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GP-C831 / GP-M831

Quick Printing Guide (for BarTender®)

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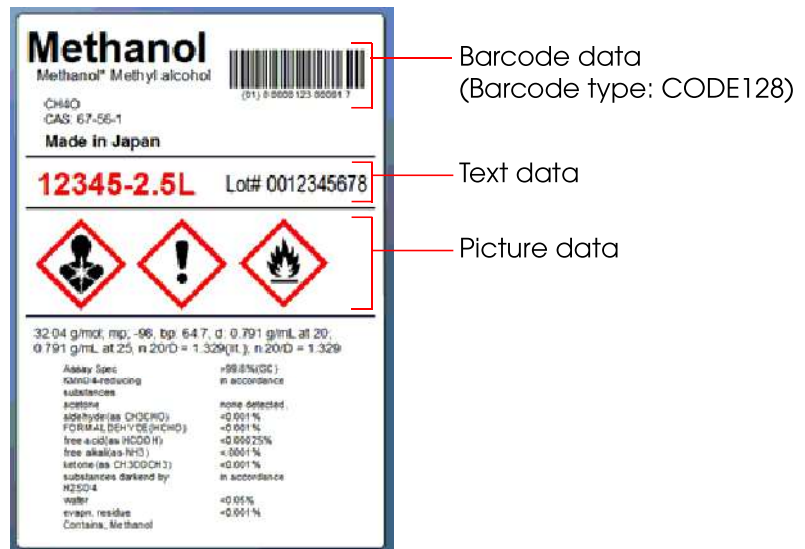
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Overview

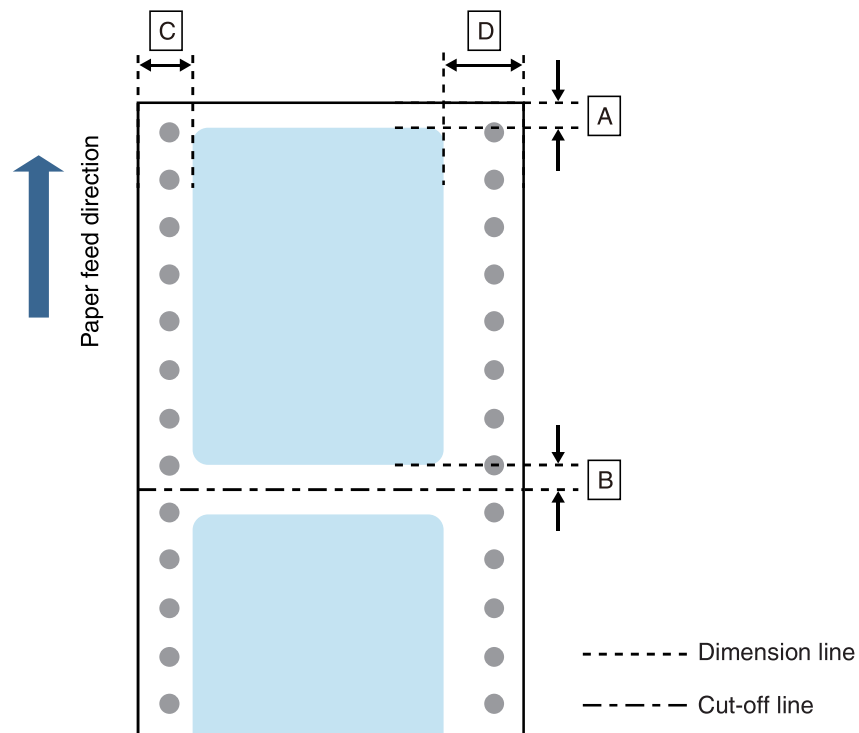
This manual contains necessary information to print on Seagull Scientific "BarTender 10.1 Professional" (BarTender), using GP-C831 or GP-M831.

Here we will use the following print data as an example. Change the content based on the actual use environment.

