



MICROBOARDS[®]
Technology

GX-2 Disc Publisher

For Microsoft Windows[®] 7, Vista, and XP



Users Manual

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Any unauthorized modification to this equipment may result in the revocation by the FCC of the user's authority to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and antenna
- Connect the equipment into an outlet on a circuit different than that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help



This product is in conformity with the EMC Directive (89/336/EEC) through compliance with the following European standards: EN 55022, EN 55024. The CE mark has been affixed in accordance with the CE Marking Directive 93/68/EEC.

Canadian Department of Communications (DOC) Statement

This Class B digital apparatus complies with the Canadian ICES-003 Issue 4:2004. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Introduction

The Microboards GX-2 Disc Publisher is a single drive, 50 disc, print and record system. The GX-2 combines industrial strength printing and recording into a single, easy to use duplicator. The system includes one high speed DVD recorder. Microboards and HP co-developed the printer technology, allowing up to 4800 x 1200 dpi printing. The Microboards PrintWrite software is a dynamic interface for both beginners and power users. Easily record DVD Video, DVD data, Audio CD's, Data CD's, Video CD's and much more.

Other features include:

- Asynchronous print and record function
- Creation of audio CD's from MP3, wma or wave files
- Full support for CD Text, Pre-Gap, UPC and ISRC
- Batch mode, allowing multiple masters to be used at a time
- Integrated print function with prn or SureThing print files, including merge data

What's Included

When unpacking your GX-2 Disc Publisher system, the following items should be included:

- GX-2 Disc Publisher print and record system
- GX-2 Disc Publisher Quick Start Guide
- GX-2 Unpack Guide
- Print Sample
- Power Cord
- Blank Printable CD's
- Users Manual (This document)
- Microboards Disc Publisher Install CD (Includes Windows XP/Vista/7 drivers, Disc Publishing software, and SureThing Label software)
- Microboards GX-300HC Color Ink cartridge (14ml)
- USB Printer Cable
- Input Bin rods (already installed)
- 50 disc output assembly

If any of these items are missing, please contact your distributor or Microboards Technology Technical Support department at 952-556-1639.

The GX-2 Disc Publisher installation disc includes an Installer that will walk you through the process step by step. Please perform the installation in order as specified in the Installer before connecting to a computer.

System Requirements

The Microboards GX-2 Disc Publisher has the following minimum requirements and compatibilities:

Operating System

Microsoft Windows XP with SP2, Windows Vista, or Windows 7. 32- and 64-bit Operating Systems.

Processor

Pentium 4 (or equivalent) CPU, running at 2.0 GHz or faster.

System Memory

Minimum 1 GMB of system memory. More memory is suggested for DVD recording operation.

Hard Drive Space

About 140MB of free space is required on the system hard drive for the applications and drivers. For storing disc images, temporary space is needed for the full disc dimension. That could be up to about 800MB for CD or about 5 GB for DVD.

A separate internal 7200 RPM hard drive is recommended for storing your data. Using the same hard drive as the operating system can cause the system to perform slowly.

USB Connection

USB 2.0 is required. USB 1.1 is not supported, as using USB 1.1 will result in significantly longer recording times and the potential for recording failures.

Assembly and Installation

Assembly Instructions

GX-2 Disc Publisher Assembly

Remove the GX-2 Disc Publisher system from the shipping box and confirm you received all of the items.

Place the GX-2 Disc Publisher on a stable, flat surface. You will need room both in front and to the left of the system, as discs will be accessed from both locations.

The input bin posts are pre-installed, with the wide post to the front.

The Reject Bin is pre-installed on the left side of the GX-2 Disc Publisher. This bin, which slides out, should be emptied when you know discs have been rejected.

Slide the 50-disc Output Bin into the channel between the feet at the front of the GX-2 Disc Publisher, shown below.



Installing Ink Cartridges

Supported Ink Cartridges

The GX-2 Disc Publisher uses a single color ink cartridge. The part number for this cartridge is GX-300HC. If other cartridges are installed, the GX-2 Disc Publisher will not function. These cartridges are available from any Microboards reseller.

