

Olivetti PG L26 Special (PostScript) : Readme for Mac OS X

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1 Getting Started

Step 1 - Install the software

Run the software installer for Mac OS X to copy the printer software to your hard disk.

Step 2 - Plug in power & connection cables. Switch on.

Connect your printer to your Mac using a USB or Ethernet cable.

Step 3 - Select your printer

Select your printer using the Apple Printer Setup Utility (Print Center on 10.2.x)

For more details on how to select your printer from the Printer Setup Utility, please see the relevant sections further on in this document.

Step 4 - Changing the printer's LCD display language

As standard, the printer's LCD display is in English. You can change the language of the LCD display using a software utility – Operator Panel Language Setup software utility. Please see the folder “Operator Panel Language” for instructions on using this software utility.

Note – you cannot change the LCD display using the buttons on the front panel of the printer.

2 System Requirements

Hardware Requirements

- All PowerPC processor models are supported (G3, G4 and G5 processor).
- The software on this disc will work with Intel Macs using Rosetta, the PowerPC compatibility environment in Intel Mac OS X.
- 68K processor models are not supported.

Operating System Requirements

Mac OS X 10.2 or later

3 About the Printer Driver software

3.1 What is a PostScript Printer Description (PPD) file?

For your printer, Olivetti do not provide a complete printer driver. Instead, Olivetti provide a PPD file. This PPD file is used to customise the Apple PostScript driver that is built-in to OS X. Examples of features the PPD file provides:

- Supported paper types
- Paper trays
- Printer resolution
- Printer colour matching

To get the best results from your printer, you should install and use the provided PPD file.

3.2 Why does the Mac OS X installer ask for my admin password?

The PostScript Printer Description (PPD) files and other printer driver components are installed into the [/Library/Printers/](#) folder. As this folder is shared amongst all users, the installer requires admin rights to be able to install the files into this folder and set the correct permissions.

3.3 About the Printing Plug-in (CUPS filter)

The printer driver installer contains a printing plug-in. This plug-in is necessary for correct functioning of the printer driver software and works in conjunction with the Olivetti PostScript Printer Description (PPD) file.

The printing plug-in is installed in the following location:

Jaguar	/usr/libexec/cups/filter/OkfilterA
Panther, Tiger	/library/printers/olivetti/filters/OKfilterA

If you delete this file and try to print, you will find that jobs are not sent to the printer at all. It is strongly recommended that you do not delete this file unless you are sure you want to completely remove the Olivetti printer software.

Please also note that other Olivetti Printer drivers may make use of this file. Only remove this file if you are sure that you have no other Olivetti printer software installed on your Mac.

4 Connecting to your printer (Tiger)

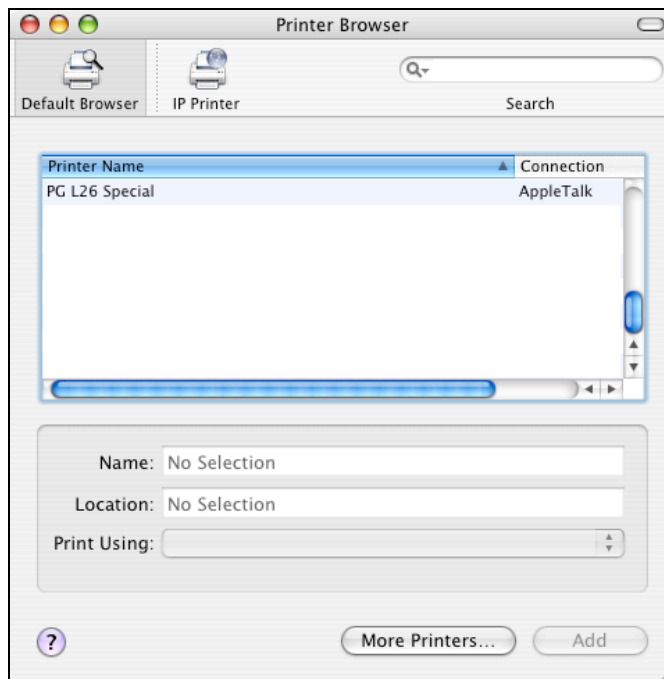
4.1 Bonjour, AppleTalk or USB (Tiger)

1. Launch Printer Setup Utility

This is located in the Applications > Utilities folder.

2. Click Add...

3. Select your printer model from the Default Browser



4. Click Add...

5. Depending on the connection type, you may be prompted to configure any additional printer hardware options. If your printer has options such as a hard disk or second tray, switch on the relevant options.

