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Printer driver and calibration steps for most Wasp Printers

Internal User - 2023-10-26 - in Manuals and Driver

Windows print driver for WPL Label Printers (see below for full list of models). This driver is compatible with 32-bit and 64-bit versions of Windows 11, 10, 8, 7, Vista, XP, and Windows Server 2003, 2008, 2012, 2016. 2019

Click on the link below or copy the link to your web browser:

https://dl.waspbarcode.com/kb/printer/WaspPrintDriver2023.3.exe

NOTE: If this is a new computer and you have McAfee Live Safe installed, pause real time scan for at least 15 minutes to install the printer as McAfee will block the installation process.

Installing the printer

- 1. Turn on the printer, wait for the status light to display green, then plug its USB cable into the PC. After Windows installs its USB Printing Support driver (seen in Devices and Printers under Unspecified), the printer is ready for driver installation.
- 2. Run the downloaded file, which extracts the drivers and runs the DriverWizard. You will see references to Seagull Scientific, Inc., which is normal. Follow the prompts to upgrade an older driver, or install a new driver.
- 3. If there is an older version of the driver installed, the DriverWizard can upgrade in place. Reboot the PC if prompted. After you log back in, it may prompt to reboot again; please do so. When you log in again, it should confirm removal of the old driver(s).

Calibrating the printer

After installing your printer it will need to be calibrated to the size of the labels. Follow the steps below to calibrate:

1. Download the Diag Tool from the link below then unzip the file: https://dl.waspbarcode.com/kb/printer/DiagTool_v1.63.zip

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3. Click on the Get button in the bottom right corner. Don't worry about the information that populates the boxes. If you are calibrating a network printer, change the interface box to

Ethernet

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3a (Network) Click on Setup, you should see your printer listed. If not, click on Discover Device, if it's listed click on it to highlight, then exit.

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4. Click on the Calibrate Sensor button on the left.

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5. Click on the first Calibrate button at the bottom left:

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6. It should feed out 2 to 3 labels. Click on Get again. This time Look at Paper Width. By default it will be 4.00. Change this to match your label size.

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7. Change this to match your label

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8. Click on Set in the bottom right.

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	Paper Width	2.00	inch	Ribbon Encoder Err.	ON	•	
Print Test Page	Paper Height	0.99	inch	Code Page	850	-	
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9. Click on Print Test Page on the left. It should print correctly on only a single label.

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Reset Printer	Density	8 💌		Ribbon Sensor	ON	•
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Configuration Page	Media Sensor	GAP	•	Country Code	001	•
Dump Text	Gap	0.12 incl	h	Head-up Sensor	ON	•
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rinter Status	Shift×	0				
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Get Status	Clear	Load	Save		Set	Get

Changing driver settings

Once it has been calibrated you will need to set your driver size.

1. Open the Control Panel on your computer. (Do not use Windows Settings as this does not allow you to change the printer's default settings.)



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Adjus	st your computer's settings							View by: Large icons	•	
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٢	Ease of Access Center		File Explorer Options	le	File History	£	Flash Player (32-bit)		
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2. Find your printer and right click on the printer and choose Printer Properties (4th on the list)

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3. Click on the Advanced tab at the top of the screen

Fonts			Tools		About		
General	Sharing	Ports	Advanced	Color	Managemen	t Security	
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4. Click on Printing Defaults at the bottom of the screen

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5. The first tab is Page Setup. Stock, the default is $4" \ge 6"$ click on the drop down box to change your label size.

	🖶 Wasp WPL-30	15 Properties ×
-	Fonts	Tools About
	General S	Wasp WPL-305 Printing Defaults
$\overline{}$	Always ava	Page Setup Graphics Stock Options About
P	🔿 Available f	Stock
50	Priority:	Name: USER (4.00 in x 6.00 in)
	Driver:	Preview Orientation Effects
	Spool print	O Landscape
	⊖ Start p	O Portrait 180°
	Start p	└─ ↓ () Landscape 180°
	O Print direct	Preset Name: <default settings=""> Manage</default>
	Hold mism	
	Print spool	Advanced Options
	Keep print	
	🗹 Enable adv	© 2015-2018 Seagull Scientific, Inc.,
-	Printing D	http://www.seagullscientific.com
		OK Cancel Apply Help
2		OK Cancel Apply Help