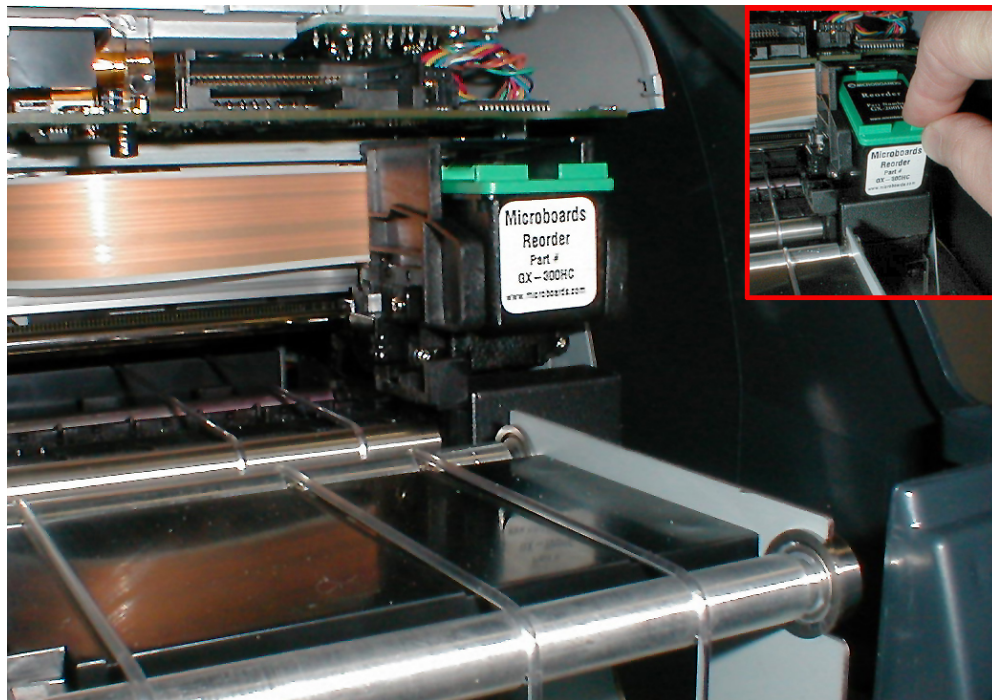
Refill kits or non-Microboards ink cartridges are not recommended for use in the GX-2 Disc Publisher system. Use of these types of cartridges will cause the printer to fail. Use of these types of cartridges will void the warranty.

Loading / Replacing Ink Cartridges

Cartridges can be changed while the GX-2 Disc Publisher is on, but it should never be turned on without an ink cartridge in place.

The GX-2 Disc Publisher system ships with one **Microboards GX-300HC** color ink cartridge.

- Remove the front cover. The print cartridge cradle will be on the right side of the GX-2 Disc Publisher, as shown below.
- Tilt the old cartridge forward to release the cartridge from the cradle, as shown in the inset below.
- Lift the old cartridge out of the cradle.
- Remove the new print cartridge from its packaging and carefully remove the plastic tape. Hold the print cartridge so that the copper strip is at the bottom.
- With the front of the new ink cartridge tilted down, slide the cartridge into the cradle.
- Tilt the front of the cartridge back up to lock the ink cartridge in place.
- Replace the front cover.



The Microboards GX-300HC Ink Cartridge must be used or the printer will not function.

Loading Discs

The next step is to load your GX-2 Disc Publisher with output discs. The system will accept CD or DVD 120 mm (12 cm) inkjet printable discs. If the disc does not have an inkjet printable surface, the ink will not adhere to the surface of the disc. The GX-2 Disc Publisher will only accept 12 cm discs. Business card or 8 cm discs are not supported by this system.

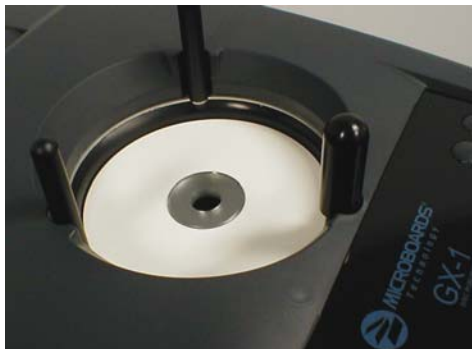


Figure 1



Figure 2

Load the first 5 or 6 discs flat, as seen in figure 1.

Load the rest of the discs at an angle, against the wide input rod, as seen in figure 2.

The GX-2 Disc Publisher will hold a maximum of 50 discs. DO NOT load more than 50 discs in the system, as this may cause the discs to feed incorrectly.

Front Panel Power Button

The AC power switch located on the back of the GX-2 Disc Publisher must be turned on first in order to supply power to the Front Panel.

