

Barcode Creator User's Manual

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Version 3.1

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FOR Naxter Corporation SOFTWARE Barcode Creator and
EAN/UPC/Code39/Code93/Code128 Barcode Creator.

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Overview

Barcode Creator is specially designed software to create barcode labels. By parting from a numerical or alpha input or import from external code list file, all the user has to do is to choose the format of code. The software will automatically generate the label graph.

The barcodes can be manipulated in as far size and truncation are concerned, and always in accordance to strict industry standards.

The codes that have already been created can be printed. Barcode Creator allows the creation of individual codes, labels and series of codes with a specified increment.

Barcode Creator will print barcode labels in any Windows compatible printer. This manual assumes that you are familiarized with the Windows operating system.

System Requirements

The minimum system requirements for the Barcode Creator are:

- ✓ A Pentium 200 MHz CPU
- ✓ 64M of system memory
- ✓ 10M of free hard disk space
- ✓ A plug and play monitor with of 800 x 600 resolution and 256 colors
- ✓ A Windows compatible printer
- ✓ Windows operation system(Windows 98/ME/NT4.0(sp6)/2000/XP)

Menu

File

Import

Import barcode list from external file.

Note: External barcode list file must be .txt format.

Generate Barcode Graphics

Create barcode graphics file(s) to disk.

Note: This function disabled in trial version.

Print

Print the barcode label(s).

Note: The Unregistered version can print up to 4 barcode labels pre page.

Print Setup

Setup the paper size and copies.

Exit

Quit Barcode Creator.

View

Toolbar

Show or hide the toolbar.

Copy

Copy currently barcode graphics to clipboard.

Scaling

Zoom in or zoom out the preview.

Options

Display the options dialog box to set parameters.

Help

Contents

Open the help window.

Frequently Asked Questions

Open the online FAQ web page.

Technical Support

Open your default email software with the Barcode Creator support email address.

Buy Now

Open the online order web page.

Register

Open the registration dialog box.

Note: This menu will be hiding after you input the correct register number.

About

Open the about dialog box.

Options

Paper Setting

Dimensions

You can define paper size by select "Print setup" under "File" or press "Print setup" button on Options dialog box.

Margins

Define the space that printer can not printed.

Layout

Define the columns and rows to print labels pre page. Also, you can define horizontal spacing and vertical spacing between labels.

Copies

If you want to print multiple pages, you can change this number by click "Printer setup" button.

Sequence

You can use a generated number called a sequence. It combined with Prefix, Central section and suffix. The central section will be auto generated base on you input.

On the other hand, you can manual input the encode text if you want to get same bar code labels. If you have external file which include the barcode list, you can import it by click the menu "Import" under "File".

Other Setting

Font

You can change the typeface of the implementation line by clicking on the font.

Note: Only the typeface and style can change, font size changes are not duplicated.

Readable text

Decide print the readable text on label or not.

Barcode Height

Set the barcode height (not the label's height).

Reduce ink spreading

In order to reduce ink spreading and improve the scanner readability.

Error control

The input text may be not always adapted to the format that you're selected. If Barcode Creator detected this, it will take one of the following actions:

Ignore: Try to encode the next text;

Break: Stop the encode process;

Prompt: Ask the user how to do.

Supported Encoding Formats

The currently version Barcode Creator supported encoding formats: EAN (13 digits, 8 digits, 13 + 2 add-on and 13 + 5 add-on), UPC (UPC-A, UPC-E, UPC-A with 2 or 5 digit add-on), ISBN (with or without the 5-digit add-on), CODE128-B (the whole set of printable ASCII characters), CODE128-C (two digits encoded by each barcode symbol), CODE128 (all ASCII values), a "raw-input" pseudo-code that generates CODE128 output, CODE39 (alphanumeric), "interleaved 2 of 5" (numeric), Codabar (numeric plus a few symbols), MSI (numeric), Plessey (hex digits) and CODE93 (full ASCII character set).

Note:

EAN Barcode Creator only supports EAN format.

UPC Barcode Creator only supports UPC format.

Code39 Barcode Creator only supports code39 format.

Code93 Barcode Creator only supports code93 format.

Code128 Barcode Creator only supports code128(a, b, c) format.

