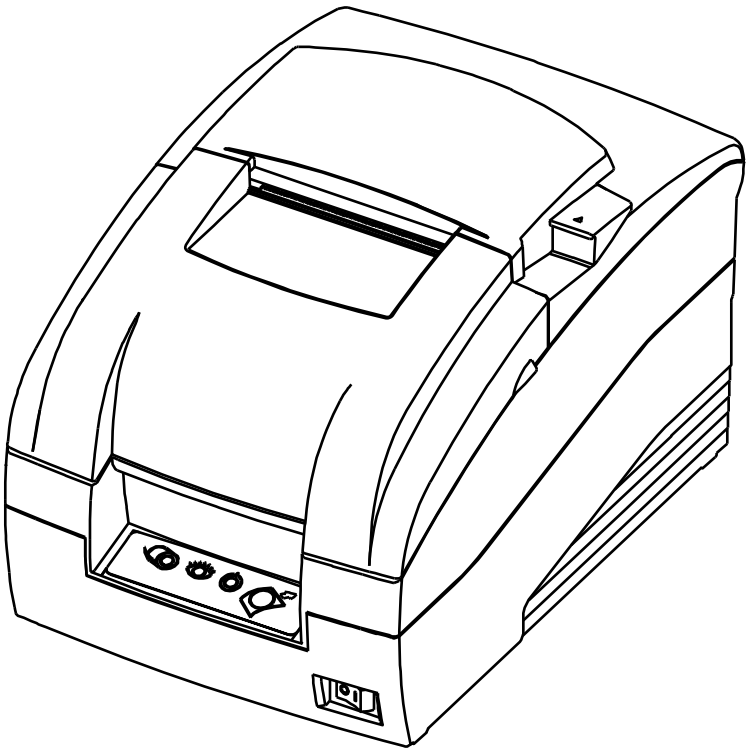
BIXOLON®

Windows Driver Manual

SRP-275II/275III

IMPACT RECEIPT PRINTER

Rev. 2.00



http://www.bixolon.com

Introduction

This Windows Driver Installation Manual provides information on installation, detailed specifications, and usage of the printer's Windows Driver according to PC operating system (OS).

It is advisable to read the contents of this manual carefully before using the customer display for the first time.

Symbols Information

Note	Important information and useful tips.

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1. Operating System (OS) Environment

The following operating systems are supported for usage.

Microsoft® Windows XP SP3 (32bit)
Microsoft® Windows XP SP1 or later (64bit)
Microsoft Windows Server 2003 SP1 or later (32bit/64bit)
Microsoft Windows VISTA (32bit/64bit)
Microsoft Windows Server 2008 (32bit/64bit)
Microsoft Windows Server 2008R2 (64bit)
Microsoft Windows 7 (32bit/64bit)
Microsoft Windows 8 (32bit/64bit)
Microsoft Windows Server 2012 (64bit)
Microsoft Windows 10 (32bit/64bit)

Note	- Serial and Parallel printer port do not work on Windows 10 version 1511 (OS Build 105860.104) specific. We recommend you to install the latest Windows 10 update through Windows Update before installing Windows Driver. - You can download and install the Windows Update in the Update & security tab of the Settings menu. (⊞ > Settings > Update & security > Windows Update).

2. Windows Driver Preparation

The Windows Driver is included in the enclosed CD, and the latest file version can be downloaded from BIXOLON website. **(www.bixolon.com)**

3. Windows Driver Installation

3-1 Installation on Windows XP / Server 2003

1) Double-click “Software_SRP-275II_275III_Windows_Driver_Vx.x.x.exe”.

2) Follow the instructions on the screen to complete the installation process.

3-2 Installation on Windows Vista / Server 2008 / 7 / 8 / Server 2012 / 10

1) Double-click “Software_SRP-275II_275III_Windows_Driver_Vx.x.x.exe”.

Note	Administrator privilege may be required to run the installation file.

2) Follow the instructions on the screen to complete the installation process.

