

TRST-C10BI Printer Driver for Windows XP User's Manual

First Edition : August 31, 2011

TOSHIBA TEC SINGAPORE PTE LTD

Copyright(C)2011
TOSHIBA TEC SINGAPORE PTE LTD

This document describes the precautions for using the TRST-C10BI Printer Driver for Windows XP.

This document assumes that the reader is familiar with the following:

- General characteristics of Windows and Printer Driver for Windows.
- General characteristics of TRST- C10BI printer

Notes:

- All rights reserved. It is prohibited to use or duplicate a part or whole of this document without the permission of TOSHIBA TEC SINGAPORE PTE LTD.
 - This document is subject to change without prior notice.
- * Microsoft, Windows, and Windows XP are registered trademarks of Microsoft Corporation in the United States and/or other countries.
- * The official name of Windows is the “Microsoft Windows Operating System” .

Revision Record

No.SPAA-419

TRST-C10BI – Printer Driver for Windows XP User's Manual

Rev.No.	Date	Pages	Description
01	Aug 31, 2011	---	Original issue

Table of Contents

1	Operation Environment	5
2	How to install the Printer Driver	6
2.1	Manual Install through "Add Printer" wizard.....	6
2.1.1	Add Printer	6
3	How to update the Printer Driver.....	12
3.1	Update Driver.....	12
4	How to uninstall the Printer Driver.....	18
5	Examples for a receipt printing	21
5.1	Receipt printing	21
5.1.1	Document setting.....	23
5.1.2	Logo setting.....	23
5.1.3	Font setting.....	24
5.1.4	Barcode setting	25
5.1.5	ControlA Font setting	26
5.2	Print Rendering	28
6	Note	29
6.1	Log file setting	29

1 Operation Environment

This printer driver works with below environment.

OS	Windows XP
I/F	Serial(RS232C)

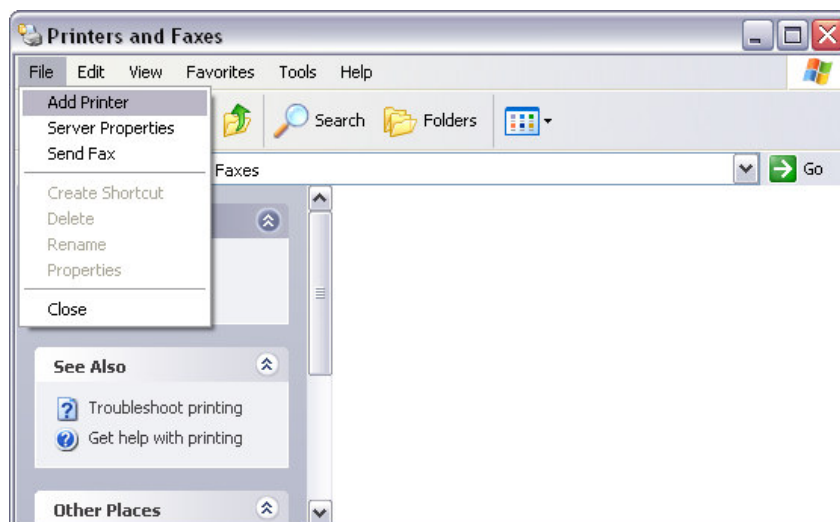
2 How to install the Printer Driver

2.1 Manual Install through "Add Printer" wizard

2.1.1 Add Printer

Open the 'Printers and Faxes'.

Go to 'File' and click the 'Add Printer' button.



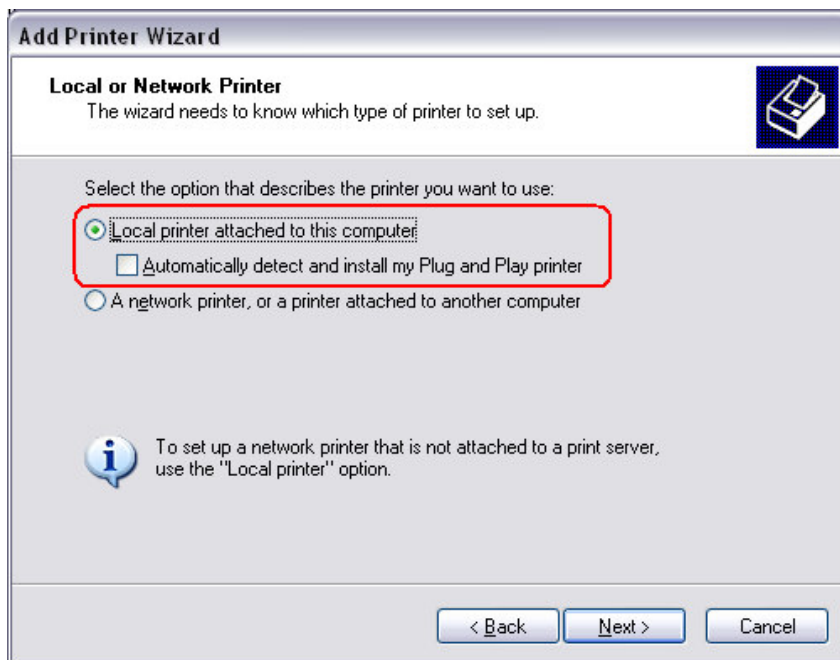
The 'Add Printer Wizard' dialog appears.

Click 'Next' to continue.



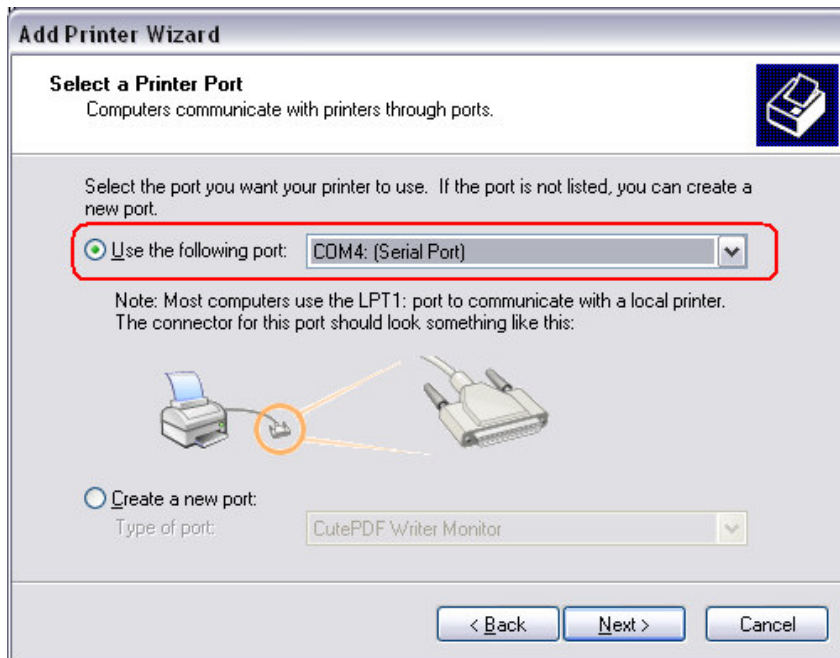
Select 'Local printer attached to this computer' and uncheck 'Automatically detect and install my Plug and Play printer'.

Click 'Next' to continue.

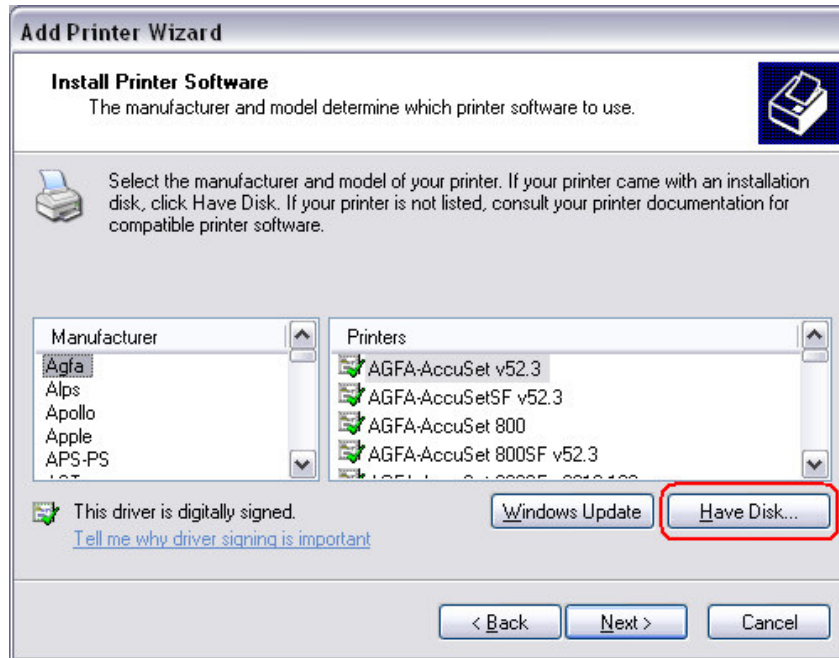


Select 'Use the following port' option and select 'COM4: (Serial Port)' from the dropdown list.