- Printed Information:



- Media Type: Plain Label
- Paper Size: 240 x 300 mm
- Label Size: 200 x 290 mm
- Margins: Top (A): 5 mm, Bottom (B): 5 mm, Left (C): 15 mm, Right (D): 25 mm



Install BarTender beforehand.

See the BarTender manual for how to install and operate BarTender.

See the "GP-C830/GP-M830/GP-C831/GP-M831/GP-C832/GP-M832 User's Guide" for details on how to use the printer and printer driver.

Caution:

The usage may differ when printing with a different version or edition of BarTender.

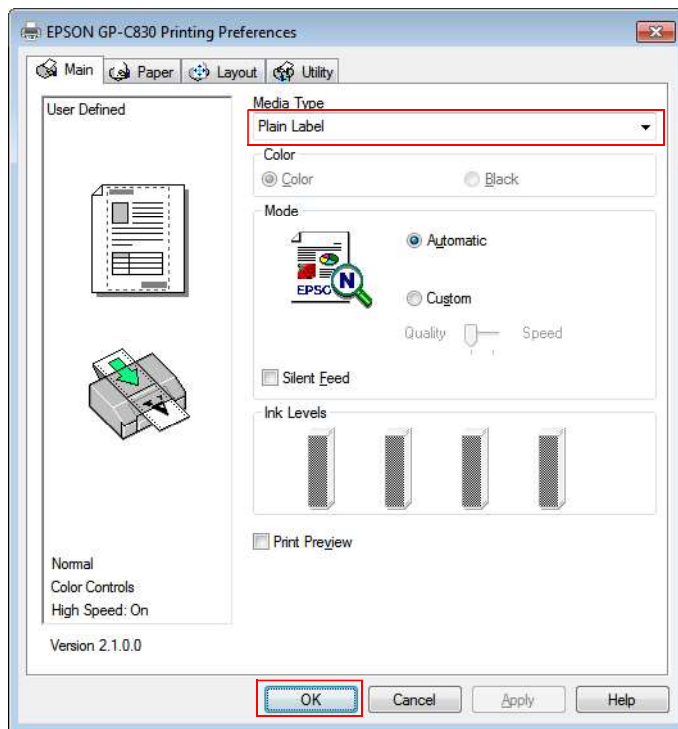
Preparation of the Printer

- 1 Insert the supplied CD into the computer, and set up the printer according to the setup tool instructions.

Note:

The printer driver is installed automatically if it has not been installed.

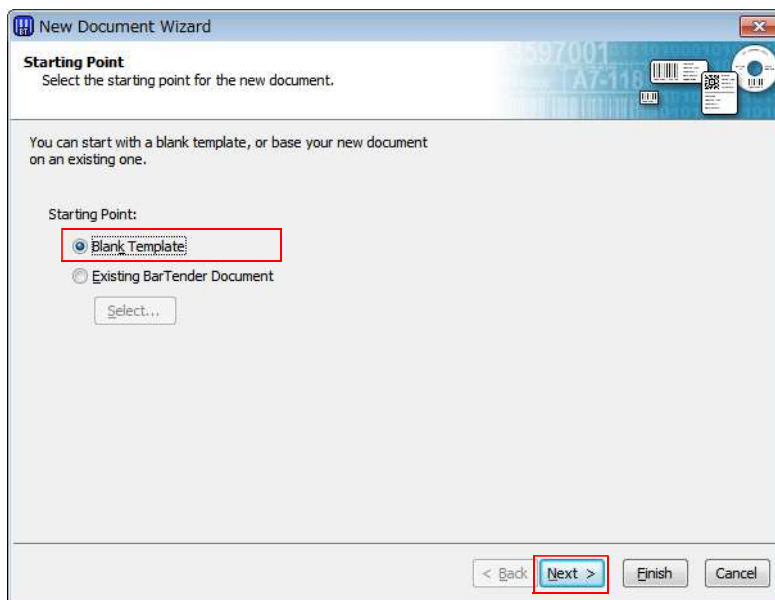
- 2 Specify the media type.
After setup is complete, display the printer driver. Specify "Plain Label", and then click (OK).