3-3 Uninstallation

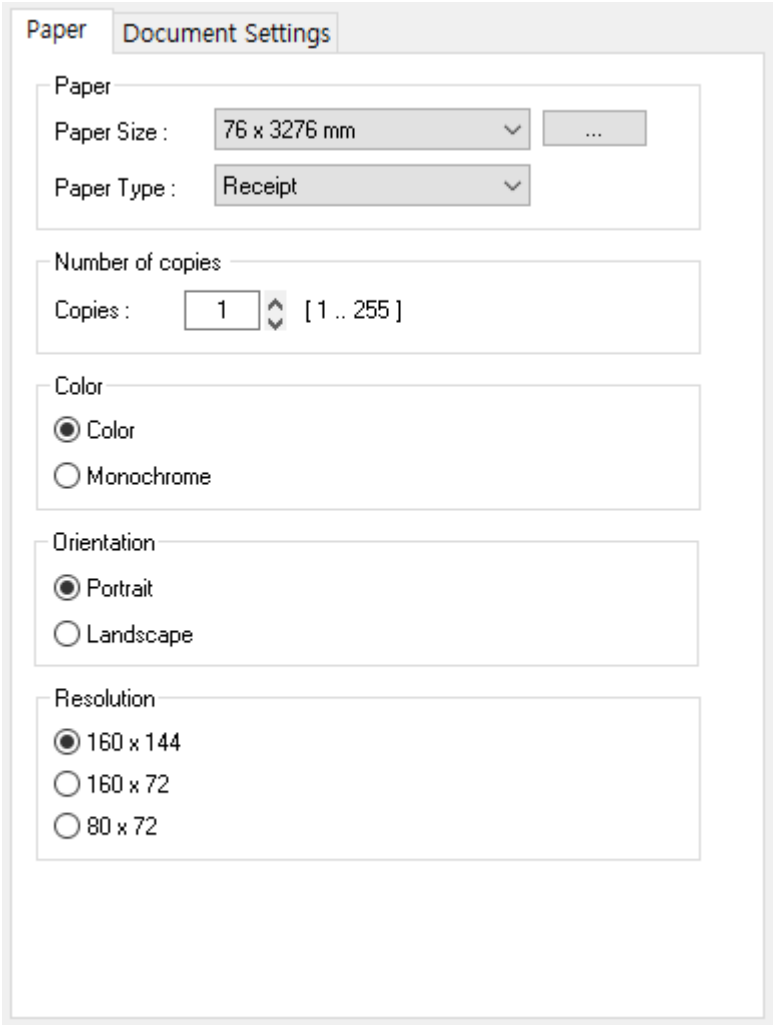
1) Open "Add or Remove Programs" or "Remove Programs" in the Control Panel.
   * XP or Server 2003: Control Panel – Add or Remove Programs
   * Vista or higher OS: Control Panel – Remove Programs

2) Double-click "BIXOLON SRP-275II Windows Driver" or "BIXOLON SRP-275III Windows Driver" to uninstall the installed windows drivers.

4. Windows Driver Settings

• The following functions can be configured after installing the Windows driver.

4-1 Paper



1) Open the **Printer Properties** window and then click **Printing Preferences** in the **General** tab.

Note	Please refer to below paths of Printer Properties window. ***Windows XP / Server 2003** (Control Panel) – (Printers and Faxes) – (Right-click the icon of the printer) – (Click **Properties**) ***Windows Vista** (Control Panel) – (Hardware and Sound) – (Printers) – (Right-click the icon of the printer) – (Click **Properties**) ***Server 2008 / 7 / 8 / Server 2012 / 10** (Control Panel) – (Hardware and Sound) or (All Control Panel Items) – (Devices and Printers) – (Right-click the icon of the printer) – (Click **Printer Properties**)

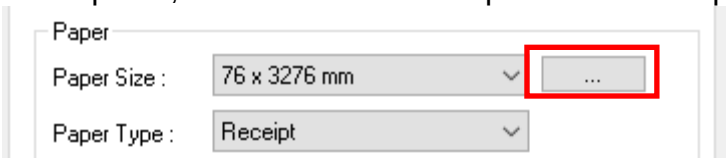
2) Click the **Paper** tab.