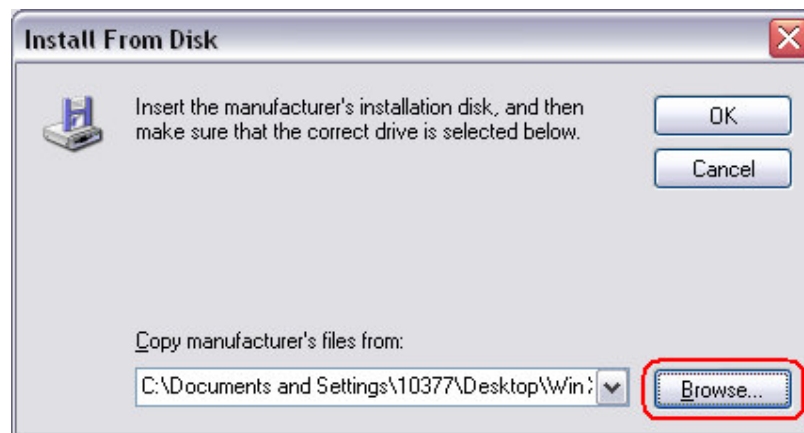
Then click 'Next'.



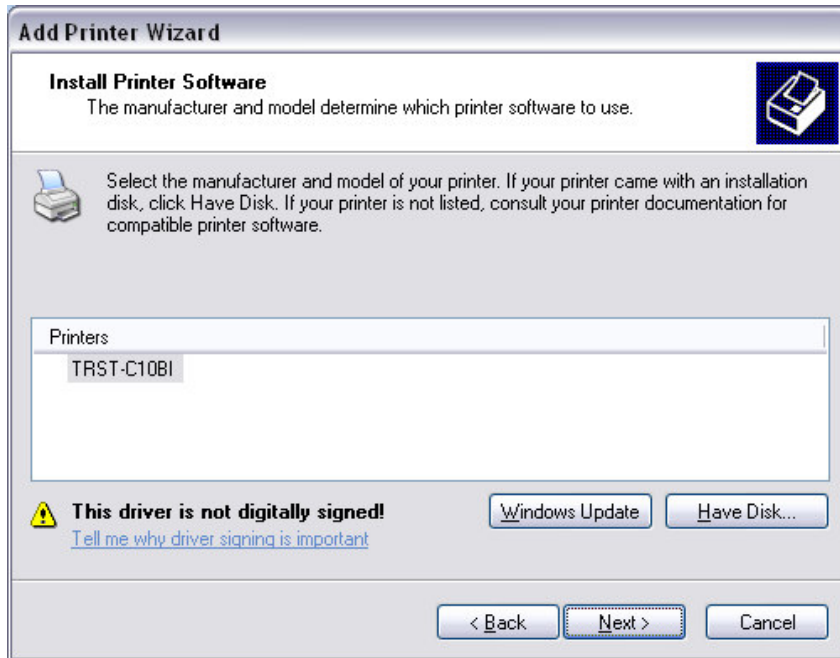
Click 'Have Disk'.



Click 'Browse' and locate the folder where the printer driver is saved.

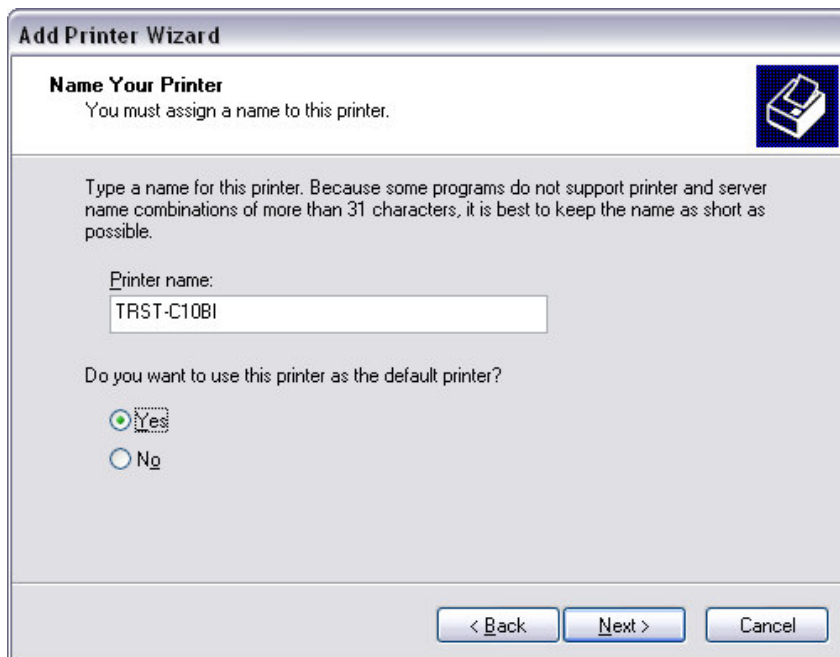


The name of the printer to be installed will appear. Click 'Next'.

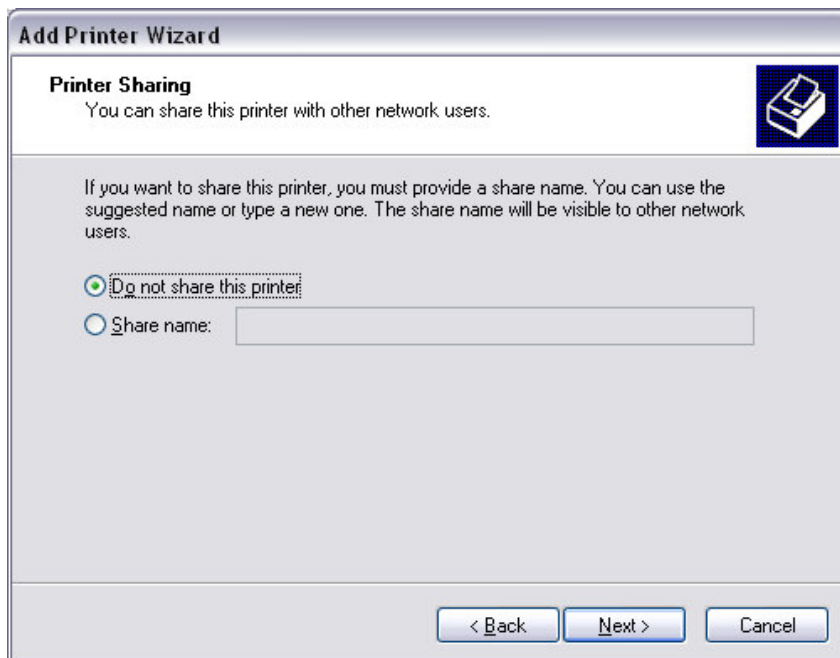


Optionally, you may modify the default printer name.

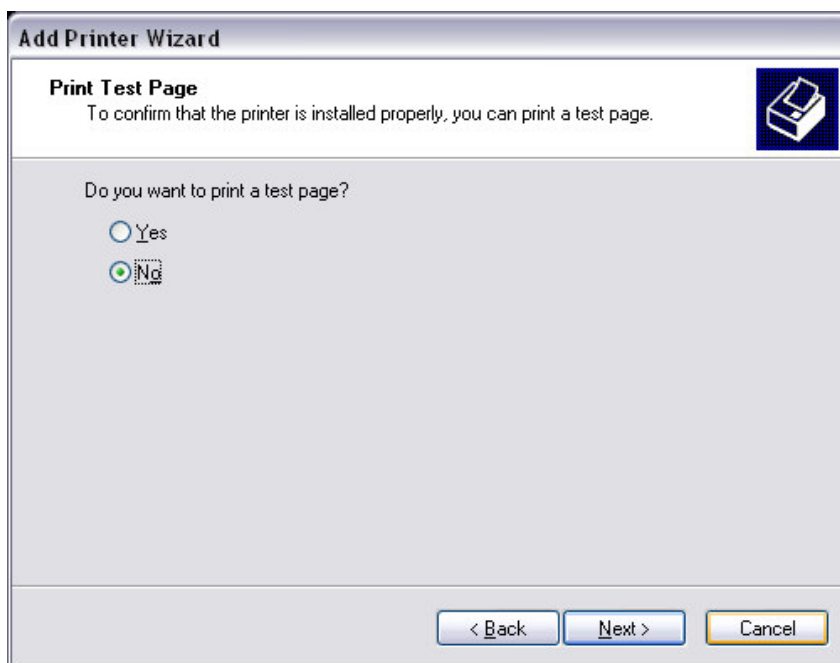
Then click 'Next'.



