

GP-C831/GP-M831 Quick Printing Guide (for BarTender[®])

M00087100 Rev.A

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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



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).

EPSON GP-C830 Printing Pr	eferences
	Mada Tara
User Defined	Plain Label
	Color
	Color Rizola
	Mode
	Automatic
	Custom
	Quality Speed
	Silent Feed
	Ink Levels
	Print Preview
Normal	THETOYON
Color Controls	
High Speed: On	
Version 2.1.0.0	
	OK Cancel Apply Help

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

Preparation of BarTender



Start BarTender, and create a new document.



Set the Starting Point. Select (Blank Template) , then click (Next).

🔛 New Document Wizard	
Starting Point Select the starting point for the new document.	
You can start with a blank template, or base your new document on an existing one.	
Starting Point:	
Biank Template Existing ParTander Degument	
Select	
	< Back Next > Finish Cancel

3

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

New Document Wizard	
Printer Selection Specify the printer to use with this document.	
Printer:	
Default (currently EPSON GP-C831) EPSON GP-C831	Document Properties
Fax Microsoft XPS Document Writer	Printer Properties
	< Back Next > Finish Canc

Note:

Δ

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

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

	Nizard		
Stock Selection			
A Stock specifies the s position of the items o Stock or specify your o	ize of the page, and the size, number, and n the page. You may select a predefined own custom settings.	d	
Specify Custom S	Settings		
O Use a Predefined	Stock		
<u>⊂</u> ategory;		Ţ	
Stoc <u>k</u> Name:		*	
	4 b	Ŧ	
			< Back Next > Einish Cancel

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

🔛 New Docur	ment Wiz	ard					×
Page Size Select a page	e size and o	orientati	on.				
Page Size:	User Def	ined Siz	e		•		Preview:
Width:	240.0	mm	<u>H</u> eight:	300.0	mm		
- Orientation	De		123				
							Page Size: 240 x 300 mm Template Size: 227.3 x 274.6 mm
						< 1	Back Next > Einish Cancel

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

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

New Do Margins Specify t	ocument the margin	Wizard s for the p	page.		97001 A7-11		
Iop: Bottom: Left: Right:	5.0 5.0 15.0 25.0	mm mm mm		Preview	v:		
				Те	Page Size: 24 emplate Size:	10 x 300 mm 200 x 290 mi	m
				< <u>B</u> ack	<u>N</u> ext >	Einish	Cancel

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.



- 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

第 る 1 パーコード 1	Symbology:	Code 128			•
	<u>X</u> Dimension: <u>D</u> ensity:	12.50 mils 📄 🚰 0.545 chars/mm 🚔	<u>R</u> atio; Height:	Auto 20.7	mm
Text Format Border Position	Symbology Spe	cofic Options	C <u>o</u> de Set:	Auto	•
™ Data Sources	GS1A	pplication Identifier Data S	ource <u>W</u> izard	•	
	<u>C</u> olor:		(Prin <u>t</u> Me	thod

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	Printer Driver settings	BarTender settings (Recommended minimum value)		
Direction	Media Type	X Dimension (mils)	Ratio *	
Fence	Plain Label	12.50	Auto	
Tence	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.

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.