4-1-1 Paper Size

Paper size of **76 x 3276 mm** is selected by default, and the following sizes can be selected.

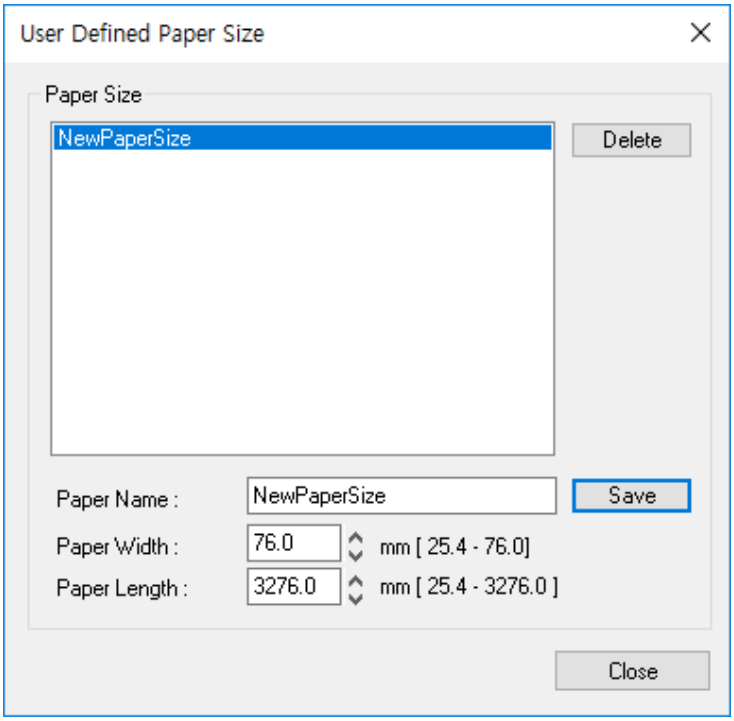
76 × 297 mm 76 × 3276 mm

If a custom paper size is required, click **"…"** to add or update a custom paper size.

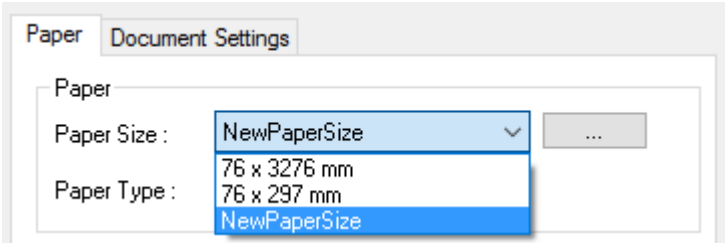


Click **Save** after specifying the paper width/length and a paper name. If the specified paper name already exists on the system, you can update the paper width/length.

Paper Width : 25.4 mm (Min) ~ 76.0 mm (Max)
Paper Length : 25.4 mm (Min) ~ 3276.0 mm (Max)



You can choose the new paper size on the **Paper Size** combo-box after adding a paper size.