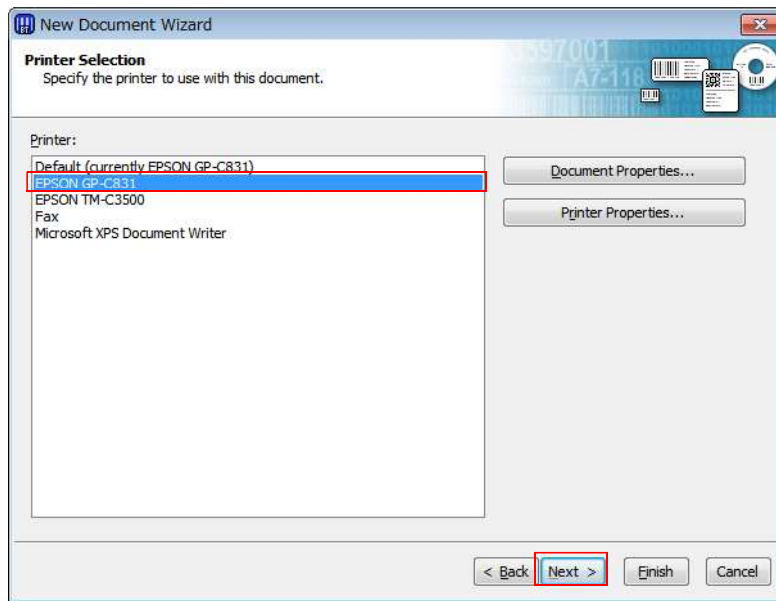
When using multiple media layouts with different media sizes, register multiple media layout on the BarTender.

Preparation of BarTender

- 1 Start BarTender, and create a new document.
- 2 Set the Starting Point. Select (Blank Template) , then click (Next).



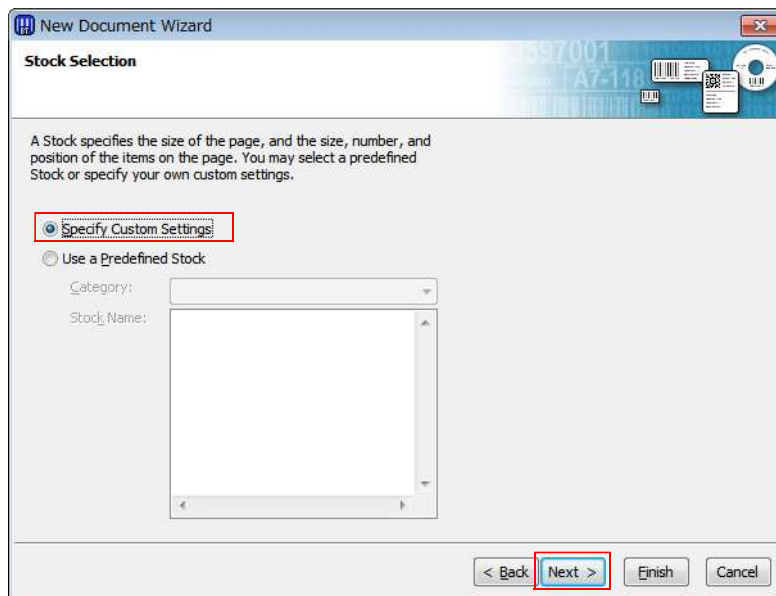
- 3** Select the printer. Select "EPSON GP-C831", then click (Next).