6. Quit Printer Setup Utility.

4.2 TCP/IP Connection (Tiger)

1. Launch Printer Setup Utility

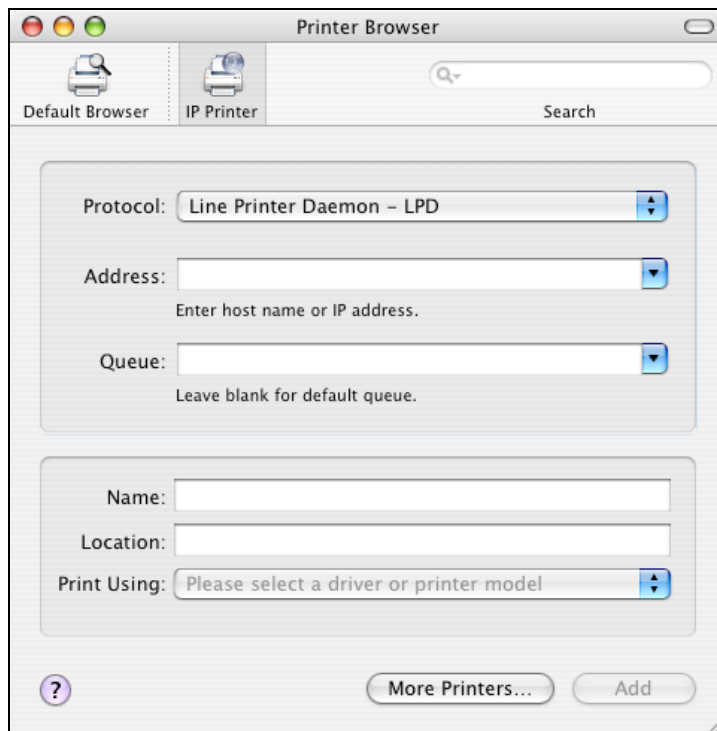
This is located in the Applications > Utilities folder.

2. Click Add...

3. Click the IP Printer button.

4. Choose Line Printer Daemon – LPD from the Protocol menu.

5. Enter the printer's IP address in Address.



6. Check the correct PPD file for your printer is selected in the Print Using menu.
7. Click Add.
8. You will be prompted to configure any additional printer hardware options. If your printer has options such as a hard disk or second tray, switch on the relevant options.
9. Click Continue.
10. Quit Printer Setup Utility

5 Connecting to your printer – Panther & Jaguar

5.1 Rendezvous (Panther & Jaguar)

If you have not already done so, run the Olivetti software installer before following the steps below.

1. Start the Printer Setup Utility*.
This is located in the Applications -> Utilities folder.

If your printer is already listed, your Mac may already have discovered the printer before you installed the Olivetti software. In this case, the printer may be using the incorrect PPD file or may not have the correct hardware options configured. You should delete the printer, quit Printer Setup Utility, and re-launch the utility before continuing.

2. Click Add...
3. Click the pop-up menu and choose Rendezvous.
4. Choose a printer to connect to.
5. Click Add.

6. Click the Printer Setup Utility menu, and choose Quit Printer Setup Utility.

After adding the printer, you should configure printer hardware options.

* This utility is called Print Center on Mac OS X 10.2.x.

5.2 IP connection (Panther & Jaguar)

If you have not already done so, run the Olivetti software installer before following the steps below.

1. Start the Printer Setup Utility*.

This is located in the Applications -> Utilities folder.

2. Click Add...

3. Click the pop-up menu and choose IP Printing.

4. Click the Printer Type menu and choose LPD/LPR.

5. Enter the printer's IP address.

To find the printer's IP address, you can print a configuration page from the printer's operator panel:

i. Press the Menu keys until Print Information is displayed.

ii. Press the Enter button

iii. Press the Menu keys until Configuration is displayed

iv. Press the Enter button

v. Execute is displayed – press the Enter button

The Configuration pages are printed. The printer's IP address is shown under the Network section on the left-hand side of the first sheet.

6. Enter the queue name. If you do not know the queue name, leave it as Use Default Queue on Server.

7. Click the pop-up menu and choose your printer model.

8. Click Add.

9. Click the Printer Setup Utility menu, and choose Quit Printer Setup Utility.

After adding the printer, you should configure printer hardware options.

*(This utility is called Print Center on Mac OS X 10.2).