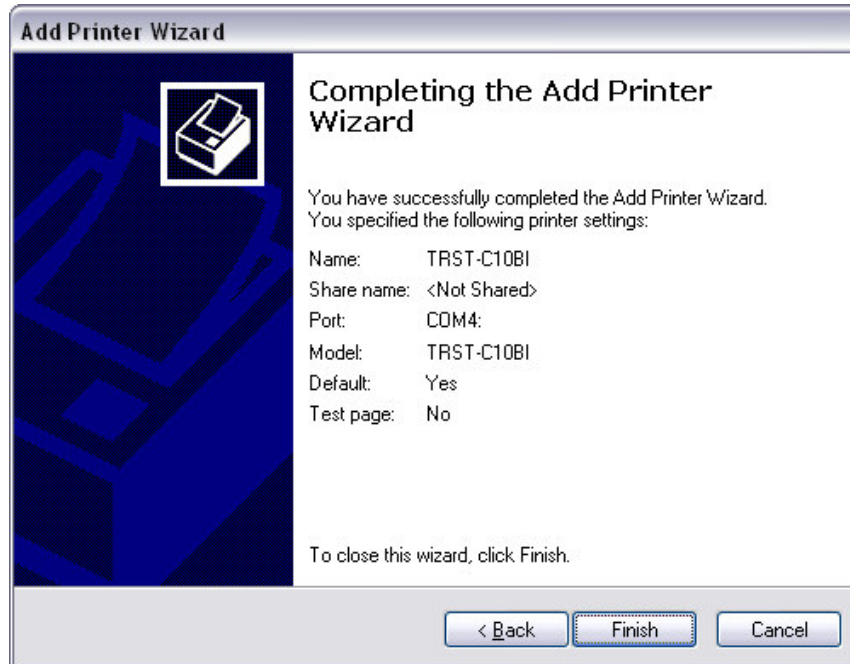
You have the option to share the printer on your network. By default, the printer is not shared.
Click 'Next' to continue.



If you want a test page to be printed after the driver is installed, select 'Yes'.
Click 'Next' to continue.



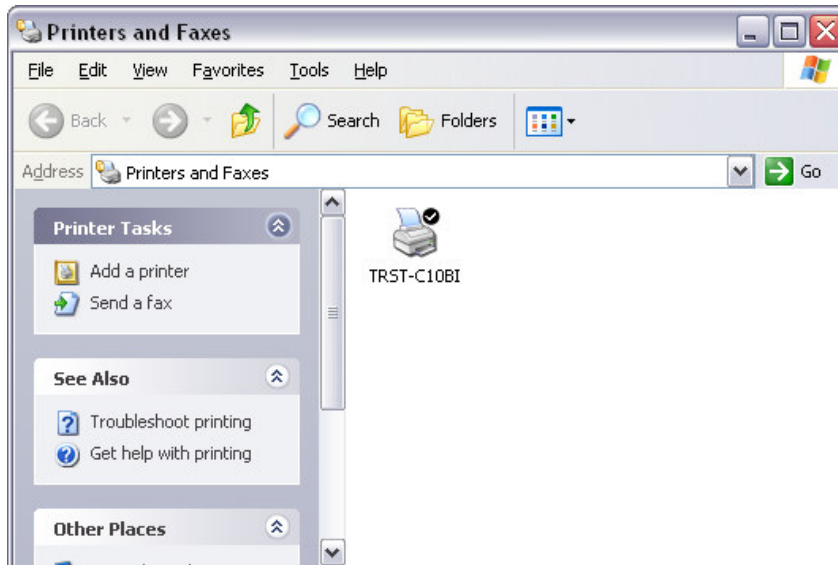
Click 'Finish' to proceed with the installation.



Click 'Continue Anyway' to proceed.



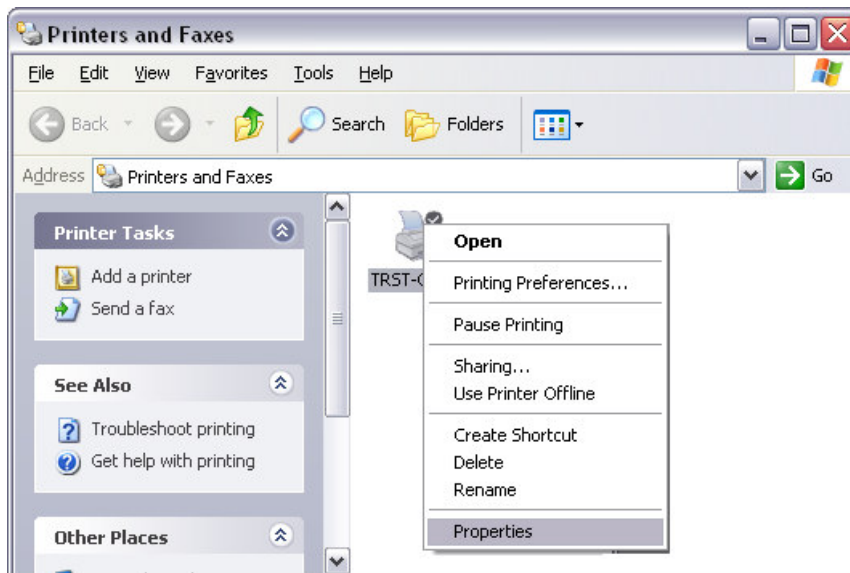
Once installation is completed, the printer icon will appear in the Printers and Faxes window.



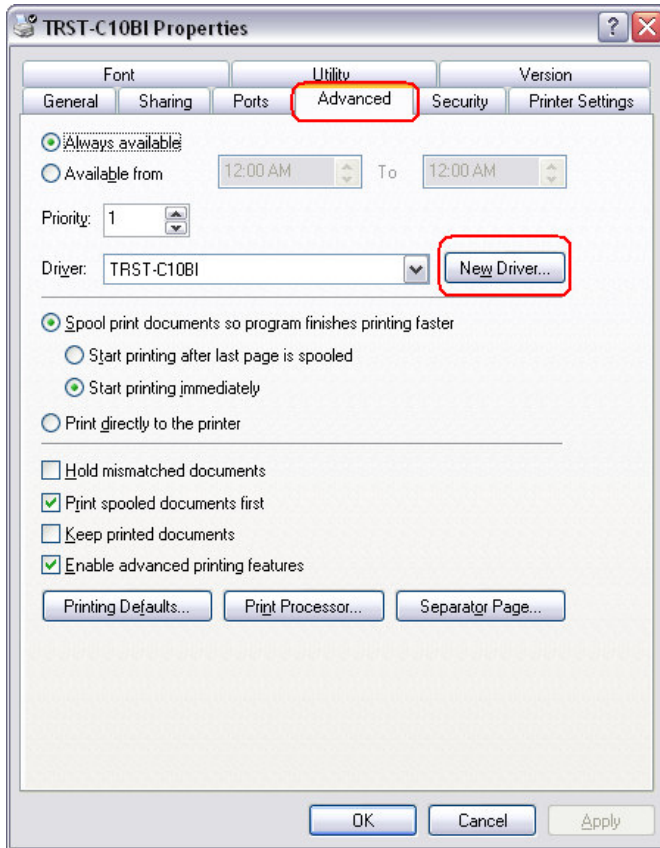
3 How to update the Printer Driver

3.1 Update Driver

Open the 'Printers and Faxes'. Right-click on the 'TRST-C10BI' printer icon and select 'Properties'.



Go to the 'Advanced' tab and click 'New Driver'.