🖶 Wasp W	PL-305 Print	ing De	faults				×
Page Setup	Graphics	Stock	Options	About			
Stock							
Name:	2 x 1 (2.00 ir	n x 1.00) in)				\sim
6	USER (4.00 1 x 1 (1.00 ir 1.25 x 1.25 (in x 6.0 h x 1.00 (1.25 in	10 in)) in) x 1.25 in)				
- Preview -	2 x 1 (2.00 ir 2 x 2 (2.00 ir 2 x 3 (2.00 ir	n x 1.00 n x 2.00 n x 3.00) in)) in)) in)				
ALE	2 x 4 (2.00 ir 2 25 X 1 25	1 x 4.00 (2 25 in	in) x 1 25 in)				
	2x.75 (2.00 i	n x 0.7	5 in)				
•	4 x 2 (4.00 ir	1 x 2.00	in)				
Preset	4 x 3 (4.00 ir 4 x 4 (4.00 ir	n x 3.00 n x 4.00	in) in)				
Name:	4 x 6 (4.00 ir New Stock (n x 6.00 (2.00 in	in) x 1.00 in)				
ō				Adv	vanced Op	tions	
	© 201 http	15-2018 ://www	Seagull S v.seagullsc	cientific, ientific.c	, Inc., com		
	ОК		Cancel	1	Apply	H	lelp

6. Once you have selected your label size click Apply, then OK. Click on the General tab and then click on Preferences.

Hasp WPL-305 Properties

Fonts			Tools		Abou	t
General	Sharing	Ports	Advanced	Color Manage	ment	Security
3	Wasp	WPL-305				
Location:						
Comment	t:					
Model:	Wasp	WPL-305				
- Features	;					
Color: I	No		Paper a	available:		
Double	-sided: No					\sim
Staple:	No					
Speed:	Unknown					
opeca						
Maxim	um resolutio	on: 203 dpi				× .
Maxim	um resolutio	on: 203 dpi				~
Maxim	um resolutio	on: 203 dpi	Preferences	Prir	nt Test F	v age

7. Make sure your label size is correct

Hasp WPL-305 Printing Preferences

Page Setup	Graphics Stock Options About
Name:	2 x 1 (2.00 in x 1.00 in)
Preview	Orientation Effects
	Portrait Mirror Image Landscape Portrait 180° Landscape 180°
Preset Name:	<current settings=""> V Manage</current>
	Advanced Options
	© 2015-2018 Seagull Scientific, Inc., http://www.seagullscientific.com
	OK Cancel Apply Help

If it's not correct, change it to the correct size and click Apply then OK. Once you click OK it will take you back to the General tab. Click on Print Test Page. It should print one label.

Below is the full list of printers supported by this driver (sorted by number). All entries are for the standard 203 DPI print head, unless otherwise specified.

WPL4MB WPL4ML WHC25 WPL25 WPL-204 WPL-205 WPL206M, WPL206U WPL-303 WPL304 WPL-305 (includes WPL305E) \times

WPL308 WPL308-300 (300 DPI print head) WPL308-600 (600 DPI print head) WPL406 WPL408 WPL-604 WPL-606 WPL-608 WPL-608-300 (300 DPI print head) WPL-610 WPL-610-300 (300 DPI print head) WPL612 WPL612-300 (300 DPI print head) WPL612-600 (600 DPI print head) WPL614 WPL614-300 (300 DPI print head) WPL614-600 (600 DPI print head) WPL614M WPL618 WPL618-300 (300 DPI print head) WPL618-600 (600 DPI print head)

WPL-644 (600 DPI print head for WPL608, WPL610, WPL612)

Related Pages

- Printer User Manuals, Programming Reference Guides, Quick Reference Guides, Quick Start Guides (multiple models)
- <u>WPL308M Printer Resources</u>
- <u>Wasp WPL Label Printer Installation & Troubleshooting</u>
- Wasp label printer is not displayed in Devices and Printers (Windows 10 and Windows 8). I can print to it, but the label size is incorrect.
- WPL Print Driver Removal via Registry. Driver Wizard says it completed, but the "completed successfully" list is empty and no printer is actually installed.
- WPL612 600dpi Printer Driver

- <u>WPL Label Printer: Installing driver to a network printer</u>
- WPL612 WPL610 WPL608 Printer Resources
- <u>WPL305 Printer Resources</u>
- Printer Programming Manuals: WPL, ZPL, EPL
- W600 and W300 driver DT/TT
- <u>Do Wasp's WPL printers support ZPL or EPL commands?</u>