Note:

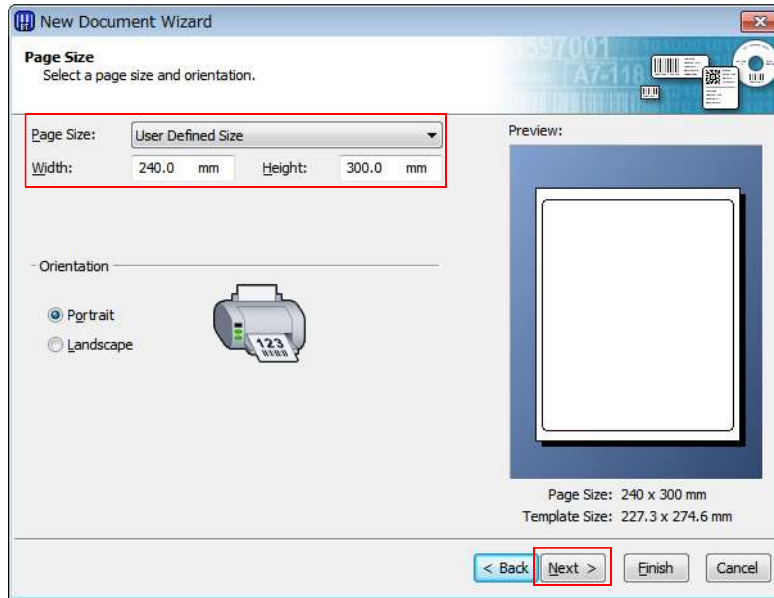
When using GP-M831, select "EPSON GP-M831".

- 4** Specify the Stock Selection, select (Specify Custom Settings), then click (Next).



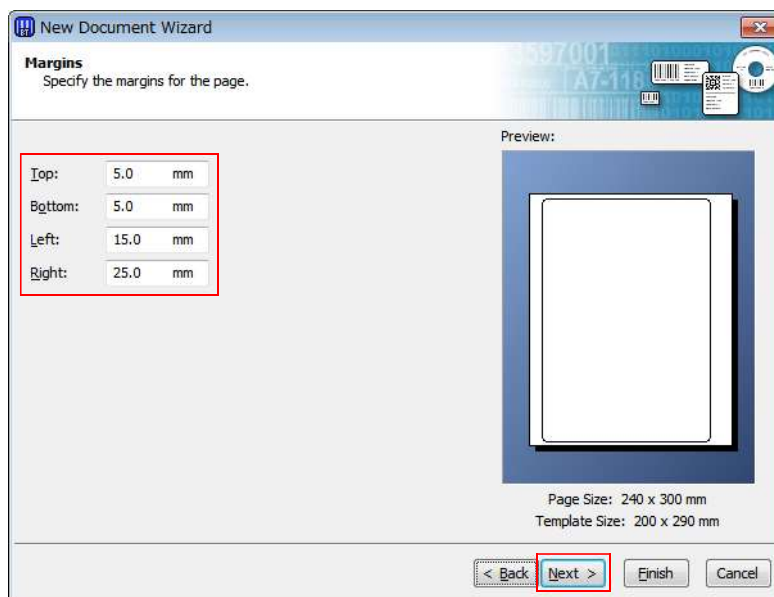
5 Specify the size of the paper to be used, as shown below. Then click (Next).

Setting Items	Setting Value
Paper size	User Defined Size
Width	240.0 mm
Height	300.0 mm



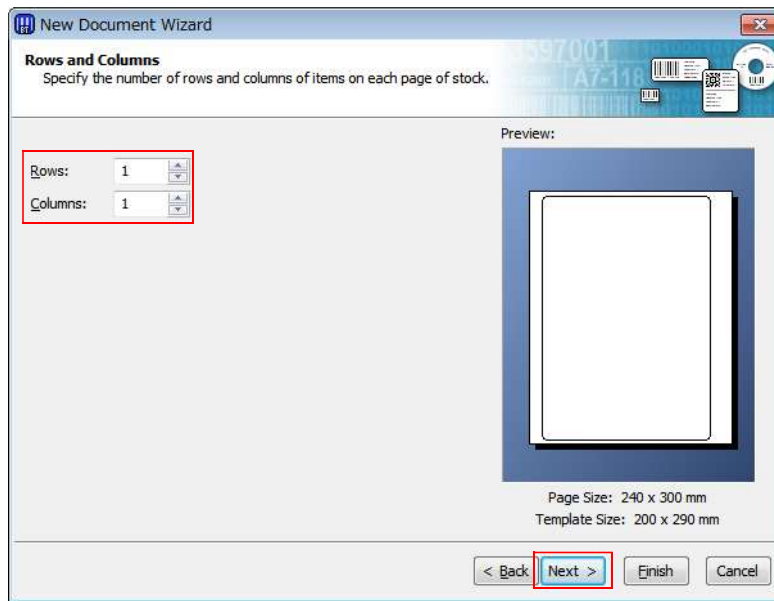
6 Specify the page margins to set the label size. Specify as shown below, and then click (Next).