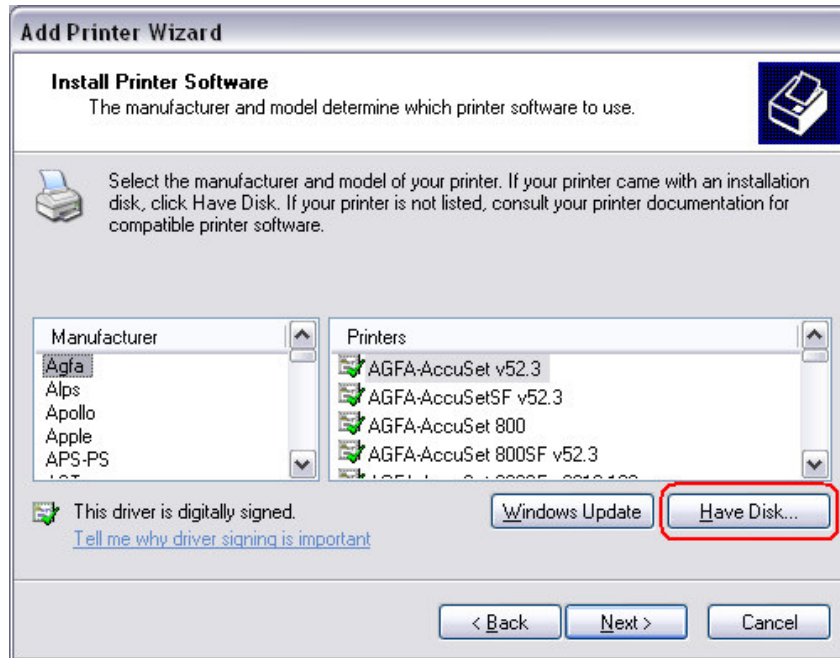


The 'Add Printer Driver Wizard' will start.

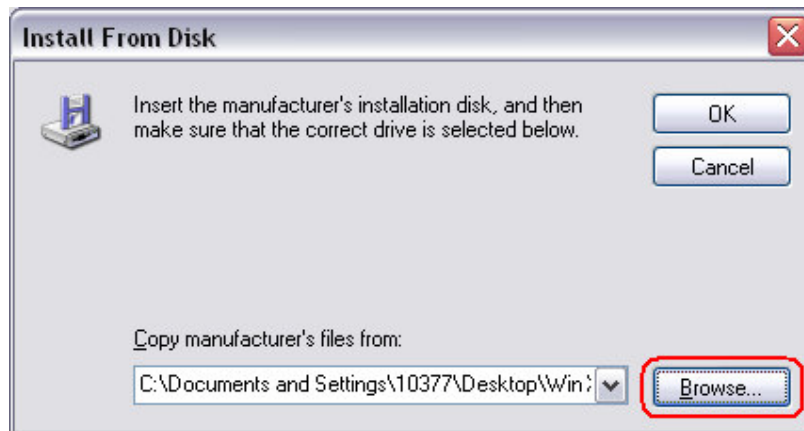
Click 'Next' to continue.



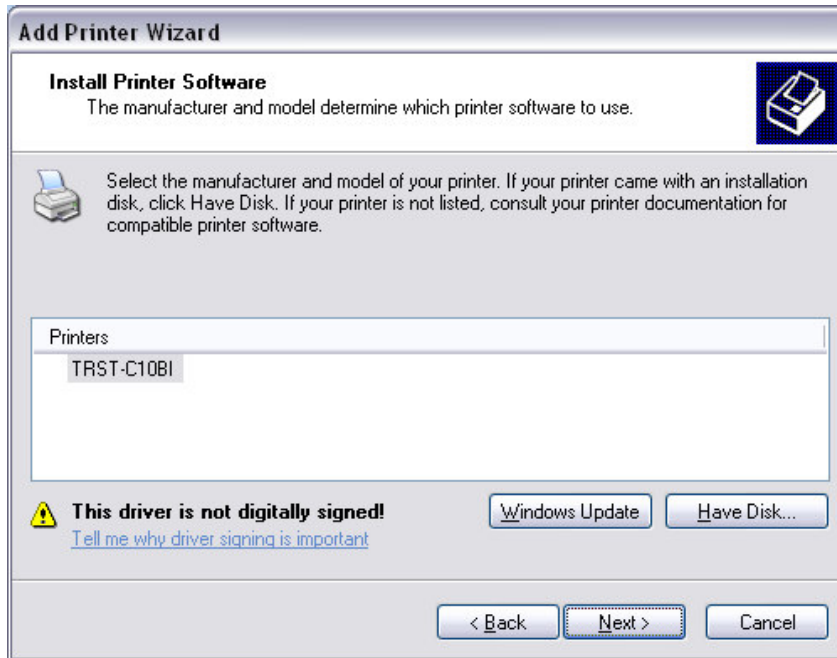
Click 'Have Disk'.



Click 'Browse' and locate the folder where the printer driver is saved.

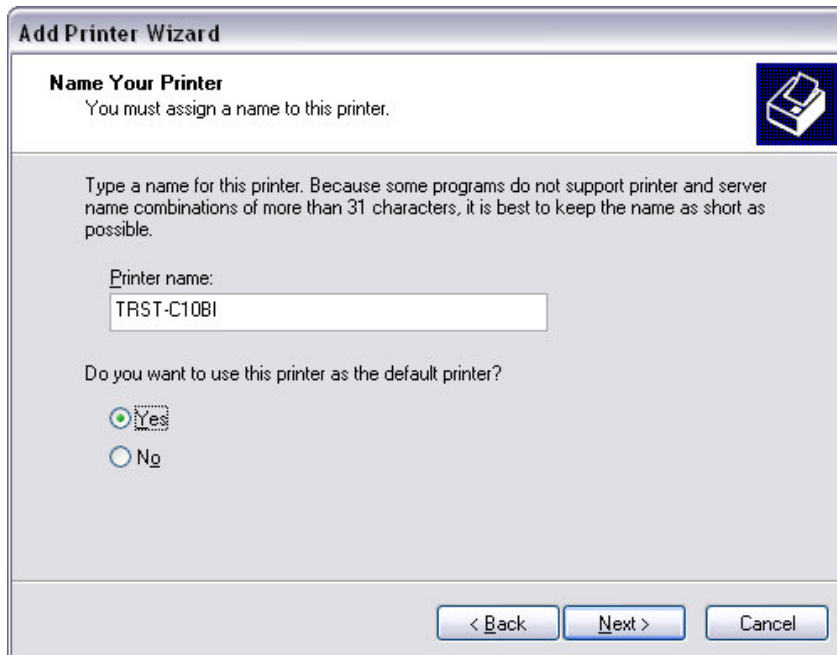


The name of the printer to be installed will appear. Click 'Next'.

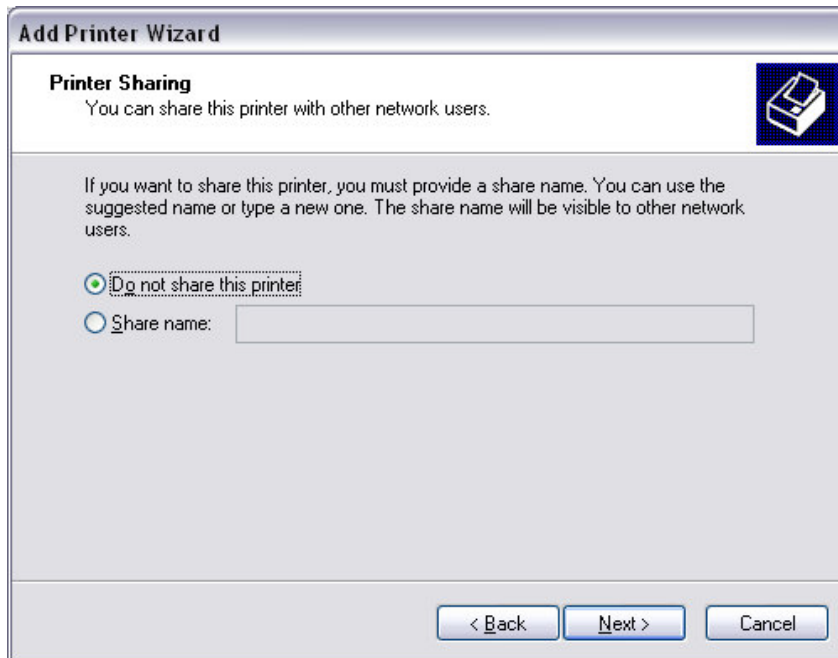


Optionally, you may modify the default printer name.