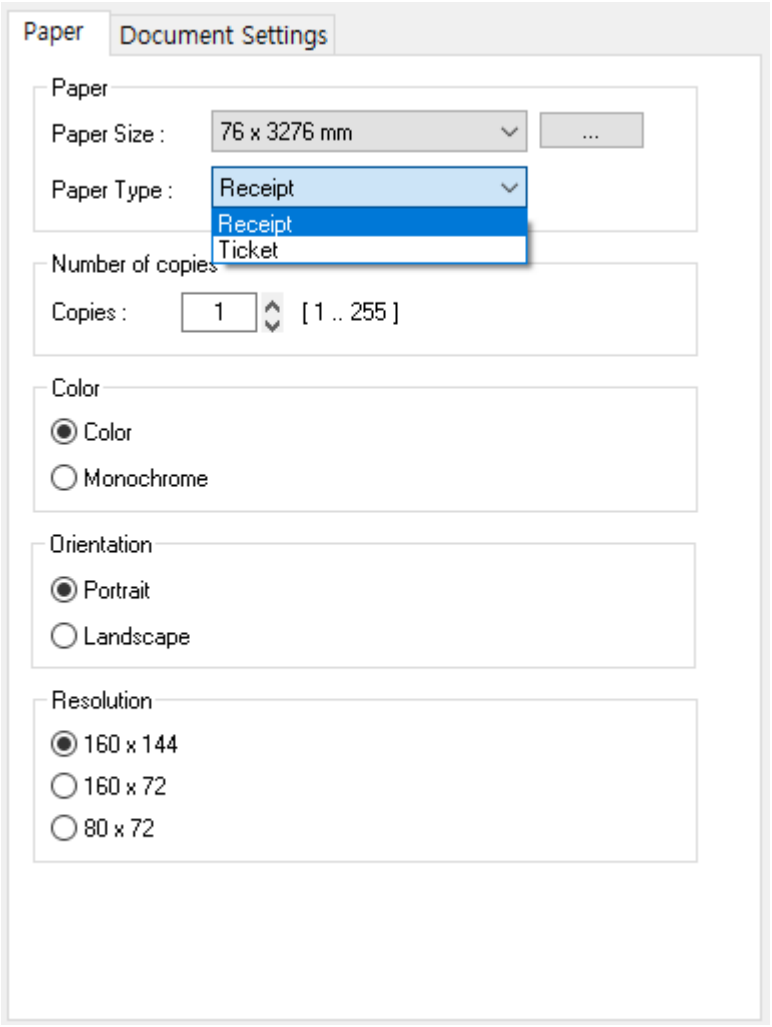
Delete button : Deletes the paper size selected in the list.

Save button : Adds a new paper size or update the paper size selected in the list if the paper name already exists on the system.

4-1-2 Paper Type

You can choose **Receipt** or **Ticket** as paper types. Receipt allows flexible paper length according to the data length. **Ticket** print in fixed length even the print data is short. Default setting is "**Receipt**".

Receipt : Receipt allows flexible paper length according to the data length.
Ticket : Ticket print in fixed length even the print data is short.



4-1-3 Copies

Copies are printed by specifying the copy count. The copy count is set to 1 by default. Set this value bigger than 1 to set the number of copies to print. The value should be within the range of 1 to 255.

4-1-4 Color

The printer can print by using black and red, or by using black only. Select **Monochrome** if you want to use black color only.

4-1-5 Orientation

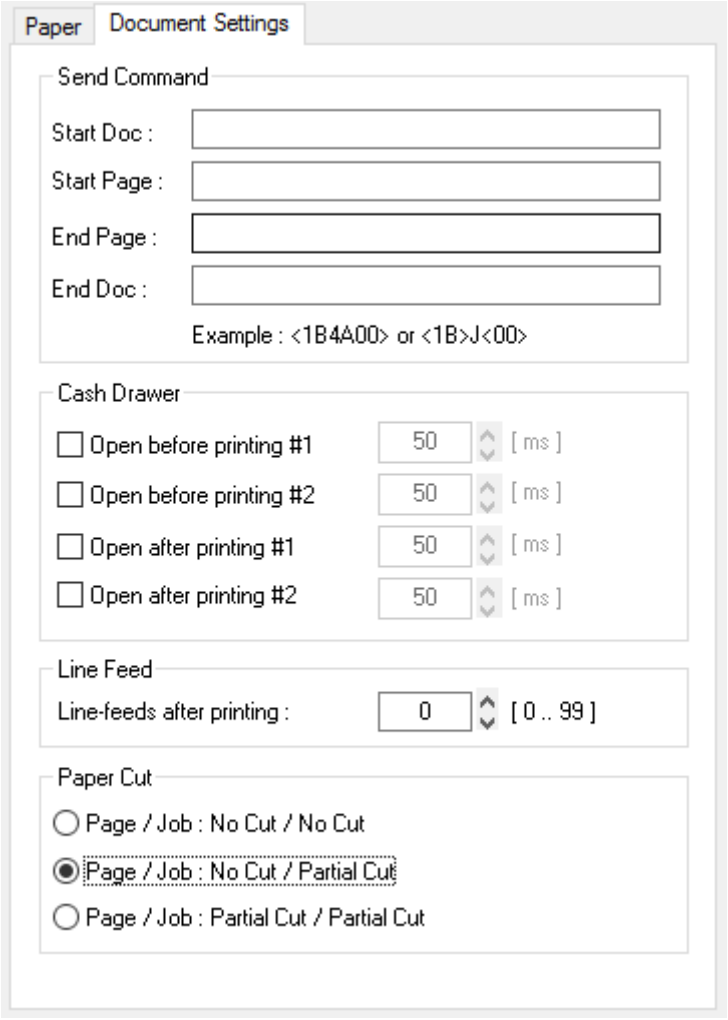
Printing orientation can be set to Portrait (which is the default) or Landscape. It is not possible to use printer fonts (device fonts) and barcode fonts in landscape.

