

ZebraDesigner™ & ZebraDesigner Pro

Build v2.2.2 (2730) - 08 Jan 2010

Table of Contents

[Editions](#)
[Installation](#)
[Supported Printers](#)
[Tips & Advice](#)
[Known Issues](#)
[Change Log](#)
[Technical Support](#)
[Program Updates](#)

Welcome!

ZebraDesigner and ZebraDesigner Pro offer both the label design features and printer configuration tools to enable printing. Designing a label has never been easier!

1. Editions

ZebraDesigner

This is the basic edition, offering design and printing features supporting CPCL, EPL™ and ZPL® printers. A set of printer configuration tools, including a Font and Graphic Downloader, is included. This product offers a Multiple Language User Interface, including support for English, French, Italian, German, Spanish, Portuguese, Chinese and Japanese, (and others).

ZebraDesigner Pro

ZebraDesigner Pro is based on ZebraDesigner, however it includes additional features – such as support for database connectivity, RFID printer/encoders, the real-time clock, and date formulas. A license number ships with the product and is used to authorize the software. No dongle (hardware key) is needed.

2. Installation

Systems Requirements:

- Pentium based computer with at least 32 MB of RAM
- 32-bit and 64-bit Microsoft Windows® OS (2000, XP, 2003, 2008, Vista and Windows 7)
- From 15 to 130 MB of available hard disk space (depending on edition used and options selected)
- ZDesigner Printer Drivers

Printer Drivers

The ZebraDesigner Label Design program requires a Windows driver to communicate with your printer. The program will assist you with installing a ZDesigner driver when you install the software. After installation, a shortcut to the ZDesigner driver installer will also be placed in your Start menu under "Start>Programs>Zebra Technologies >ZebraDesigner 2> Printer Install" or "Start>Programs>Zebra Technologies>ZebraDesigner Pro 2> Printer Install". Use these shortcuts to install additional drivers as needed.

Updates to the ZDesigner drivers are distributed within new versions of the software. New versions to the ZebraDesigner products will be available on our web site: <http://www.zebra.com/>

Licensing

Licensing in ZebraDesigner Pro is controlled by the use of a license number. The number can be entered once the software has been installed. If the package is installed in demo mode, a license number can be entered via the License Activation Wizard.

DEMO limitations

- Printing is limited to max. 5 labels at once
- The export functionality is disabled.
- All “e” characters are turned into “z”

Directories

The application will be installed into the \Program Files\Zebra Technologies\ZebraDesigner 2 or \Program Files\Zebra Technologies\ZebraDesigner Pro 2 by default. This location can be changed during installation.

Sub- directories that are created include:

\BIN – program files.

\Drivers – driver related files.

\Samples – Sample labels, sample databases, sample fonts and sample graphics.

\Templates – Files related to format exporting.

Additionally, a sub-directory in the current user’s \My Documents directory called \My Labels will be created and used as the default directory for label information. Sub- directories to \My Documents\My Labels include:

\Database – default for ODBC connected databases.

\Forms – Not used by Zebra Designer.

\Graphics – default for any graphic images used in the labels.

\Labels – default for any new labels.

\Stocks – default for information about any new stock labels that are defined.

3. Supported Printers

The following Zebra printers are supported in this version:

105SL 203DPI

105SL 300DPI

110PAX3 203DPI

110PAX3 300DPI

110PAX3 600DPI

110PAX4 203DPI

110PAX4 300DPI

110XiIII Plus 200DPI

110XiIII Plus 300DPI

110XiIII Plus 600DPI

110Xi4 203 dpi

110Xi4 300 dpi

110Xi4 600 dpi

140XiIII

140XiIII Plus

140Xi4 203 dpi

170PAX3 203DPI

170PAX3 300DPI

170PAX4 203DPI

170PAX4 300DPI

170XiIII

170XiIII Plus

170XiIII Plus 200DPI

170Xi4 203 dpi

170Xi4 300 dpi
220XiIII
220XiIII Plus
220XiIII Plus 300DPI
220Xi4 203 dpi
220Xi4 300 dpi
2746e
888-DT
888-TT
90XiIII
90XiIII Plus
96XiIII
96XiIII Plus
DA402
GK420d
GK420d (EPL)
GK420t
GK420t (EPL)
GX420d
GX420d (EPL)
GX420t
GX420t (EPL)
GX430t
GX430t (EPL)
HC100 300 dpi
LP 2824
LP 2824-Z
LP 2824 Plus (EPL)
LP 2824 Plus (ZPL)
LP 2844
LP 2844-Z
MZ 220
MZ 320
P4T (CPCL)
P4T (ZPL)
QL 220 Plus
QL 320 Plus
QL 420 Plus
R-402
R110PAX4 LH-203DPI
R110PAX4 LH-300DPI
R110PAX4 RH-203DPI
R110PAX4 RH-300DPI
R110Xi 200DPI
R110Xi 300DPI
R110Xi HF 200DPI
R110Xi HF 300DPI
R110XiIII Plus
R170Xi 200DPI
R170Xi 300DPI
R2844-Z
R4Mplus
RP4T (ZPL)
RW 220
RW 420
RZ400 200 dpi
RZ400 300 dpi
RZ600 200 dpi
RZ600 300 dpi