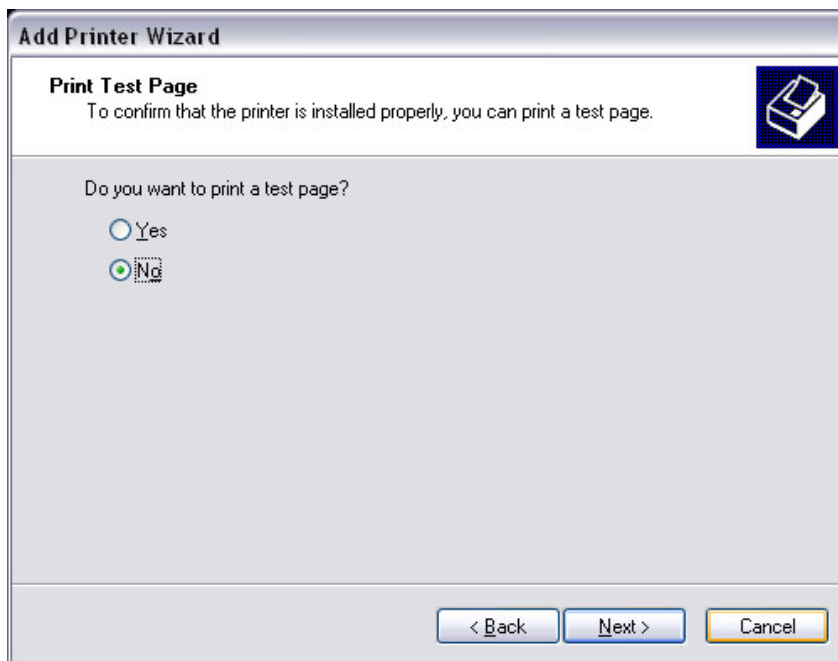
Then click 'Next'.



You have the option to share the printer on your network. By default, the printer is not shared.
Click 'Next' to continue.



If you want a test page to be printed after the driver is installed, select 'Yes'.
Click 'Next' to continue.



Click 'Continue Anyway' to proceed.

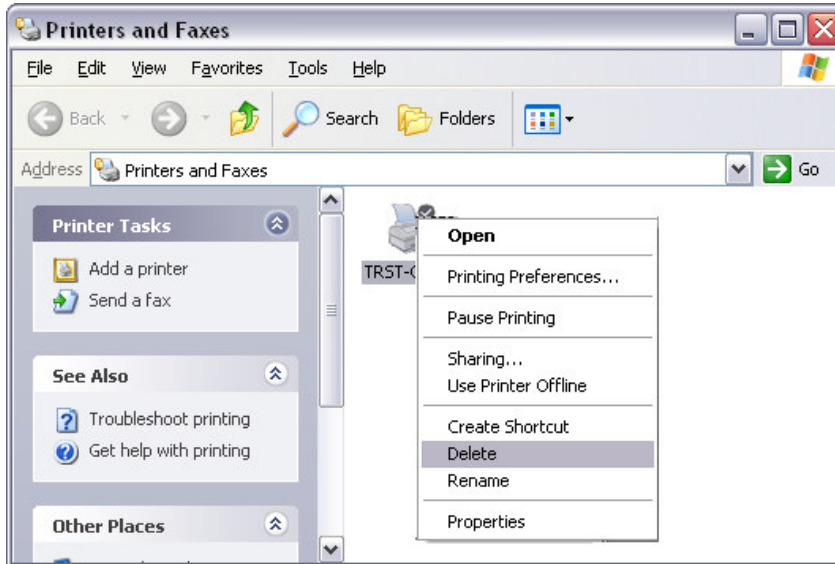


Restart the computer to successfully update the driver.

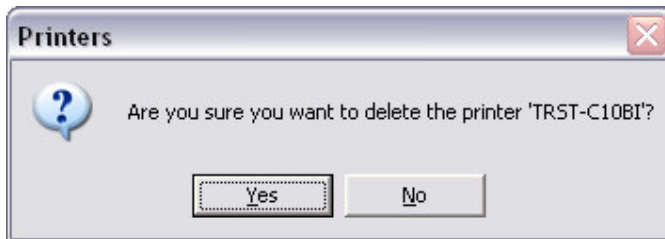
4 How to uninstall the Printer Driver

Open the 'Printers and Faxes' folder.

Right-click on the 'TRST-C10BI' printer icon and select 'Delete'.

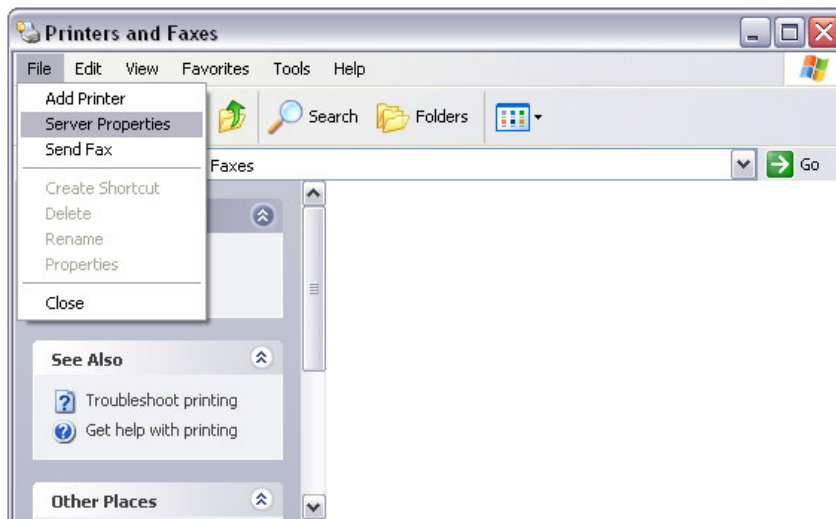


Click 'Yes' to confirm.



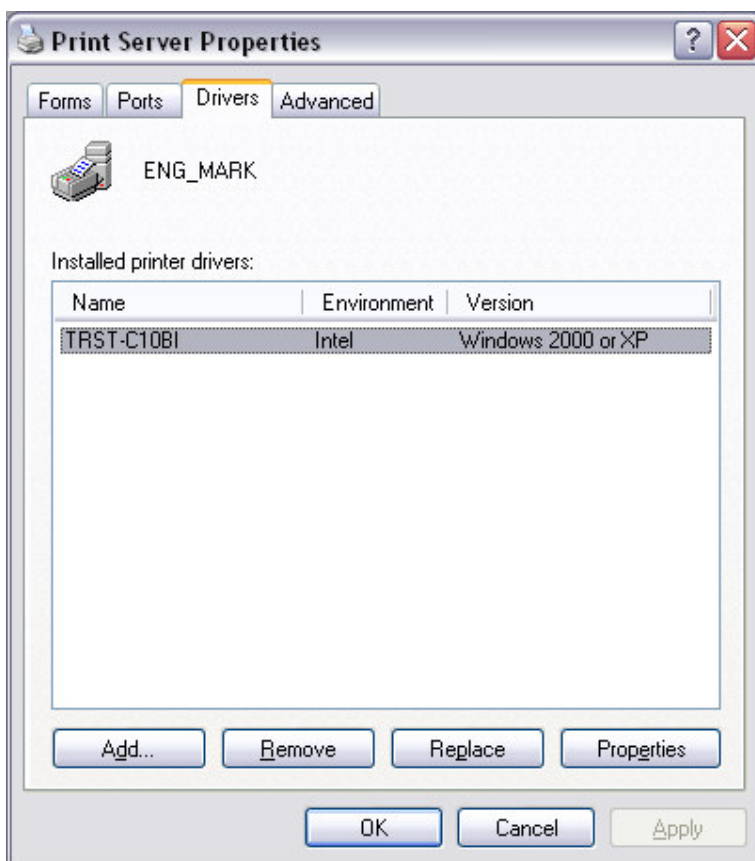
The printer icon is removed.

Go to 'File' and click 'Server Properties'.

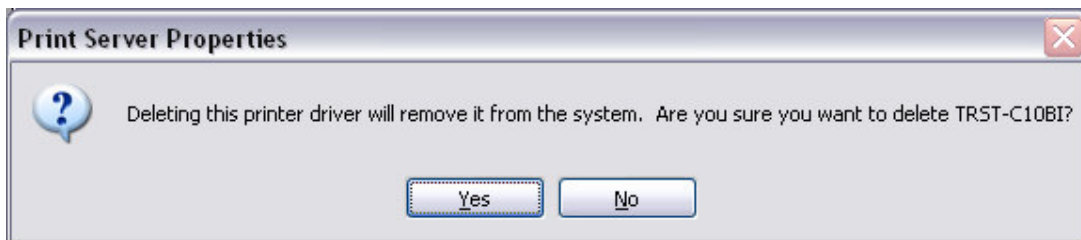


Go to the 'Drivers' tab and select 'TRST-C10BI'.