Portrait : Printing in the vertical direction.
Landscape : Printing in the horizontal direction.

4-1-6 Resolution

The print resolution supported by this printer driver are **160 x 144** dots per inch, **160 x 72** dots per inch and **80 x 72** dots per inch. It is recommended to select **160 x 144** dots per inch which is the highest resolution in the printer driver.

4-2 Document Settings



1) Open the **Printer Properties** window and then click **Printing Preferences** in the **General** tab.

Note	Please refer to below paths of Printer Properties window. ***Windows XP / Server 2003** (Control Panel) – (Printers and Faxes) – (Right-click the icon of the printer) – (Click **Properties**) ***Windows Vista** (Control Panel) – (Hardware and Sound) – (Printers) – (Right-click the icon of the printer) – (Click **Properties**) ***Server 2008 / 7 / 8 / Server 2012 / 10** (Control Panel) – (Hardware and Sound) or (All Control Panel Items) – (Devices and Printers) – (Right-click the icon of the printer) – (Click **Printer Properties**)

2) Click the **Document Settings** tab.

4-2-1 Send Command

The Windows driver serves to receive the content for print from an application and send it to the printer. The “Send Commands” function allows for the addition of desired commands at the start or end of the print content.

Start Doc : Addition of command at the beginning of the document.
Start Page : Addition of command at the beginning of the page.
End Page : Addition of command at the end of the page.
End Doc : Addition of command at the end of the document.

Note	For more information about the hexadecimals that can be entered in “Start Doc”, “Start Page”, “End Page” and “End Doc”, refer to the Commands Manual.

4-2-2 Cash Drawer

To open a cash-drawer before printing, tick “Open before printing #1” or “Open before printing #2”.

To open a cash-drawer after printing, tick “Open after printing #1” or “Open after printing #2”.

4-2-3 Line Feed

It is possible to set the number of line feeds between 0 and 99 for adding blank lines at the end of printing.

4-2-4 Paper Cut

Paper can be cut at the end of each page or each document (job).

Page/Job : No Cut / No Cut : Paper is not cut after printing.
Page/Job : No Cut / Partial Cut : Paper is cut at the end of each document (Job).
Page/Job : Partial Cut / Partial Cut : Paper is cut at the end of each page.

5. Windows Driver Specification

5-1 Printer Fonts

This Windows driver supports various printer fonts (device fonts) in the following table. Printing using these fonts is faster than using Windows fonts provided by the operating system.

Printer Font Name			Size (Dot)	Size (Point)
FontA1x1	FontA1x1[Ext.]	FontA1x1[255]	FontA1x1(9x9)	9
FontA1x2	FontA1x2[Ext.]	FontA1x2[255]	FontA1x2(9x18)	18
FontA2x1	FontA2x1[Ext.]	FontA2x1[255]	FontA2x1(18x9)	9
FontA2x2	FontA2x2[Ext.]	FontA2x2[255]	FontA2x2(18x18)	18
FontB1x1	FontB1x1[Ext.]	FontB1x1[255]	FontB1x1(7x9)	9
FontB1x2	FontB1x2[Ext.]	FontB1x2[255]	FontB1x2(7x18)	18
FontB2x1	FontB2x1[Ext.]	FontB2x1[255]	FontB2x1(14x9)	9
FontB2x2	FontB2x2[Ext.]	FontB2x2[255]	FontB2x2(14x18)	18

Printer Fonts for Korean and Chinese.