S400
S4M-203dpi EPL
S4M-203dpi ZPL
S4M-300dpi ZPL
S600
T402
TLP 2824
LP 2824-Z
TLP 2824 Plus (EPL)
TLP 2824 Plus (ZPL)
TLP 2844
TLP 2844-Z
TLP 3842
TLP 3844-Z
Z4M 203DPI
Z4M 300DPI
Z4Mplus 203DPI
Z4Mplus 300DPI
Z6M 203DPI
Z6M 300DPI
Z6Mplus 203DPI
Z6Mplus 300DPI
ZM400 200 dpi (EPL)
ZM400 200 dpi (ZPL)
ZM400 300 dpi (ZPL)
ZM400 600 dpi (ZPL)
ZM600 200 dpi (EPL)
ZM600 200 dpi (ZPL)
ZM600 300 dpi (ZPL)

4. Tips & Advice

1. When entering values for RSS composite bar codes, you need to provide the value for the linear and composite (2D) parts at the same time. Use the following syntax for entering values for RSS composite bar codes. The pipe character (|) is used to distinguish between the components.
Syntax: <linear part>|<composite part>
Example: 12345|description
2. By double clicking on the name of the printer in the status bar at the bottom of the design screen, the user can quickly gain access to the printer settings dialogs.
3. Design your label using internal fonts, bar codes and counters when you are going to use the “Export to Printer” function.
4. Objects can be arranged with respect to each other by selecting the objects and clicking the desired alignment button.
5. Objects can be arranged with respect to the label by holding the ctrl button when the user presses the alignment button
6. You can reset the User Interface for the program by running the “DefaultUI.exe” program in the /bin directory.
7. The Status Monitor regularly checks the printer for current status information. When the driver is being used over a network connection, this can have the effect of consuming connection ports that would otherwise be used for accepting print jobs at the printer. If the Status Monitor is in use and you are experiencing a delay in printing, try right clicking over the Status Monitor in the system tray (by the clock) and closing the Status Monitor.

5. Known Issues

1. The Font Downloader only supports EPL and ZPL units.

2. Linked Fields do not work with Real Time Clock Fields.
3. Version 1 of the ZebraDesigner Label Design Products cannot be used with the Version 2 and above ZebraDesigner printer drivers. If you are using a Version 1 ZebraDesigner label design product, use the drivers that came with that version.
4. Version 2 of the ZebraDesigner Label Design Products cannot be used with the Version 1 ZebraDesigner printer drivers. If you are using a Version 2 ZebraDesigner label design product, use the drivers that came with that version.
5. The 64 bit printer drivers must be used when using the Label Design software on a 64 bit machine. The drivers come with the software.
6. The 64 bit printer drivers must be used when using the Label Design software on a 64 bit machine. The drivers come with the software.
7. In Windows 7 and Windows 2008 R2, if the user right clicks over a text field and selects "Properties" and then clicks "Select" the fonts that are native on the printer will not be displayed as selectable. They are displayed and selectable if the user clicks on a text field and then uses the drop-down menu in the Text Toolbar within the Label Design Environment.
8. If Permissions on the computer do not allow the driver to write in the Registry then the Command Fonts and/or Stocks Tabs in the driver dialogs will have buttons disabled. To change Command Fonts and Stocks, open the Printers folder the in Control Panel, select the printer and then open its "Printing Preferences". Then the user will be able to modify Command Fonts and Stocks. These properties are set per device and not per document.

6. Change Log

24 Jun 2005	V1.0.1	1. Initial release of the new platform
26 Oct 2005	V1.0.2	<ol style="list-style-type: none"> 1. Added 888-DT, 888-TT, S4M ZPL, S4M EPL printers. 2. Default Backfeed setting in Other Settings dialog box is now "Default settings". 3. ZPL Tear off command syntax now represented by three digits. 4. "Use printer's internal clock" option is available for "export to printer" feature with EPL printers. 5. Unexpected Program crash when creating CODABAR through barcode toolbox fixed. 6. Real-time clock is updated every second for zpl printers making use of ^SL. 7. Internal Date offset is enabled for ZPL printers. 8. CPCL now has real time clock support. 9. Support for ZB64 compression added on Windows 98. 10. Unnecessary zpl output ^FO,34^FS removed. 11. EPL & ZPL stored images now deleted correctly. 12. Opening customer label using R110Xi 200 dpi crash fixed. 14. Main Menu Printer Configuration options all have unique keyboard shortcut keys. 15. Definition of mil corrected in Label Setup Wizard dialog box. 16. New Command Fonts tab added to driver. 17. Design environment now displays the X and Y position of objects in the choosen unit of measure within the status bar while moving objects instead of showing the cursor position. When an object is resized, the status bar shows X and Y position and also the current size of the resized object. Since moving and resizing objects is possible by using the keyboard (pressing Ctrl or Shift key), as soon as Ctrl or Shift key is pressed the status bar also shows position and size of the top left selected object. <p>RFID Related changes:</p> <ol style="list-style-type: none"> 1. Added R110PAX4. 2. Export to Printer: ^FN numbering for RFID not done independently.

