status Enabled” not check checkbox. When you choose the “LRP” for the Protocol, enter any queue name (e.g.

Page 101: Deletion

Deletion Right-click the printer icon, and click the “Properties” to open the printer properties screen. Select the [Ports] tab and click the [Delete Port] button. When the deletion of the port is completed, it is deleted from the print port. - 99 -...

Page 102: Appendix

6. Appendix How to Enable Bi-directional Communication Support Right-click the printer icon and open the Properties. Click the [Port] tab. To enable the bi-directional support, check the “Enable bi-directional support” checkbox. disable bi-directional support, remove the check from the “Enable bi-directional support”...

Page 103: Parameter Setting On The Printer

Parameter Setting on the Printer For how to set the parameters, please refer to the Owner’s Manual supplied with the connected TOSHIBA bar code printer. Note: The following example is the parameter setting procedure for the B-SX5T. The “CENTRO. MODE” is set to “ECP” and “PLUG & PLAY” is set to “ON”, respectively.

Page 104: How To Connect The Printer To Lan

Unidirectional LPR protocol B-EV4 (300 dpi) B-SA4T (203 dpi) / B-SA4T-CN (203 dpi) Unidirectional Raw or LPR protocol B-SA4T (300 dpi) / B-SA4T-CN (300 dpi) B-852-R B-452-R B-462-R B-EP2DL-G B-EP4DL-G B-SV4D-GS12-QM-R B-SX6T (305 dpi) B-SX8T (305 dpi) B-EX4T1 (203 dpi)

This manual is also suitable for:

B-452-ts-rB-sx5t-ts12-qpB-sx5t-ts22-qqB-sx5t-ts22-qq-usB-sx5t-ts22-qpB-sx5t-ts22-qm-r ... Show all