EAN

The EAN frontend is similar to UPC; it accepts strings of digits, 12 or 7 characters long. Strings of 13 or 8 characters are accepted if the provided checksum digit is correct. I expect most users to feed input without a checksum, though. The add-2 and add-5 extension are accepted for both the EAN-13 and the EAN-8 encodings.

Note: You can get an EAN code for your product by visit the European EAN Code Council's web page at <http://www.ean-int.org>

UPC

The UPC frontend accepts only strings made up of digits (and, if a supplemental encoding is used, a blank to separate it). It accepts strings of 11 or 12 digits (UPC-A) and 6 or 7 or 8 digits (UPC-E).

Note: You can get a UPC code for your product by visit the Uniform Code Council's (UCC) web page at <http://www.uc-council.org>

ISBN

ISBN numbers are encoded as EAN-13 symbols, with an optional add-5 trailer. The ISBN frontend of the library accepts real ISBN numbers and deals with any hyphen and, if present, the ISBN checksum character before encoding data.

CODE 128-B

This encoding can represent all of the printing ASCII characters, from the space (32) to DEL (127). The checksum digit is mandatory in this encoding.

CODE 128-C

The "C" variation of Code-128 uses Code-128 symbols to represent two digits at a time (Code-128 is made up of 104 symbols whose interpretation is controlled by

the start symbol being used). Code 128-C is thus the most compact way to represent any even number of digits. The encoder refuses to deal with an odd number of digits because the caller is expected to provide proper padding to an even number of digits.

CODE 128 RAW

Code-128 output represented symbol-by-symbol in the input string. To override part of the problems outlined below in specifying code128 symbols, this pseudo-encoding allows the used to specify a list of code128 symbols separated by spaces. Each symbol is represented by a number in the range 0-105. The list should include the leading character. The checksum and the stop character are automatically added by the Barcode Creator.

CODE 39

The code-39 standard can encode uppercase letters, digits, the blank space, plus, minus, dot, star, dollar, slash, percent. Any string that is only composed of such characters is accepted by the code-39 encoder. To avoid losing information, the encoder refuses to encode mixed-case strings (a lowercase string is nonetheless accepted as a shortcut, but is encoded as uppercase).

INTERLEAVED 2 OF 5

This encoding can only represent an even number of digits (odd digits are represented by bars, and even digits by the interleaving spaces). The name stresses the fact that two of the five items (bars or spaces) allocated to each symbol are wide, while the rest are narrow. The checksum digit is optional (can be disabled via check the "Without checksum" option in "Options" dialog box). Since the number of digits, including the checksum, must be even, a leading zero is inserted in the string being encoded if needed (this is specifically stated in the specs Barcode Creator have access to).

CODE 128

Code 128 uses the full 128 ASCII character set, can encode as many characters as desired, and is designed to be ultra-high density. Code 128 is capable of displaying 2 digits with one set of bars (known as double density, or Subset C).

CODABAR

Codabar can encode the ten digits and a few special symbols (minus, plus, dollar, colon, bar, dot). The characters "A", "B", "C" and "D" are used to represent four different start/stop characters. The input string to the Barcode Creator can include the start and stop characters or not include them (in which case "A" is used as start and "B" as stop). Start and stop characters in the input string can be either all lowercase or all uppercase and are always printed as uppercase.

PLESSEY

Plessey barcodes can encode all the hexadecimal digits. Alphabetic digits in the

input string must either be all lowercase or all uppercase. The output text is always uppercase.

MSI

MSI can only encode the decimal digits. While the standard specifies either one or two check digits, the current implementation in this version only generates one check digit.

CODE 93

Code 93 can represent the full 128 ASCII character set.

Technical Support

Contact **support@naxter.com** with product name and version.

How to Purchase

Please visit **<http://www.naxter.com/buynow.htm>** to get more info.

You can choose one of the following easy methods of payment for either CD or email registration:

- 1) Secure on-line credit card transaction
- 2) Phone: credit card
- 3) Fax: credit card
- 4) Regular mail - check, money order, traveler's check

How to Register

Unlicensed copies of Barcode Creator can print up to four barcode labels pre page. You may register your copy by visit

<http://www.naxter.com/buynow.htm>

and following the registration link. By registering, you will receive a register number to get the full function copy.

Memo