

MX Disc Publisher Quick Reference Guide

for Mac OS X

For a more in-depth look at the installation and configuration process, please refer to the appropriate sections 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!



MX Disc Publisher Installation

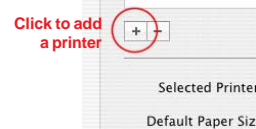
1. Unpack the MX Disc Publisher and place it in the selected workspace. This space should have enough vertical space to allow for easy loading of media into the input hopper and have enough room behind the MX Disc Publisher to allow the unloading of any rejected discs.
2. Insert the MX Disc Publisher Installation disk into the CD/DVD ROM drive on your Mac. Open the drive after the drive mount appears on the desktop.
3. Copy the **DiscLabel** file from the disc to any location on your Mac if you will be using DiscLabel to design your print images.
4. Double-click the **Microboards Publisher.mpkg** icon. Follow the on-screen instructions, read and agree to the end user license agreement.
5. When prompted, enter your administrator password.
6. When prompted, click **Install**. Once the installation has completed, click **Restart**.
7. Install all four ink cartridges and both printheads.
8. Plug in the AC power cord to the back of the MX Disc Publisher.
9. Connect the square shaped end of the USB cable to the back of the MX Disc Publisher.
10. Connect the flat end of the USB cable into a USB 2.0 port in your Mac.
11. Turn on the MX Disc Publisher.

Adding the MX Printer

Click the **System Preferences** icon in the Dock.

2. Select **Print & Fax**. If the **PF-Pro** printer has not been added automatically, then click the **Add** or **+** button to add a printer.
3. Select **PF-Pro** from the list and click the **Add** button.
4. Once the **PF-Pro** series Printer has been added, it will appear in the available printers list.

Installation of the MX Disc Publisher is complete.



PrintWrite for Mac for Microboards Publishers

The MX Disc Publisher robotics will be automatically recognized by PrintWrite. When the application is launched, the MX will be cycled through it's initialization sequence.

Having more than one Microboards Disc Publisher connected to the Mac is not supported.

If you need to check the robotics after the initialization is complete, select the **Test Robotics** option in the **Utilities** menu. The drive will open, the singulator will cycle, and the media elevator will lift and lower.

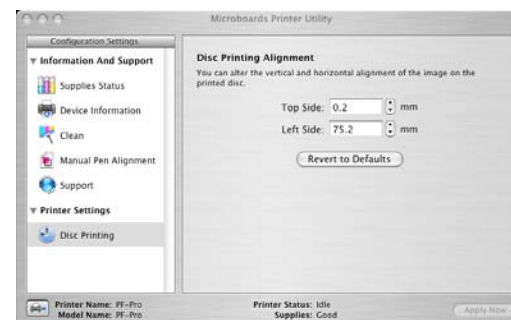
Please see the PrintWrite for Mac manual for more information on using PrintWrite.

Printer Alignment

Verify the printer alignment the first time you use the Publisher. You may need to align your printer before the printed images will be centered on the media. Changing the brand or type of media you are using may also require small alignment adjustments.

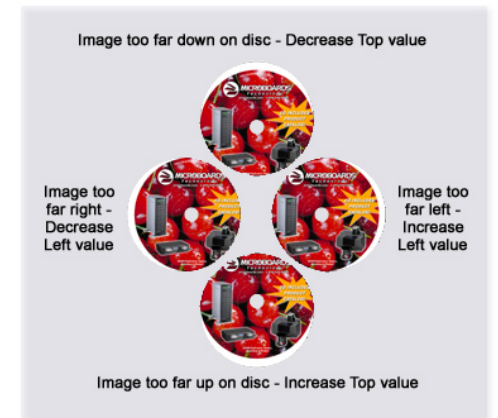
To align the printer, please follow the steps listed below:

1. Install the drivers and PrintWrite, then add the PF-Pro Printer as detailed in the **Adding the MX Printer** section to the left, or in the Installation section of the **User's Manual**.
2. Click the **System Preferences** icon in the Dock.
3. Select **Print & Fax** from the options in the System Preferences.
4. Highlight the **PF-Pro** printer and click the **Utility** button to open the Microboards Printer Utility.
5. Select **Disc Printing**.
6. Set the **Top** and **Left Side** alignment values to the necessary values.



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, while increasing the values will adjust down or to the right.

7. Click the **Apply Now** button to save the changes, found on the bottom of the Microboards Toolbox window. Do not close the Toolbox until the printer is aligned.
8. Place a blank disc into the input hopper. Select a **Print Only** job in PrintWrite and print an image that will fill the print surface.
9. Check the printed disc. If the settings are correct, the image should be centered on the disc. If not, **repeat steps 6 through 9**, changing the **Top** and **Left Side** amounts as shown in the graphic to the right.
10. Fine tuning may be required for different brands of media or different printing applications to provide full surface coverage. Variations in types of printable media surfaces may also require you to make small adjustments.



For further details on these processes, please refer to the appropriate sections of the MX Disc Publisher User's Manual.

Installation Troubleshooting Guide

Hardware not installing	<ol style="list-style-type: none">1. Turn on power to MX Disc Publisher (back panel)2. Reseat USB connection3. Installation completed?
Printer not responding	<ol style="list-style-type: none">1. Has the MX Printer been added?2. Turn on power to Printer (front panel). Firmly press the power button and wait several seconds for the printer power LED to come on.