5.3 AppleTalk connection (Panther & Jaguar)

If you have not already done so, run the Olivetti software installer before following the steps below.

1. Start the Printer Setup Utility*.

This is located in the Applications -> Utilities folder.

2. Click Add...

3. From the pop-up menu, choose AppleTalk.

4. Choose a printer to connect to.
5. Click Add.
6. Click the Printer Setup Utility menu, and choose Quit Printer Setup Utility.

* (This utility is called Print Center on Mac OS X 10.2).

5.4 USB connection (Panther & Jaguar)

If you have not already done so, run the Olivetti software installer before following the steps below.

1. Start the Printer Setup Utility*.
This is located in the Applications -> Utilities folder.

If your printer is already listed, your Mac may already have discovered the printer before you installed the Olivetti software. In this case, the printer may be using the incorrect PPD file or may not have the correct hardware options configured. You should delete the printer, quit Printer Setup Utility, and re-launch the utility before continuing.

2. Click Add Printer...
3. Click the pop-up menu and choose USB.
4. Choose a printer to connect to.
5. Click Add.
6. Click the Print Center menu and point to Quit Print Center.

*(This utility is called Print Center on Mac OS X 10.2).

6 Configuring Printer Hardware Options

If you have added additional hardware to your printer, these must be enabled in the printer driver. This is required for IP and Rendezvous network connections only.

Examples of additional hardware that can be added to your printer include:

- Additional paper trays
- Printer hard disk
- Additional printer memory
- Duplex unit

1. Open the Printer Setup Utility (Print Center on OS X 10.2.x).
This is located in the Applications -> Utilities folder.
2. Ensure that your printer model is selected.
3. Click the Printers menu, and choose Show Info.
4. From the popup menu, select Installable Options.
Select any options appropriate to your hardware, and click Apply Changes.

7 Known Issues

7.1 Garbage or blank pages printed

Symptoms:

When printing via a USB or TCP/IP connection, you receive:

- Blank pages or
- Pages printed with a line of garbage text

Cause:

This issue is normally caused by the data being sent to the printer in binary format. The printer may not be able to understand data in this format, and therefore may print blank pages or garbage.

In your application's print options, there may be an option to send data as ASCII. Choose this option, and print your document.

For example, in Adobe Photoshop 7 or Adobe Photoshop CS:

1. Click the File menu and select Print with Preview.
2. Click the box Show More Options.
3. From the popup menu, choose Output.
4. From the popup menu Encoding, choose ASCII.

7.2 Banner print is rotated by 90 degrees and printed at bottom of paper

7.2.1 For Mac OS X 10.2.3 or greater:

1. Not enough RAM in the printer to process the print job.

Try printing at a lower resolution.

2. Incorrect custom paper size being specified.

- Ensure that the Custom Paper Size in both the printer driver and your application are exactly the same.
- Ensure that the custom paper size is correct in the printer driver (e.g. 320 x 900mm).

If the custom paper size is wrong (e.g. 328 x 900mm), the OS X PostScript driver will replace this with the default paper size - normally A4.

7.2.2 For Mac OS 10.2.3 - 10.2.8 only:

3. The print job may have been rotated by your application.

A bug in the core Mac OS X 10.2.x caused custom paper sizes to be incorrectly rotated by 90 degrees. Therefore, Olivetti implemented a counter-rotation in the PostScript Printer Description (PPD) file to solve this problem.

However, some applications such as Quark Xpress or Macromedia Freehand may create their own PostScript code. For these applications, the custom paper size rotation issue does not apply.

In such a case, if the Olivetti PPD file is selected in Quark or Freehand's print dialog, the print job will be incorrectly rotated by 90 degrees.

The Olivetti printer driver contains a Page Rotate option – this may be used to fix the problem. Alternatively, you may be able to rotate the page in your application program.

7.3 No printing or print queue stopped

Symptoms:

Upon sending a job to the printer:

- i. The job disappears completely and is not printed, or
- ii. The job remains stalled in Printer Setup Utility (Print Center)

Cause:

The Olivetti printer PostScript Printer Description (PPD) file has a dependency on a filter file.

This filter file must be installed the following location:

`/usr/libexec/cups/filter/OkfilterA`

If this file is deleted, or is not present on your computer, jobs will not be sent to the printer at all. This can happen if you deleted this filter file, or if you copied a PPD file from another Mac and did not use the Olivetti Software installer.

Solution:

Run the Olivetti printer software installer contained on the CD-ROMs that were supplied with your printer. This will install the CUPS filter file and allow normal printing.