

MX Disc Publisher Installation Quick Reference Guide

for Windows Vista, XP, and 2000



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!

Do NOT connect your MX Disc Publisher to your computer until you are told to do so!!

MX Disc Publisher Installation:

1. Unpack the MX Disc Publisher 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 behind the MX Disc Publisher to allow the unloading of any rejected discs.
2. Insert the MX Disc Publisher Installation disk into the CD/DVD ROM drive on your computer. The installer should open automatically.



If the installer does not automatically open, click the **Start** button and select Run from the Start menu. Click the **Browse** button and go to the CD/DVD drive, highlight **Setup.exe**, click the **Open** button, then click **OK**.

Please follow all directions on each window before clicking the Next button.

3. You will first be guided through the hardware setup. Do not click the Next button until you have completed each step.

4. After the physical hardware setup is complete, you will be instructed to connect the MX Disc Publisher to the computer. Once this occurs, Windows will find your new hardware and run through the driver installation process. There will be three hardware components that need to be installed.

5. **Windows Vista:** Drivers for Vista are pre-installed when the MX Installer is run. By pre-installing the drivers, your PC will install the hardware without intervention once the USB connection is made. You will not need to perform steps 6 and 7.

Windows 2000: Select the option to Search for a suitable driver, and click **Next**. Check the CD-ROM Drives Box and click **Next**. Click the **Next** button again when you are notified that the driver has been found.

Windows XP: Do not allow the Search the Internet option to attempt to find the drivers for you. Select the option to Install from a list or specific location and click **Next**. Check the Search Removable Media box and click **Next**.

If the Microsoft Digital Signature screen appears, click the **Yes** or **Continue Anyway** button at the bottom of the screen.



6. Once the drivers for this component have been installed, click the **Finish** button.
7. For Windows XP and 2000, Steps 5 and 6 will be performed once for each of the 3 components of the hardware installation. The components are: **USB Serial Converter**, **USB Serial Port**, and the **Microboards PF-Pro** printer. If the Microsoft Digital Signature screen appears, click the **Yes** or **Continue Anyway** button at the bottom of the screen.

Installation of SureThing CD Labeller and Prassi Zulu2 will occur next.

8. **SureThing CD Labeler Installation:**

- A. Read the Software License and Warranty information and click the **I Accept** button to continue the installation of SureThing.
- B. Click the **Next** button at the Welcome screen.
- C. To install to the default directory, click **Next** on the Select Destination Directory screen. If you wish to install to a different location, select that location before clicking **Next**.
- D. Select the option to add a desktop shortcut and the location in which the Start Menu shortcut will be created, or make no changes to select the default locations. Click **Next** when the locations are suitable.
- E. Click **Start** on the next screen to install the application.
- F. Click **Finish** once the installation is complete. You will also have the opportunity to register the software on-line.

9. **Prassi Zulu2 Installation:**

- A. Select the correct MX Disc Publisher model to begin the Zulu2 installation process. Verify the model against the front label of the Disc publisher. Or check the number of drives; click the **Install Zulu2 for the MX-1 Disc Publisher** button if your MX Disc Publisher has only one drive, or click the **Install Zulu2 for the MX-2 Disc Publisher** button if your MX Disc Publisher has two drives.

- B. After the installation process completes, click **Finish** without removing the check from the **Reboot Computer** box. The computer will need to be rebooted for the software to operate correctly.

If you choose not to reboot at this time, remove the check from the **Reboot Computer** box and click **Finish**. Remember, the computer must be rebooted prior to running the MX Disc Publisher, Zulu2, or SureThing.

Installation of the MX Disc Publisher is complete. After rebooting, the robotics configured prior to burning and printing disks. Please see the MX Disc Publisher Configuration Quick Reference Guide on the other side of this page, or refer to the appropriate sections of the User's Manual.

Installation Troubleshooting Guide:

Hardware not installing on PC	<ol style="list-style-type: none"> 1. Turn on power to MX Disc Publisher (back panel) 2. Reseat USB connection 3. Installation CD in drive?
Printer not responding	<ol style="list-style-type: none"> 1. Ink cartridges installed correctly? 2. Turn on power to Printer (front panel). Press the power button and wait several seconds for the printer power LED to come on.
Drive not appearing in Windows Explorer	<ol style="list-style-type: none"> 1. PC needs to be rebooted 2. Mapped drive conflict: Disconnect MX Disc Publisher and reboot PC. Disconnect Network drives and remap to letters near end of alphabet. Reconnect MX Disc Publisher.

In order to guarantee quality results from the MX Disc Publisher,

**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 MX Disc Publisher will not operate with any other color ink cartridge in place.

The use of refilled ink cartridges will void your warranty!



