PF-Pro Print Factory Installation

Quick Reference Guide
for Windows 7, Vista, and XP

For a more in-depth look at the installation process, please refer to the Installation section of the User’s Manual.

Be sure your computer meets the Minimum System Requirements as stated in the User’s Manual and that you have read these instructions and the Manual prior to contacting Microboards Technical Support with installation or configuration questions!

PF-Pro Print Factory Installation:
You should not attempt to install the PF-Pro Print Factory unless you are logged on to your PC with administrative rights.
The hardware and much of the software installation will occur without intervention.

1. Unpack the PF-Pro Print Factory and place it in the selected workspace. This space should have enough vertical space to allow for easy loading of media into the input hopper and have enough room to the back of the PF-Pro Print Factory to allow the unloading of rejected discs.

2. Insert the PF-Pro Print Factory Installation disk into the CD/DVD ROM drive on your computer. The installer should open automatically.

   A. If the installer does not automatically open, click the Start button and select Run from the Start menu. Click the Browse button, go to the CD/DVD drive, and open the PC directory. Highlight MBinstall.exe, click the Open button, then click OK.

   B. Prerequisite Windows components may need to be installed before the Auto Printer can be installed. If any prerequisites are not present, they will be installed at this point. You will not be able to install your PF-Pro Print Factory without installing the prerequisite components. You may need to reboot the PC after any prerequisites are installed. The PF-Pro Print Factory installer will launch automatically after rebooting.

3. You will first be guided through the hardware setup. Please follow all directions on each window before clicking the Next button.

   During the Installation process, you may see windows appear that refer to the drivers not being verified by the operating system. Should any of these windows appear, click the option to install the driver software.

   If you do not install the driver software, your hardware will not run successfully!

4. After the physical hardware setup is complete, you will be instructed to connect the PF-Pro Print Factory to the computer. Once this occurs, Windows will find your new hardware and run through the driver installation process.

   You may see an indication that a hardware device was not completely installed. This is not unusual; the hardware installation will complete after the PC is rebooted. Continue through the installer to the last window.

5. Rebooting your PC is required before attempting to run your PF-Pro Print Factory! Click the Finish button to do so.

   In order to guarantee quality results from the PF-Pro Print Factory,
   ONLY MICROBOARDS PFP MODEL INK CARTRIDGES CAN BE USED!
   As is true with all printers, the quality of ink cartridge and the quality of the ink within the cartridge will affect your output. To ensure quality results, the PF-Pro Print Factory will not operate with any other ink cartridges in place.

   The use of refilled ink cartridges will void your warranty!

---

A. Click the Start button and select Run from the Start menu. Click the Browse button, go to the CD/DVD drive, and open the PC directory. Highlight MBinstall.exe, click the Open button, then click OK.

B. Prerequisite Windows components may need to be installed before the Auto Printer can be installed. If any prerequisites are not present, they will be installed at this point. You will not be able to install your PF-Pro Print Factory without installing the prerequisite components. You may need to reboot the PC after any prerequisites are installed. The PF-Pro Print Factory installer will launch automatically after rebooting.

3. You will first be guided through the hardware setup. Please follow all directions on each window before clicking the Next button.

   During the Installation process, you may see windows appear that refer to the drivers not being verified by the operating system. Should any of these windows appear, click the option to install the driver software.

   If you do not install the driver software, your hardware will not run successfully!

4. After the physical hardware setup is complete, you will be instructed to connect the PF-Pro Print Factory to the computer. Once this occurs, Windows will find your new hardware and run through the driver installation process.

   You may see an indication that a hardware device was not completely installed. This is not unusual; the hardware installation will complete after the PC is rebooted. Continue through the installer to the last window.

5. Rebooting your PC is required before attempting to run your PF-Pro Print Factory! Click the Finish button to do so.

   In order to guarantee quality results from the PF-Pro Print Factory,
   ONLY MICROBOARDS PFP MODEL INK CARTRIDGES CAN BE USED!
   As is true with all printers, the quality of ink cartridge and the quality of the ink within the cartridge will affect your output. To ensure quality results, the PF-Pro Print Factory will not operate with any other ink cartridges in place.