Click 'Remove'.



Click 'Yes' to confirm.



The printer driver has been successfully removed from your system.

5 Examples for a receipt printing

5.1 Receipt printing

5.1.2 Document Setting

5.1.3 Logo Setting

5.1.4 Font Setting

5.1.5 Barcode Setting

5.1.6 ControlA Font setting

LOGO

The Home Store
1234 Your Street
Anywhere, USA 12345

SALE 404 123-4567 04 80936
1234 07/15/09 05:29 PM


NOODLE SOUPE	002420000130	1.49	K
CHICKEN	004135853129	0.89	K
CORN STARCH	001231243010	1.19	K
POPCORN	002700048414	2.50	K
GRIPNSPRERGO	007785522284	7.92	E
MIXED NUTS	002900007184	2.87	K
CANNED AIR	007947454608	3.94	E
CHK BOUILION	004125875156	1.69	K
CHK BOUILION	004125875158	1.89	K

■
■
■
■

CHAMPAGNE	005672330785	10.43	E
COFFEE	002212340484	0.81	K
MILK	001251700860	3.18	E

SUBTOTAL 430.07
TAX 25.85
TOTAL 455.92
CASH 500.00
CHANGE 44.88

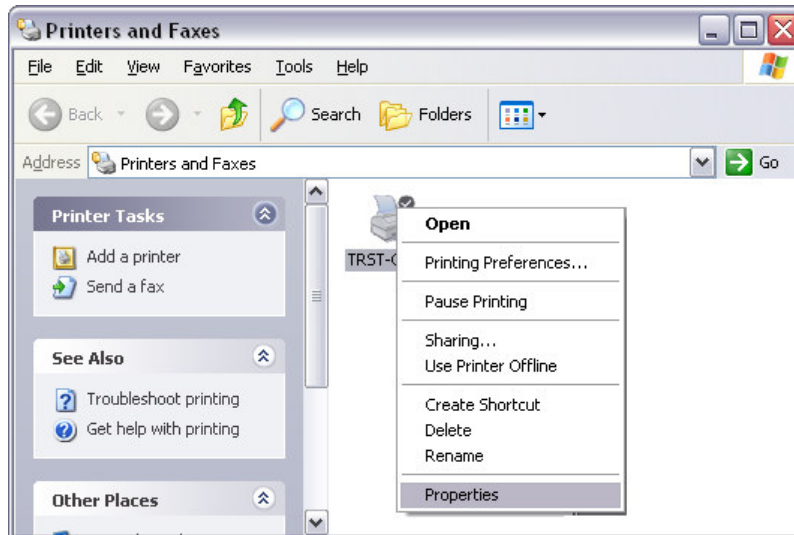
RECEIPT REQUIRED FOR REFUND



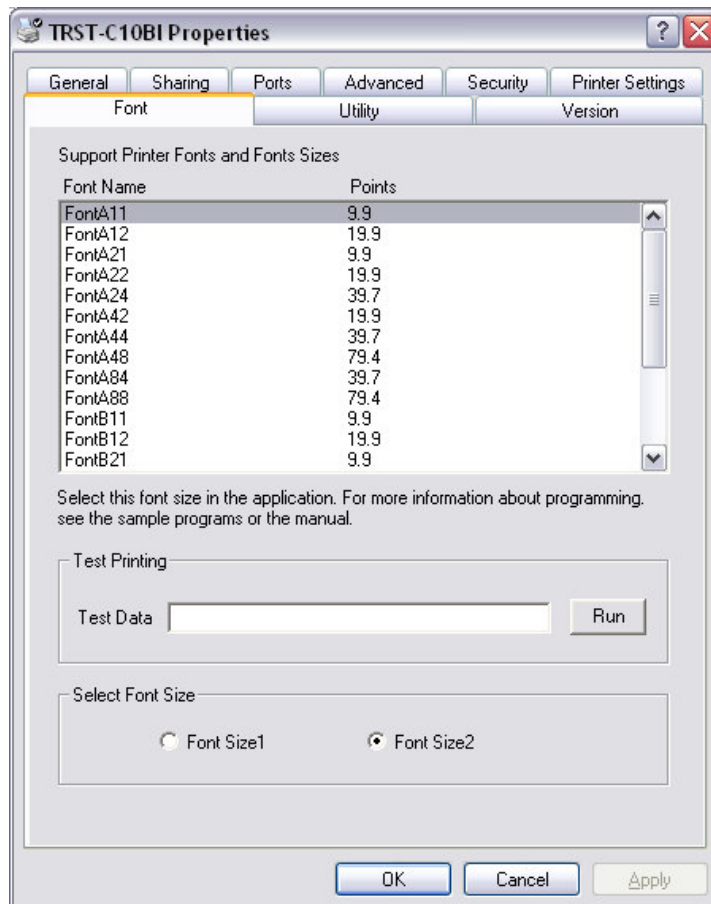
0123456789123

Thanks For Shopping
At the Home Store
Lowest Prices
Day In, Day Out

- 1) Right-click on the "TRST-C10BI" printer icon and select "Properties".

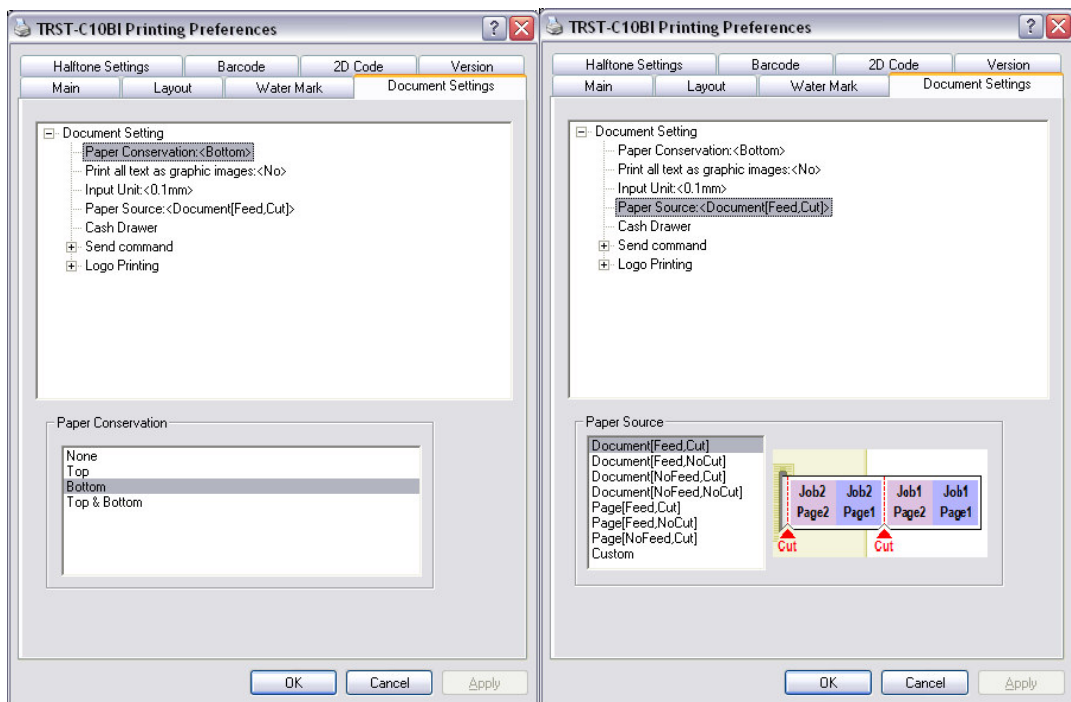


- 2) Click **Font** tab. By default, Font Size 2 is selected. You may opt to select Font Size 1 then click "OK".