Setting Items	Setting Value
Top	5.0 mm
Bottom	5.0 mm
Left	15.0 mm
Right	25.0 mm



7 Specify the number of rows and columns. Specify as shown below, and then click (Next).

Setting Items	Setting Value
Rows	1
Columns	1



8 Follow the wizard instructions to create the document.

Creating Label Design

See the following and create a label design using BarTender.

Make sure you have the top and bottom margins of 1.5 mm and more, and left and right margins of 2.0 mm and more inside the label size.

Cautions:

- The maximum printable width for GP-C831 and GP-M831 is 216.2 mm.
- Data placed in the position more than 216.2 mm from the left edge of the media is not printed.

Barcode Object Icon

Text Object Icon

Picture Object Icon

Barcode Data

Text Data

Picture Data

BarTender Professional - [GHS.btw]

File Edit View Create Arrange Administer Tools Window Help

Components

GHS.btw

Methanol
Methanol* Methyl alcohol
CH4O
CAS: 67-56-1
Made in Japan

12345-2.5L Lot# 0012345678

32.04 g/mol, mp: -98, bp: 64.7, d: 0.791 g/mL at 20, 0.791 g/mL at 25, n 20/D = 1.329 (lit.), n 20/D = 1.329

Assay Spec		>= 99.8%(GC)
KMnO4-reducing substances	none detected.	in accordance
acetone		
aldehydes (CH3CHO)		<0.001%
FORMALDEHYDE(HCHO)		<0.001%
free acids(H2CO3)		<0.0025%
free alkalies (NH3)		<0.001%
ketones (CH3COCH3)		<0.001%
substances derived by H2SO4		in accordance
water		<0.05%
evap. residue		<0.001%
Content: Methanol		

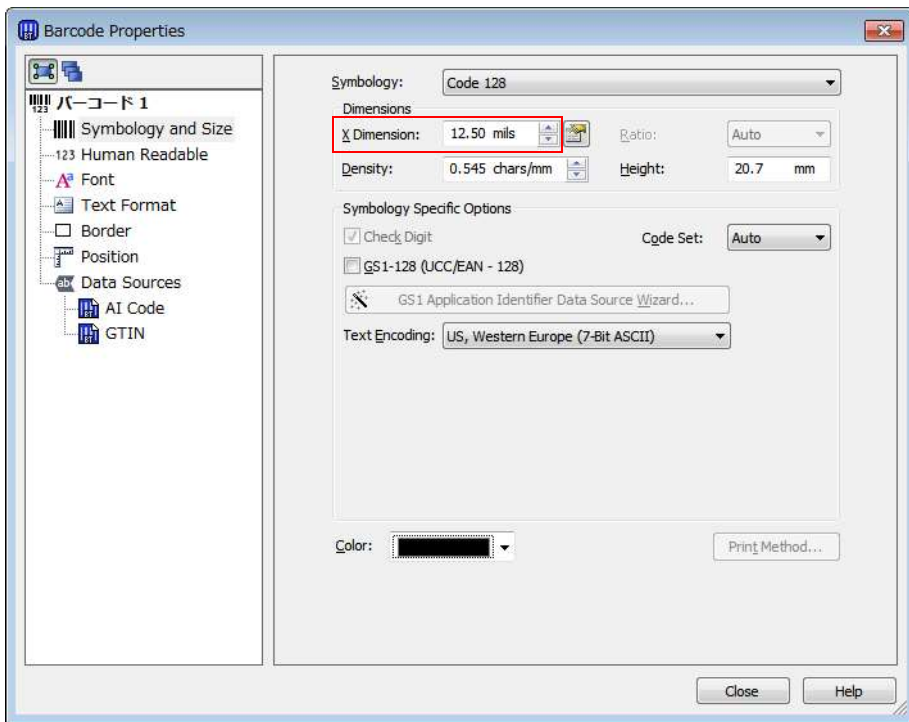
Printer: EPSON C Item Width: 200.0mm Item Height: 290.0mm 41.6%

