HP LF Printing Knowledge Center



How to ensure a print overnight

<u>Application:</u> Adobe Acrobat <u>Printer:</u> HP Designjet Z6100 series <u>Software</u>: HP PS Driver <u>Operating System:</u> Mac OS X





- 1. First recommendations:
 - I order to get a correct display, it's also essential to have the monitor calibrated, refer to the <u>Profile my monitor</u> document.
 - See the Media type functionality & features and choose the most appropriate media.
 - Ensure that the Paper Type setting on the front panel corresponds to the paper that you intend to use. It is essential that the paper is correctly color calibrated for the printer; refer to the <u>Calibrate my printer</u> document.
 - If the paper that you are using is not listed, we strongly recommend creating a new Custom Paper Type, or if you cannot find a paper type that resembles yours closely enough. You can add a custom paper automatically by using the HP Color Center; refer to the <u>Add and profile a new paper type</u> document.
- 2. More recommendations:
 - Prepares the area around the printer just in case some prints go out of the output device.
 - Make sure the media is correctly loaded into the printer.
 - Check the current status of the printer: ink consumables levels and paper information. You can do it in various ways:
 - If you start HP Printer Utility and select your printer, you see a page of information describing the status of the printer and its paper and ink supplies.
 - If you access the Embedded Web Server, you see information about the general status of the printer. The Supplies page in the **Main** tab describes the status of the paper and ink supplies.
 - The status screen of the printer's front panel notifies you of any current problems affecting the printer as a whole. You can also request information about:
 - The currently loaded paper under **Paper** menu.
 - The ink levels under **Ink** menu.
 - Make sure the Printer queue and Nesting option are set on:
 - Via Embedded Web Server, in the Printer settings page in the **Setup** tab.
 - Via printer front panel, under **Printer** menu.
- 3. Open Adobe Acrobat (If you are intended to print from Adobe Acrobat Reader, go to step 5).



- 4. Configure the **Color Management** options, **Acrobat menu > Preferences...**:
 - **Working Spaces > RGB**: Select the profile of the scanner or camera you have used to get your file (source profile), if you don't have it, select Adobe RGB (1998).
 - Working Spaces > CMYK: Select Europe ISO Coated FOGRA27 (for Europe), U.S. Web Coated (SWOP) v2 (for US) and Japan Standard v2 (for Japan).
 - Check Use black point compensation check box.

	Preferences	
Accessibility Batch Processing Catalog Color Management Commenting Convert From PDF Convert From PDF Digital Signatures Forms Full Screen General Identity Internet JavaScript Multimedia Page Display Reading Reviewing Search Smoothing Spelling Startup TouchUp Trust Manager Units & Guides Updates Web Capture	Preferences Color Setup Settings: Custom Working Spaces RGB: Adobe RGB (1998) CMYK: U.S. Web Coated (SWOP) v2 Grayscale: Gray Gamma 2.2 OutputIntent overrides working spaces Conversion Options Engine: Adobe (ACE) Ves black point compensation Description Choose a profile for untagged CMYK objects.	
	Cancel OK)

- 5. Open your file, **File menu > Open...**.
- 6. Now, you can check your job and retouch it if needed:
 - Make sure all the necessary information is included: Fonts, images, logos....
 - Make sure you have configured all the corresponding settings (Orientation, margins, typography, color, resolution, etc), appropriately for your document.



- 7. Check the print layout and the overall output before printing; Select Adobe Acrobat print settings; **File menu > Print...**:
 - **Printer**: Select the printer (ex. HP Designjet Z6100ps 42in Photo).
 - Select the printing options you need, **Page Scaling**, **Print What...**:

Print	
Printer: HP Designjet Z6100ps	42in Ph 🛟
Presets: Standard	•
Copies & Pages	÷
Copies: 1 Collated All Reverse Pages Current view Current page From: 1 to: 1 Subset: All Pages in Range Print What: Document Page Scaling: None	Preview
Advanced Printing Tips	Units: Inches Zoom: 100%



- Click **Advanced...** button:
 - Output > Color: Select Composite.
 - Output > Printer Profile: Select Printer/PostScript Color Management.
 - Check Apply Working Color Spaces check box.