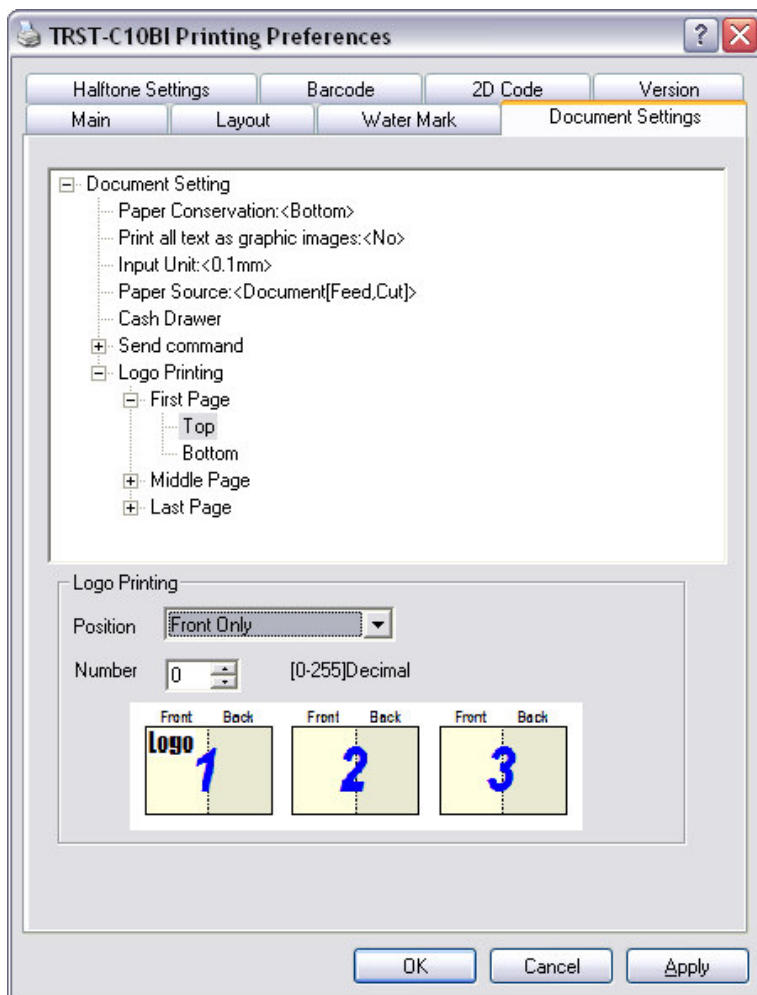
5.1.1 Document setting

- 1) In the receipt printing, the paper length does not matter. Since it depends on the number of items on a receipt, a receipt length is not specified. Select the specified paper size ([58mm x 297mm] or [80mm x 297mm]) that has the paper width you require.
- 2) Right-click on the "TRST-C10BI" icon and select "Printing Preferences".
Click on **Document Settings** tab. Select "Bottom" on the "Paper Conservation". Click "OK".
Also select "Document[Feed,Cut]" on the "Paper Source". Click "OK".
According to the setting of the "Paper Conservation" and the "Paper Source", the receipt is cut at the proper position (end of receipt) automatically.



5.1.2 Logo setting

- 1) Click on **Document Settings** tab. Select "First Page - Top" on the "Logo Printing" to specify the logo position on the receipt. Select "Front Only" at the "Position" combo-box. Also select the logo number at the "Number" combo box to specify the logo. The logo has to be downloaded by the TRST-C10BI commander before using this setting. Click "OK".



5.1.3 Font setting

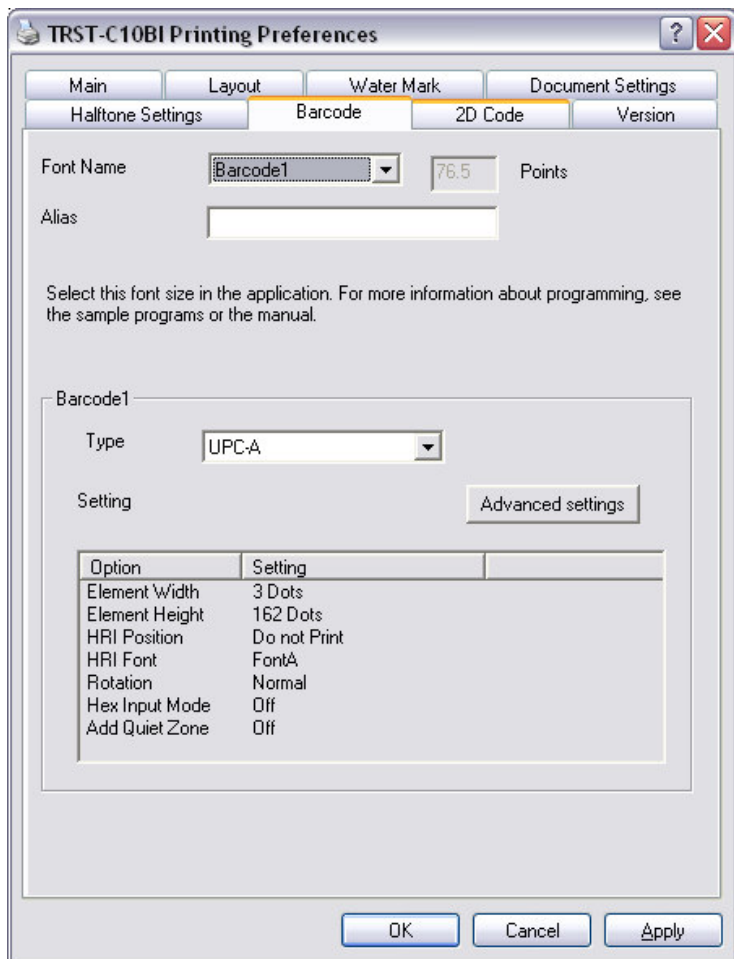
- 1) Select the printer font and send the character data to the printer. Following are printer fonts that can be selected by an application. The sizes of those fonts are fixed.

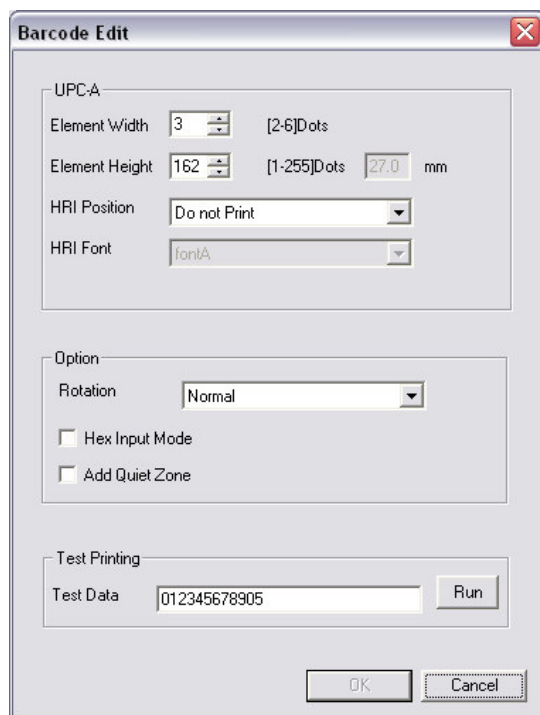
Font1			
Font Name	Point	Font Name	Point
FontA11	8.5	FontB11	8.5
FontA12	17.0	FontB12	17.0
FontA21	8.5	FontB21	8.5
FontA22	17.0	FontB22	17.0
FontA24	34.0	FontB24	34.0
FontA42	17.0	FontB42	17.0
FontA44	34.0	FontB44	34.0
FontA48	68.1	FontB48	68.1
FontA84	34.0	FontB84	34.0
FontA88	68.1	FontB88	68.1

Font2			
Font Name	Point	Font Name	Point
FontA11	9.9	FontB11	9.9
FontA12	19.9	FontB12	19.9
FontA21	9.9	FontB21	9.9
FontA22	19.9	FontB22	19.9
FontA24	39.7	FontB24	39.7
FontA42	19.9	FontB42	19.9
FontA44	39.7	FontB44	39.7
FontA48	79.4	FontB48	79.4
FontA84	39.7	FontB84	39.7
FontA88	79.4	FontB88	79.4