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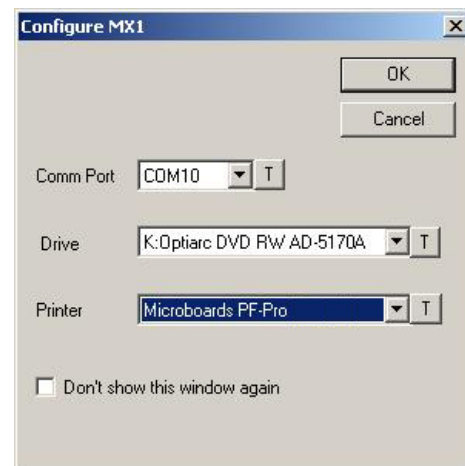
MX Disc Publisher Controller Configuration



NOTE: You must complete the hardware, driver, and software installation prior to configuring the MX Disc Publisher and aligning the printer. Please see the other side of this Guide for the Installation Quick Reference Guide, or refer to the Installation section of the User's Manual.

The MX Disc Publisher controllers will need to be configured prior to use. When launching Zulu2 for the first time, the Configuration screen will appear.

Comm Port: Select the COM port from the drop-down list that is specified by the PC as the USB Serial Port in the Windows Device Manager (see User's Manual for more information); generally, the correct port will be the largest port number listed. Verify the correct port selection by clicking the **T** button to the right of the port list. The elevator below the input hopper will lift and then drop if the correct port has been selected.



Drive: Select the drive letter from the drop-down list. Verify the correct drive selection by clicking the **T** button; the drive tray in the MX Disc Publisher should eject and then retract. The MX-2 Disc Publisher Configuration has both **Upper Drive** and **Lower Drive** selections; to use both drives, both selections must be made.

Printer: Select **Microboards PF-Pro** from the drop-down list. Once selected, click the **T** button to verify that the selection; the belts will run if the correct printer has been selected.

Once the settings are set, place a **check** in the **Don't show this window again** box. This will bypass the controller configuration when Zulu2 is started. To show the configuration screen again when Zulu2 is started, select **Utilities** from the Zulu2 **Robotics** menu and place a **check** in the **Enable Configure Dialog** box.

NOTE: If Windows reassigns drive letters for any reason, you will need to re-enable the configuration dialog and repeat the steps above before the MX Disc Publisher will function correctly!

Click the **OK** button to accept the selections and open Zulu2.

For more information on the configuration of the MX Disc Publisher Controller, please refer to the Configuration section of the User's Manual.

Printer Alignment

Your MX Disc Publisher has been pre-aligned to .1mm precision. Variations in types of printable media surfaces may occasionally require you to make small adjustments.

To adjust the alignment, please follow the steps listed below:

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.

In Windows Vista, select the **Control Panel** from the **Start** button. Once the Control Panel opens, select **Printer** from the **Hardware and Sound** section.

In Windows 2000 or Windows XP with the Classic Start Menu layout, you will need to go to the **Settings** selection, then to the **Printers and Faxes** from the **Start** button.

In the Windows XP Start Menu layout, select **Printers and Faxes** from the **Windows Start** button.

NOTE: THE ALIGNMENT VALUES MUST BE ENTERED THROUGH THE PRINTERS AND FAXES WINDOW FOR THE SETTINGS TO BE USED IN ZULU2, NOT FROM WITHIN ANY APPLICATION!!!

2. Right click on the icon for the **Microboards PF-Pro** and select **Printing Preferences...**

3. On the **Disc/Quality** tab, select **Photo** for the **Print Mode** and **Best** for the **Print Quality**.

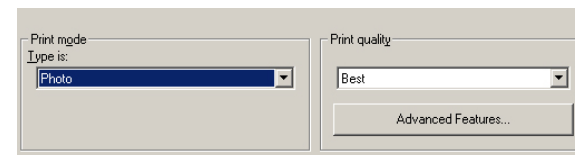
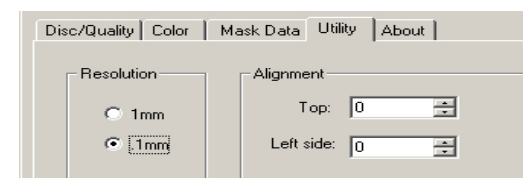


Photo Best should *always* be selected when aligning the printer, in order to insure the greatest accuracy during the alignment process. Other settings may not result in the best alignment.

4. Select the **Utilities** tab. The **.1mm Resolution** setting must be selected before setting alignment values, as shown to the right. Set the **Top** and **Left Side** alignment values to the desired 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 MX Disc Publisher 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

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.

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The use of refilled ink cartridges will void your warranty!