   The use of refilled ink cartridges will void your warranty!

---

Please visit our Technical Support website at www.microboards.com/support
Print Image Alignment

Your PF-Pro Print Factory has been factory aligned to .1mm precision. Fine tuning may be required for different brands or printable surface types of media to provide full surface coverage.

1. Access the Printing Preferences for the Microboards PF Pro. How this is done will depend on the Operating System and the currently selected Start Menu layout.
   - Windows 7: Select Devices and Printers from the Start button.
   - Windows Vista: Select the Control Panel from the Start button. Once the Control Panel opens, select Printer from the Hardware and Sound section.
   - Windows XP, Classic Start Menu layout: You will need to go to the Settings selection, then to the Printers and Faxes from the Start button.
   - Windows XP, Start Menu layout: Select Printers and Faxes from the Windows Start button.

   NOTE: THE ALIGNMENT VALUES MUST BE ENTERED FROM THE START BUTTON FOR THE SETTINGS TO BE SET AS THE DEFAULT SETTINGS, NOT FROM WITHIN ANY APPLICATION!!

2. Right click on the icon for the Microboards Print Factory Series and select Printing Preferences...

3. On the Print Quality tab, select Photo for the Paper Type and Best or Max DPI for the Print Quality.
   - Photo Best or Max DPI should always be selected when aligning the printer, in order to insure the greatest accuracy during the alignment process.
   - Other settings may not result in the best alignment.

4. Select the Alignment tab. The .1mm Resolution setting must be selected before setting alignment values (see below). Set the Top and Left Side alignment values to those required for image alignment.

   These settings will change the size of the top and left margins, respectively. Decreasing the values will move the image up or to the left, increasing will adjust down or to the right.

5. Click the Apply button to save the changes, found on the bottom of the Printing Preferences window.

   For further details on the alignment process, please refer to the section on Alignment in the PF-Pro Print Factory User’s Manual.

Printhead Alignment

The Printhead Alignment should always be run when printheads are installed or replaced. Misaligned printheads can show as overlapping areas of color or regularly-spaced gaps in the printed output. If this occurs at any time, run the Alignment.

1. Double-click the Toolbox icon in the tool tray in the lower right corner of your Windows desktop.
2. On the Services tab of the Toolbox, click the Align the Printheads button in the Print Quality section.
3. Load 4 unprinted discs into the input hopper and click the Align button on the next screen. 2 discs will each be printed with 4 alignment pattern sets labelled with a letter, each with a set of numeric values.
4. Select the setting for each alignment pattern set that shows the best alignment in the next screen.
5. Click the OK button when all 8 alignment set values have been selected.
6. 2 more discs will be printed with the printhead alignment pattern. If this best alignments of each set have moved closer to the center of the pattern sets, click Cancel. If the best aligned patterns have moved further away from the center of the sets than on the original discs, you will need to run the printhead alignment again. Click OK to repeat steps 4 through 6, using 2 more unprinted discs.

Cleaning the Printheads

The printheads may occasionally need to be cleaned for best results. If the printed output is showing horizontal streaks, the printheads should be cleaned.

1. Double-click the Toolbox icon in the tool tray in the lower right corner of your Windows desktop.
2. On the Services tab of the Toolbox, click the Clean the Printheads button in the Print Quality section.
3. Load an unprinted disc into the input hopper and click the Clean button on the next screen.
4. The printer will go through a process that cleans the printheads, after which the disc will be printed. Verify that the horizontal streaks have been eliminated; if not, repeat steps 3 and 4.

Be sure your computer meets the Minimum System Requirements as stated in the User’s Manual and that you have read these instructions and the Manual prior to contacting Microboards Technical Support with installation or configuration questions!

In order to guarantee quality results from the PF-Pro Print Factory, ONLY MICROBOARDS PFP Model INK CARTRIDGES CAN BE USED!

As is true with all printers, the quality of ink cartridge and the quality of the ink within the cartridge will affect your output. To ensure quality results, the PF-Pro Print Factory will not operate with any other ink cartridges in place.

The use of refilled ink cartridges will void your warranty!