- Use the Text Object Icon to insert Text Data.
- Use the Picture Object Icon to insert Picture Data.
- Use the Barcode Object Icon to insert Barcode Data.

For detail, refer to the BarTender manual.

Barcode Settings

In Barcode Properties, specify more than [12.50 mils] for X Dimension.



Notes:

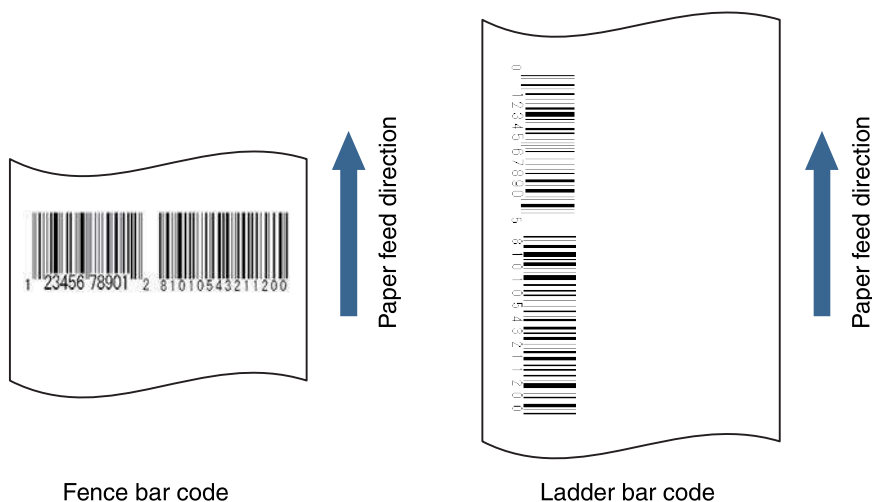
- When printing a barcode, there are recommended conditions according to the Media Type. If the recommended conditions are not followed, the printed barcode may not be read properly. For the recommended conditions, see the appendix.
- For the scan quality of printing using the barcode function of BarTender, contact Seagull Scientific, Inc.

Appendix

Recommended conditions of the Barcode

Barcode Direction	Printer Driver settings	BarTender settings (Recommended minimum value)	
	Media Type	X Dimension (mils)	Ratio *
Fence	Plain Label	12.50	Auto
	Matte Label, Synthetic Label, Glossy Label	9.73	Auto
Ladder	Plain Label	18.06	Auto
	Matte Label, Synthetic Label, Glossy Label	18.06	Auto

*: You can set the ratio when the barcode type is Codabar, CODE39, Interleaved 2 of 5, ITF-14, or MSI.



Cautions:

- The above values are valid when using paper recommended by EPSON.
- Before using the barcode, print the barcode and check the scan quality.

Barcode font of the Printer Driver

When printing a barcode that has higher reading quality than a BarTender barcode, you can use the printer driver's barcode font.

Use the following method.

- 1** In printer driver's "Barcode and 2D Symbol" settings, register the barcode font for which you specified the barcode type, size, rotation direction, and so on.
- 2** In printer driver's "Font Replacement" settings, replace the registered barcode font with TrueType font.
- 3** On a BarTender, enter the barcode value using the "Text" object as text data, and specify the replaced TrueType font.

Notes:

- For more details on how to set the printer driver, see "GP-C830/GP-M830/GP-C831/GP-M831/GP-C832/GP-M832 User's Guide".
- The barcode is displayed as text data on the BarTender screen and is not displayed as a barcode image. When you want to check the barcode image, use the printer driver's preview function.



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