		<ol style="list-style-type: none"> 3. In RFTag, default Antenna Offset option of 0 uses printer's default option (label length - 8 dot rows). 4. RFID motion command ^RM is not sent anymore. 5. For EPC tags, "Block locked" option is always available. 6. Changed RFTag default for "Number of Retries" to 6. 7. For EPC tags, changed RFTag default for Data Type from ASCII to HEX. 8. "Check for a valid tag" option now unchecked by default. 9. Unexpected program crash when changing counter start value fixed. 10. Unexpected program crash when changing to internal counter fixed.
5 Apr 2007	V1.0.2 (553.2)	<ol style="list-style-type: none"> 1. Added ZM400 200 dpi (ZPL), ZM400 300 dpi (ZPL), ZM400 600 dpi (ZPL), ZM600 200 dpi (ZPL), ZM600 300 dpi (ZPL), ZM400 200 dpi (EPL), ZM600 200 dpi (EPL) printers.
30 July 2007	V1.0.2 (553.3)	<ol style="list-style-type: none"> 1. Added GV420d, GV420t, GX420d (EPL), GX420t (EPL), GX430t (EPL), GX420d, GX420t, GX430t, GK420d, GK420d (EPL), GK420t (EPL), and GK420t
21 March 2008	V1.0.2 (553.4)	<ol style="list-style-type: none"> 1. Added HC100 300 dpi
22 June 2008	V1.0.2 (553.5)	<ol style="list-style-type: none"> 1. Added P4T (CPCL), P4T (ZPL), RZ400 200 dpi, RZ400 300 dpi, RZ600 200 dpi, and RZ600 300 dpi 2. Removed GV420d and GV420t
08 Jan 2010	V2.2.2 (2730)	<ol style="list-style-type: none"> 1. New Web-based licensing system 2. Discontinued Support for Windows 9X, Me and NT 4.0 3. New Installer 4. New Status Monitor included 5. Ability to Install and Uninstall printers from within ZebraDesigner 6. Simplified Rotation of Label Design screen (conveniently rotates the on-screen view without rotating the printed output) 7. Supported added for Guidelines – drag a guideline from the ruler for field alignment 8. Font and Graphic Downloader (previously only Font Downloader was available) 9. Support for Norwegian 10. Field justification now supported in EPL (export only) 11. Use of offset feature for ZPL Real Time Clock now supported 12. Option to print labels in Standard Mode, Store Label Template with settings or Store Label Template without settings mode 13. Allow EPL linked fields to be exported. 14. 'Required field' property for Keyboard input variables now supported 15. Support for RFID Electronic Article Surveillance (EAS) 16. Support for updated EPC Global Tag Data Standard (TDS) 17. Support for RFID Tag Locking / Unlocking 18. Navigation in the Print Preview. A 'Previous' button has been added 19. No Limit for the Number of Installed Printer Drivers 20. Copy Button in the Error Dialog Box (to Copy Error Messages to Clipboard) 21. Support for Quick Creation of a New Empty Label – Ctrl-Shift N will create a blank label without running the Label Creation Wizard 22. Updated Support for Maxicode Bar Code 23. Improved WYSIWYG when Moving/Resizing Objects 24. Support for MS Office 2007 File Formats (Note: If you do not have MS Office 2007 installed, you can download and install just the OLE DB driver separately (see Microsoft's web site) 25. Bar Code Update: Custom Ratios and Space Correction 26. Updated GS1-128 Standard: New Application Identifiers (242) and (7003) 27. Multiple Label Selection is Available in the File Open Dialog Box 28. Support for Windows Vista Restart Manager 29. Better Support for Handling of Missing Graphic Files. 30. Graphics can be stored in the .lbl file. 31. Decimal Point Font Size for Scalable fonts 32. Support for Unicode Text files 33. Support for 64-bit printer drivers 34. Updated RFID tag support (Gen 2, Gen 1) 35. Support for bar code Code128 Pharmacy 36. Unicode support for Visual Basic Scripting

7. Technical Support

Worldwide, Technical Support is available through your Reseller, or at:
http://www.zebra.com/id/zebra/na/en/index/service_support.html.

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8. Program Updates

ZebraDesigner and ZebraDesigner Pro can be updated and modified to take advantage of new developments. Updates will be available on our web site: <http://www.zebra.com/>

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