Printer Font Name	Size (Dot)	Size (Point)
Korean1x1	Korean1x1 (17x9)	16
Korean1x2	Korean1x2 (17x18)	32
Korean2x1	Korean2x1 (34x9)	16
Korean2x2	Korean2x2 (34x18)	32
Chinese2312_1x1	Chinese2312_1x1(16x16)	16
Chinese2312_1x2	Chinese2312_1x2(16x32)	32
Chinese2312_2x1	Chinese2312_1x1(32x16)	16
Chinese2312_2x2	Chinese2312_1x2(32x32)	32
ChineseBIG5_1x1	ChineseBIG5_1x1(16x16)	16
ChineseBIG5_1x2	ChineseBIG5_1x2(16x32)	32
ChineseBIG5_2x1	ChineseBIG5_1x1(32x16)	16
ChineseBIG5_2x2	ChineseBIG5_1x2(32x32)	32

Printer Fonts are defined as follows.

1) FontA1x2
   - ANSI Character code support (Code Page 1252)
   - Font size (Dot): 9 x 18 (Double height)
   - Font size (Point): 18

2) FontA1x2[Ext.]
   - IBM expansion Character code support (Code Page 437)
   - Font size (Dot): 9 x 18 (Double height)
   - Font size (Point): 18

3) FontA1x2[255]
   - Buyer exclusive code support (User Code page)
   - Font size (Dot): 9 x 18 (Double height)
   - Font size (Point): 18

5-2 Special functions

This Windows driver supports the special functions as shown in the following table.
Select **FontControl** font first and use the characters in the table to use the special functions.

Note	Take care as this function is not for printing general texts.

Character	Special Function
5	Prints HT (0 x 09)
6	Prints LF (0 x 0A)
7	Prints CR (0 x 0D)
a	Open Drawer 2 (50ms pulse width)
b	Open Drawer 2 (100ms pulse width)
c	Open Drawer 2 (150ms pulse width)
d	Open Drawer 2 (200ms pulse width)
e	Open Drawer 2 (250ms pulse width)
f	Open Drawer 2 without paper feeding (50ms pulse width)
g	Cut Receipt (Partial cut) without paper feeding
w	Aligns text to the left
x	Aligns text to the center
y	Aligns text to the right
A	Open Drawer 1 (50ms pulse width)
B	Open Drawer 1 (100ms pulse width)
C	Open Drawer 1 (150ms pulse width)
D	Open Drawer 1 (200ms pulse width)
E	Open Drawer 1 (250ms pulse width)
F	Open Drawer 1 without paper feeding (50ms pulse width)
G	Prints the NV bitmap(GS (L) saved in the 00 address
H	Prints the NV bitmap(GS (L) saved in the 01 address
I	Prints the NV bitmap(GS (L) saved in the 02 address
J	Prints the NV bitmap(GS (L) saved in the 03 address
K	Prints the NV bitmap(GS (L) saved in the 04 address
P	Cut Receipt (Partial cut)

1) Example

Select **FontControl** font and send 6 for “LF” (Line Feed) operation (instead of printing character “6”).

2) **FontControl** font functions.

Font Name	Special Functions	Size (Point/Dot)
FontControl	Open Drawer #1 / # 2 Cut Receipt Cut receipt(without paper feeding) Justification (Left/Center/Right) Output HT, Output LF, Output CR, Print NV Image	(9 / 9x9)

6. Use of Windows Driver

6-1 Use of Visual Basic

• This section contains example codes to control the printer using Windows driver with Visual Basic.

