SRP-770II / 770IIE
SLP-T400 / T400E
SLP-T403 / T403E
SLP-D420 / D420E
SLP-D423 / D423E
SLP-D220 / D220E
SLP-D223 / D223E
SLP-T400R / T400RE
SLP-T403R / T403RE

http://www.bixolon.com
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The Unified Label Printer Utility can be used for various purposes. It is advisable to read the contents of this manual carefully before using "Unified Label Utility" utility for the first time.

The “Unified Label Utility” has functions as follows.

1) User Setting Manager
   This function is used to change default settings of the printer, including code pages, serial settings, paper size, and print density, to values suited to the user environment.

2) Calibration Setting Manager
   This is for manual calibration of gap sensor.

3) PCX File Downloader
   This function is used when saving a black-and-white PCX-format image to flash memory.

4) File Transfer Manager
   This function is used when sending test files, such as command scripts, to the printer.

5) SLCS Tester
   This function is used to test printing-related commands of the SLCS (Bixolon Label Command Set) and create a brief label sample for test printing.
2. 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)
3. Usage Preparation

1) Printer and PC Connection

Connect the printer and PC via the interface cable. (The interfaces available for usage are Serial, Parallel, and USB.)

2) Unified Label Printer Utility Program Execution

The program can be installed from the accompanying CD, and Latest file versions can be downloaded from the BIXOLON website. (http://www.bixolon.com)

The file name is as follows: “Unified Label Utility (VX.X.X).exe”.

3) Select the interface type and communication conditions.

4) Click the “Connect” button. The inactive buttons become active.
   If the printer is not connected, the error message, "Cannot Open Port", appears.
4. Usage Method

4-1 User Setting Manager

This function is used to change default settings of the printer, including code pages, serial settings, paper size, and print density, to values suited to the user environment.

Click the “User Setting Manager” button.

4-1-1 Serial Communication Settings

1) Click the “Serial” tab and “Get” button to load current serial settings.

![User Setting Manager](image)

2) After modifying setting values, click the “Set” button to store the changed settings.

3) Click the “Default Setting” button followed by the “Set” button to set each item to its default value.
4-1-2 Default Code Page & ICS Settings

1) Click the “Language” tab and “Get” button to load current serial settings.

![User Setting Manager]

2) After modifying setting values, click the “Set” button to store the changed settings.
4-1-3 Printer & Page Settings

1) Click the “Print & Page” tab.

2) Click the “Get” button to load current settings

3) Paper Width, Paper Length, Gap Length, Paper Horizontal Margin, Paper Vertical Margin, Print Offset, Tear-off/Cutting units can be changed in dots, inch, mm by changing “UNIT”

4) Click the "Get" button to obtain the setting value, and then click the "Set" button to set the value.

5) Click the “Initialize” button to return to default value.
4-1-4 Hardware Information Settings

1) Click the “Hardware Info” tab and each “Get” button to load current setting.

2) After modifying setting values, click the “Set” button to store the changed settings.

3) The Hardware Version can have a maximum of 4 digits.

4) The Serial Number can have a maximum of 16 digits.

5) The User Defined Printer ID can have a maximum of 7 digits.

6) Click the individual “Initialize” buttons to return the corresponding item(s) to its default value.
4-1-5 Printer Information

1) Click the “Printer Info” tab and “Get” button to load current settings.
4-2 Manual Calibration

Manual-calibration of media detection can be used when the printer cannot detect a media gap (or black mark) even after auto-calibration has been executed.

Press the Calibration Setting Manager Button after setting the interface type.

1) Select the sensing type and input the label length by millimeter and click on “Check Sensing Value” tap. Then printer starts to calibrate.

2) Printer will print the scanned values after calibration and the values will appear on the Screen.

3) Optimal sensing values will appear in black bold letters on the left of the utility screen and select one of the values and click on “Save Calibration”

4) If chosen value does not work properly, please try the other values among the black bold letters.

5) To go back to the initial value, please click on “Cancel Calibration”.
4-3 PCX File Downloader

This function is used when saving a black-and-white PCX-format image to flash memory. Saved images can be recalled at any time for printing. PCX File Downloader usage is described as follows.

The image file must be prepared prior to using this function.

Click the “PCX File Downloader” button.
4-3-1 Image Store (Image Store command)

1) Open the PCX file (*.pcx).
2) Enter the image name and click the Download button.
   The image name is used to recall or delete images

4-3-2 Image Delete (Image Delete command)

1) Check the list of stored images by clicking the Image Information button.
2) Enter the name of the image to be deleted and click the Delete Image button.
3) To delete all images stored in the printer memory, click the Delete All Images button
   without entering an image name.

4-3-3 Image Information (Image Information command)

Information for the saved image is displayed.

4-3-4 Image Recall (Image Recall command)

Downloaded images can be recalled and printed.
This function is used when sending test files, such as command scripts, to the printer.

1) Click the “File Transfer Manager” button.

2) Select the file and click the “Download” button to send the file to the printer.
4-5 SLCS Tester

This function is used to test printing-related commands of the SLCS (Bixolon Label Command Set) and create a brief label sample for test printing.

1) Click the “SLCS Tester” button.

2) “Multi Send” Button: Creates a command for number of pages to print setting.

3) “Load” Button: Recalls a file with a saved command.

4) “Save” Button: Saves a created command to a file.

5) “Convert” Button: Converts measurement units (inch, mm, cm).

6) “Close” Button: Closes the SCLC test program.
7) The function of each button is as follows.

<table>
<thead>
<tr>
<th>Item</th>
<th>Button</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Printing Module</strong></td>
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<tr>
<td>Printing Module</td>
<td>Line &amp; Box</td>
<td>Generating commands to draw lines and boxes</td>
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<tr>
<td>Printing Module</td>
<td>1D barcode</td>
<td>Generating one-dimensional barcode command</td>
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<td>Printing Module</td>
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<td>Generating two-dimensional barcode command</td>
</tr>
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<td>Printing Module</td>
<td>Copies</td>
<td>Number of copies</td>
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<td>Printing Module</td>
<td>Bitmap Text</td>
<td>Generating bitmap image string recognition command</td>
</tr>
<tr>
<td>Printing Module</td>
<td>Vector Text</td>
<td>Generating vector image string recognition command</td>
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<tr>
<td>Printing Module</td>
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<td>Generating code page and ICS configuration command</td>
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<td><strong>Printing Setting</strong></td>
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<td></td>
</tr>
<tr>
<td>Printing Setting</td>
<td>Speed &amp; Density &amp; Direction</td>
<td>Generating configuration command for speed, print density, and print direction</td>
</tr>
<tr>
<td>Printing Setting</td>
<td>Margin &amp; Width &amp; Length</td>
<td>Generating configuration command for margin and print paper width and length</td>
</tr>
<tr>
<td><strong>Printer Status</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Printer Status</td>
<td>Check Printer Status</td>
<td>Function to check printer cover, paper, and error status</td>
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<tr>
<td><strong>RFID Write and Read</strong></td>
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<tr>
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<td>Write</td>
<td>Writing data to RFID tags</td>
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<td>Printing double-byte characters (Korean, Chinese, Japanese)</td>
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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

<table>
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<th>Rev.</th>
<th>Date</th>
<th>Page</th>
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<td>New</td>
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