5.1.4 Barcode setting

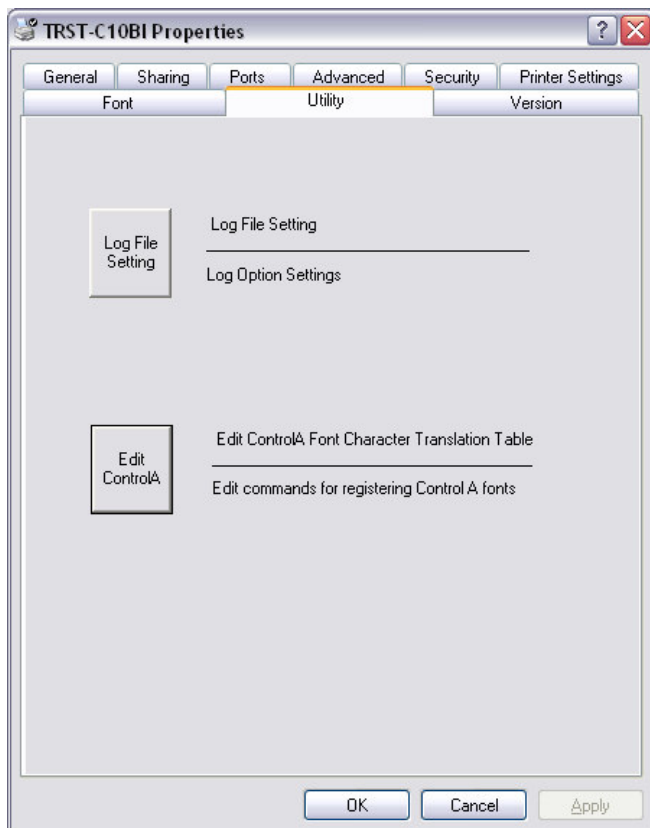
- 1) Click on **Barcode** tab. Select "Barcode1" at the Font Name combo-box, and select the barcode type for Barcode1. Press "Advanced settings" button and specify the barcode attributes (width, height and HRI). Click "OK".
- 2) Select the Barcode1 font and send the numeral character data (e.g. "01234567890123") to the printer. Refer to "5.2 [Print Rendering](#)" in detail.

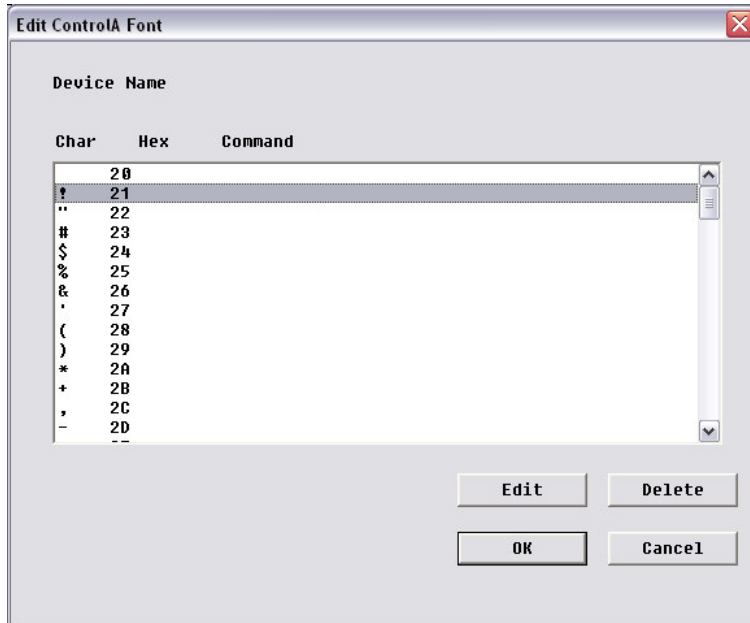




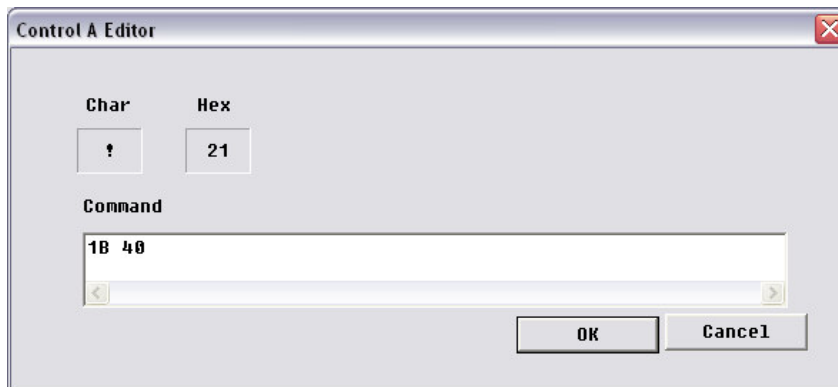
5.1.5 ControlA Font setting

- 1) Open Properties and click on "Utility" Tab.
- 2) Select character "!" (0x21) and click on "Edit" button.



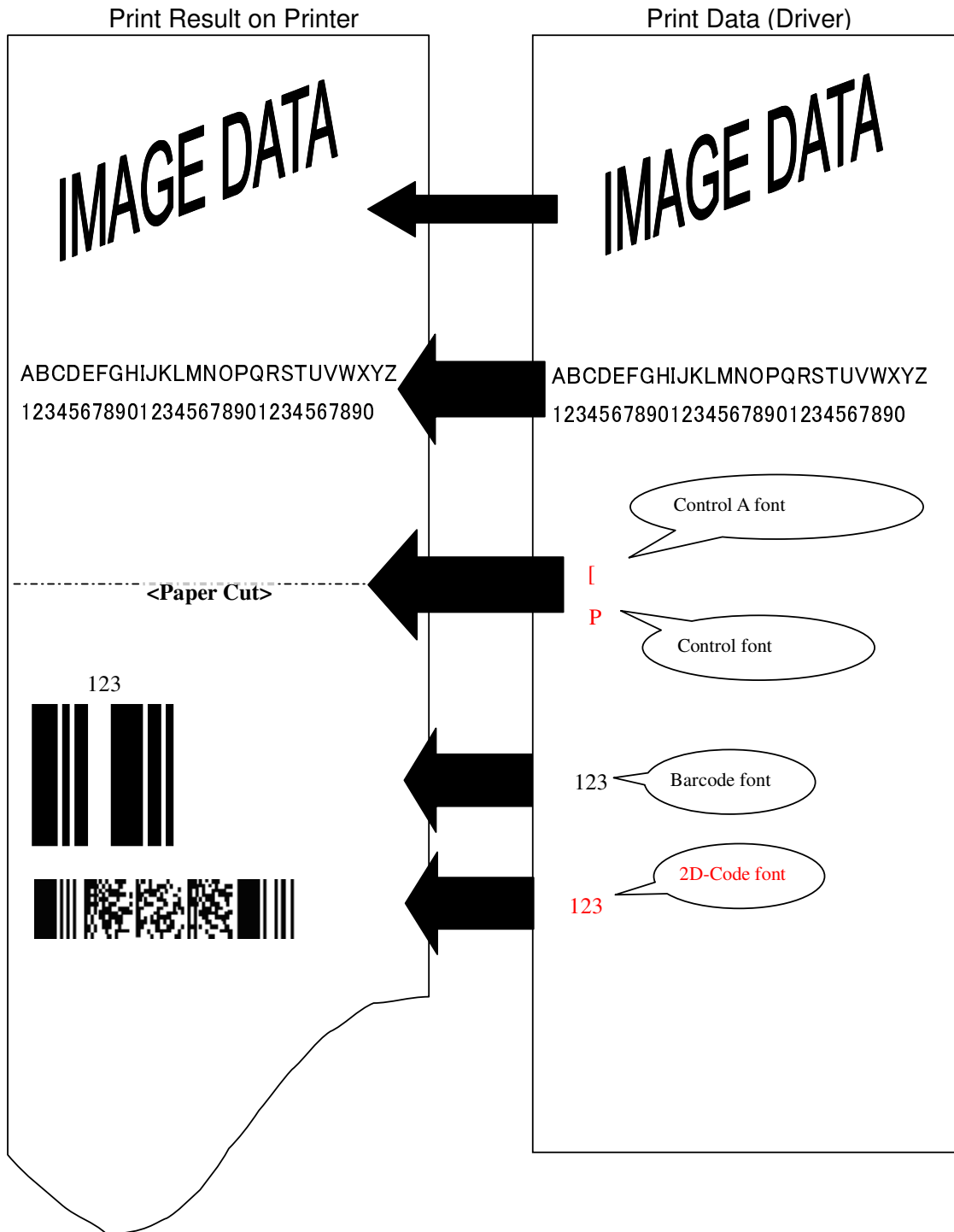


- 3) Input 1B 40 (Initialize the printer command) and click on OK.



- 4) Select the ControlA font and send “!” character to the printer. The printer will be initialized at the end of the receipt. Refer to “5.2 [Print Rendering](#)” in detail.

5.2 Print Rendering



6 Note

6.1 Log file setting

This function is for the analysis of the printer and the printer driver issues. Therefore please don't change this setting normally. It would slow down the performance.