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!



MX Disc Publisher and DiscLabel Labeling Software

for Mac OS X

The Microboards MX Disc Publisher Installation disc includes a copy of DiscLabel Limited from Smile Software for use in designing and printing disc labels on your MX Disc Publisher. The DiscLabel application is full-featured for printing discs on the MX Disc Publisher. Advanced features such as printing jewel case inserts or disc labels on equipment other than a Microboards Disc Printer can be added with an upgrade to the Full version, available from Smile Software.

To upgrade to the Full version, visit Smile Software's website, smilesoftware.com. Click the link to DiscLabel for information on pricing and to purchase the upgrade.

Installing DiscLabel

Simply copy the DiscLabel file on your Microboards Disc Publisher installation disc to any location on your Mac. No installation is needed.

Running DiscLabel

The Limited application will give you the option of purchasing the Full version or continuing to use the Limited each time the application is started. If you choose to upgrade to the Full version, you will be provided with a Serial Number from Smile Software that will only need to be entered one time.

Once the Design window opens, you can create your own disc labels using Smile Software's pre-designed templates (requires an internet connection) or by creating a new blank design and building a disc label using your own image files.

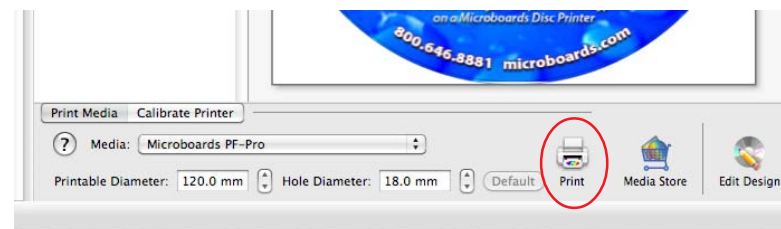
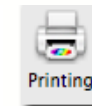
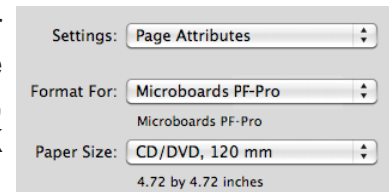
Use the Help menu in DiscLabel for more information on creating your disc labels.



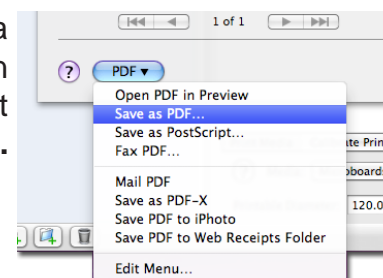
Using your Disc Label with PrintWrite for Mac

To use your disc label from PrintWrite for Mac, you will need to save the disc label as a PDF file. Follow these steps:

1. Check the **Page Setup** settings under the **File** menu. Be sure the **Microboards PF-Pro** and **CD/DVD, 120 mm** are selected. Click **OK** when these settings are correct.
2. Next, click the **Printing** button in the lower right corner.
3. Select **Microboards PF-Pro** from the list of Microboards printers in the **Media** drop-down list.
4. Verify the **Printable** and **Hub Diameters**. It is recommended that the Hub Diameter setting be left at the default, the image will be masked based on the diameter settings that are specified in the printer itself.



5. Click the **Print** button when you are ready to make the final print settings before printing your disc label.
6. Select the **Microboards PF-Pro** printer, then select **Disc Printing** to verify the **Printable Area Diameters**; use the settings for the diameters that are appropriate to the media type you are using.
7. The last step is to save the label as a PDF file. Click the **PDF** button in the lower left corner of the Print window and select **Save as PDF...** from the drop-down menu.



8. Choose the location and the name of the file to be saved and click the **Save** button.

Once the file is saved in PDF format, you can select the file as a printable image from within PrintWrite for Mac.

The PDF file can be used for printing to any Microboards MX Disc Publisher on other Macs on which Smile Software's DiscLabel application is not installed.

Printing Directly from DiscLabel

To print your disc labels directly from DiscLabel to a Microboards Disc Publisher as a "Print Only" operation, follow the same process as when saving the label as a PDF through Step 7.

Instead of clicking the **PDF** button, click the **Print** button when your settings are all correct.

Saving the Disc Label

If you want to save the disc label design for future use in DiscLabel, select **Save** from the **File** menu. This will save the current label design using the name that is highlighted in the left panel. Clicking any of the listed label designs in the left panel will open that design.

Exporting the Label as an Image File

Smile Software's DiscLabel application allows you to export your label design as an image file in such formats as a .tif, .jpg, .png, and bitmap, but you will need to purchase the upgrade from the Limited version to the Full version from Smile Software before you can do so.

Once you have upgraded to the Full version, you will be able to print your disc label to your MX Disc Publisher from these image files using any application capable of opening them.

Note on DiscLabel's Auto Update

Do not use the Auto Update feature unless you have upgraded to the Full version of DiscLabel!

If the Auto Update is run with the provided Limited version, the generic Demo version will be installed, which will super-impose a **Demo** label on all printed or pdf output.