6-1-1 Windows Driver Selection

The following example code explains how to select “BIXOLON SRP-275II” Windows driver.

```
For Each prnPrinter In Printers

If prnPrinter.DeviceName = “BIXOLON SRP-275II” Then

Set Printer = prnPrinter

Exit For

End If

Next
```

6-1-2 Text Printing

The following example code explains how to print texts using Windows fonts and printer fonts (device fonts).

```
‘Print in Windows font
Printer.FontSize = 9
Printer.FontName = “Arial”
Printer.Print “Arial Test”

‘Print in printer font
Printer.FontSize = 9
Printer.FontName = “FontA1x1”
Printer.Print “FontA1x1 Font”

Printer.EndDoc
```

6-2 Use of WordPad

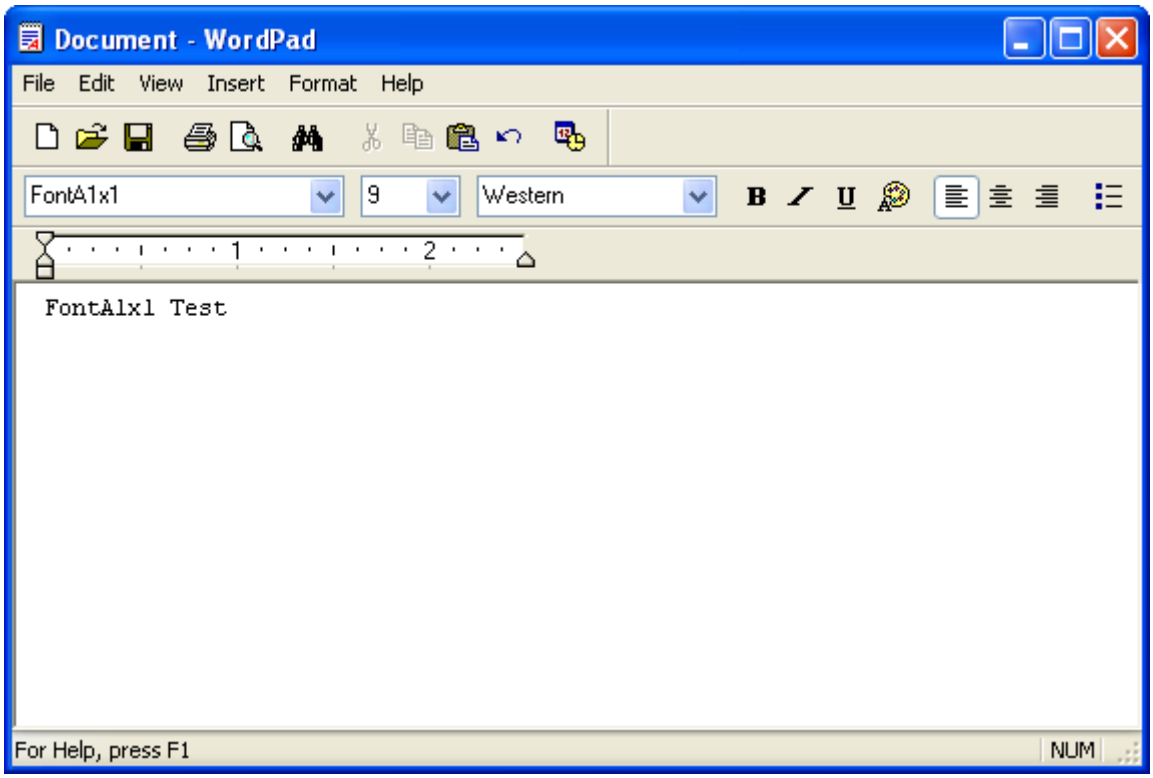
6-2-1 WordPad Environment Settings

Launch WordPad, set the printing related options as follows, and test the printer with WordPad.

- Select printer
  Select “Print” from the “File” menu, and select the printer (BIXOLON SRP-275II).

- Set paper size, orientation, margin, etc.
  Select the “Page Setting” from “File” menu, and set paper size, orientation, and margin.

6-2-2 Text displaying



1) Select the font from the font selection box (FontA1x1).

2) Select the point size from the point selection box (9).

3) Enter the text to print.

4) Click the Print icon in the toolbar to print the text.

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In the following, product specifications and/or user manual content may be changed without prior notice.

Caution

Some semiconductor devices are easily damaged by static electricity. You should turn the printer “OFF”, before you connect or remove the cables on the rear side, in order to guard the printer against the static electricity. If the printer is damaged by the static electricity, you should turn the printer “OFF”.

Revision history

Rev.	Date	Page	Description
2.00	10.10.19	-	New Manual format applied