	Advanced Print Setup		
Settings: Custom	Delete Save As		
rinter: HP Designjet Z2100 24ir	1 Photo Print As Image		
	Output		
Output Marks and Bleeds Transparency Flattening	Color: Composite Screening: Default Screen		
PostScript Options	Flip: None 🛟 🗌 Negative		
	Printer Profile: Printer/PostScript Color Management		
	Apply Working Color Spaces		
	Apply Proof Settings		
	Simulate Overprinting		
	Use Maximum Available JPEG2000 Image Resolution		
	Emit Trap Annotations		
	Ink Manager		
	Plate Control Emit All Plates ‡		
	Process Cyan Process Magenta Process Yellow Process Black		
	Select this option to apply the CMYK working space profile as a Source Profile for uncalibrated color objects in the document.		
	Cancel OK		

o Click **OK**.



- 8. Select Driver print settings:
 - Select Paper Handling tab to choose:
 - **Destination Paper Size**: Select the media size that is loaded on the printer. Make sure that the document size is not bigger than the paper size you have in the printer.
 - \circ And other settings you need.
 - Color Options tab:
 - Select Color Management > Printer Managed Colors:
 - Default RGB Source Profile: Select sRGB (HP).
 - **Default CMYK Source Profile**: Select Europe ISO Coated FOGRA27 (for Europe), U.S. Web Coated (SWOP) v2 (for US) and Japan Standard v2 (for Japan).
 - **Rendering Intent**: Select Relative Colorimetric.



Pri	int				
Printer: HP Designjet Z610	00ps 42in Ph 🛟				
Presets: Standard	Presets: Standard				
Color Options					
Basic CM	IYK Settings				
• P	rint In Color				
	rint In Grayscale				
Gra	ly and Black inks only				
Color Management: OA	pplication Managed Colors				
• P	rinter Managed Colors				
Default RGB Source Profile:	sRGB (HP)				
Default CMYK Source Profile:	Europe ISO Coated FOGRA27				
Rendering Intent:	Relative Colorimetric				
	Black Point Compensation				
Printer emulation:	Off 🛟				
HP Professiona	I PANTONE Emulation				
Constraints and Device Status (1)					
(?) (PDF ▼) (Preview)	(Cancel) Print				



• Image Quality tab:

	Print	
Printer:	HP Designjet Z6100ps 42in	Ph 😝 0
Presets:	Standard	•
	Image Quality	•
Qualit	y Options: Standard	
Speed		Quality
► Constraints and Device	Status (1)	
? PDF ▼ Pre	view	Cancel Print

• Quality Options: Select Standard and drag the slider to Quality (Best).

 Prints a draft copy of your work for validate the document settings you selected (orientation, margins, typography, color, resolution, etc); press **Print** button. Check the print draft; if it meets your expectations, you are ready to print your job.



10. Print the fist copy of your job, Adobe Acrobat **File menu > Print...**:

- **Printer**: Select the printer (ex. HP Designjet Z6100ps 42in Photo).
- Click **Advanced...** button and select the same application settings you choose in step 7.
- Click OK.
- Select the same Image Quality, Paper Handling and Color Options driver settings you selected in step 8, and also:
 - Select Copies & Pages tab:
 - Select the number of **Copies** you need.
 - Check the **Collated** option.
 - Select **Scheduler** tab:
 - **Print Document**: Set the time when you want to print your job.

	Print	
Printer:	Designjet Z6100ps 42in Photo	•
Presets:	Standard 1	•
	Scheduler	•
Print Document: O Priority: Hi	Now At 02:00 🗘 On Hold gh 🗘	
? PDF ▼ Prev	view	Cancel Print

- o Select **Finishing** tab:
 - Check the **Remove Top/Bottom Blank Areas** option.
- o Click **Print**.
- 11. Check the first print copy in terms of quality.
 - If the first copy is not OK, modify the appropriate settings and repeat step 9.
 - If the first copy is OK, you can allow the printer to print all the desired copies overnight.
- 12. Check remotely the printer status and job status via Embedded Web Server. You can:



Readjust the appropriate settings.

- Troubleshooting: Launch color calibration, paper profiling... Request e-mail notification of specific error conditions. •
- •

NOTE To use the Embedded Web Server, you must have a TCP/IP connection to your printer.



For more information on HP Designjet products

www.hp.com/go/designjet

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Rev. 1.0, 04/2007