The Power button on the front panel of the GX-2 Disc Publisher turns the GX-2 Disc Publisher Printer on and off. It may take a few seconds for the GX-2 Disc Publisher Printer to turn on after you press the Power button. The green light at the base of the Power button flashes when the printer is processing.



This switch does not affect power to the drive within the GX-2 Disc Publisher.

GX-2 Disc Publisher Installation

The GX-2 Disc Publisher installation disk includes an Installer that will walk you through the process step by step. Please use the Installer and follow the installation steps in order.

The following installation sections are intended only as a reference for the installation process, not as a guide to installing the GX-2 Disc Publisher. Performing the installation out of order could result in an unsuccessful installation.

The GX-2 Disc Publisher Installation Quick Reference Guide will show you the order in which the installation will occur.

Installation should always be done when logged in as a user with full Administrator rights.



Windows Component Prerequisites

During the installation process, your PC will be checked to determine if 2 required Microsoft Windows components are present. If not, these components will be installed. You cannot continue the installation without installing these necessary Microsoft Windows components.

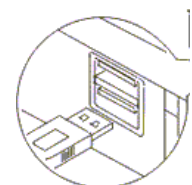
Connecting to a PC

DO NOT CONNECT YOUR GX-2 DISC PUBLISHER TO A COMPUTER BEFORE RUNNING THE INSTALLER LOCATED ON THE INSTALLATION DISK!!

The connection between the PC and the Microboards GX-2 Disc Publisher is done with one USB cable.

1. Confirm that the power is turned OFF on the GX-2 Disc Publisher and on your PC.
2. Plug in the AC power cord to the back of the GX-2 Disc Publisher. ***Do not turn on power to the GX-2 Disc Publisher until an ink cartridge has been installed.***
3. Connect the square shaped end of the USB cable to the back of the GX-2 Disc Publisher.
4. Connect the flat, rectangular end of the USB cable into a USB 2.0 port in your PC.

USB Cable length exceeding 6 feet between the GX-2 Disc Publisher and the PC is not supported!



Windows 7 and Vista Hardware Installation

The Microboards GX-2 Installer should always be run when logged in as user with full Administrator rights. This is required for the driver pre-installation to be successful. Once the GX-2 is plugged into the PC via the USB connection, the hardware will automatically be found and installed on your PC.

During the driver pre-installation, you may need to verify that you would like to install the drivers.

If the Installer is run by a user without full Administrator rights, or you do not verify that the drivers should be installed, the hardware will need to be installed using the Hardware Wizard. Please follow the directions below.

Windows XP Hardware Installation

If you are installing the hardware while running the GX-2 Disc Publisher installer, this process will occur automatically. The Windows Found New Hardware Wizard will appear during any hardware installation when not using the Installer. Please follow all directions in the order in which they appear.

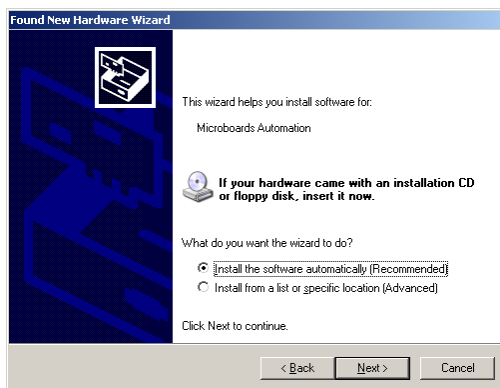
Turn on power to the GX-2 Disc Publisher and PC.

Once the GX-2 is connected, the operating system will next display the following windows if you are not running the Installer:



1. Select **No**, not this time and click **Next**.

The following screen will appear:



2. Click the **Next** button and the files will be copied from the CD.



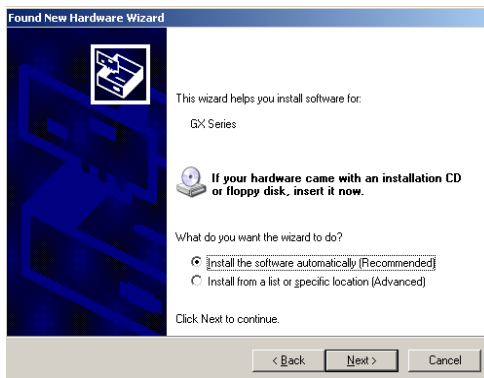
3. Click **Continue Anyway** if this message should appear.



4. Click **Finish** for the next step to appear.



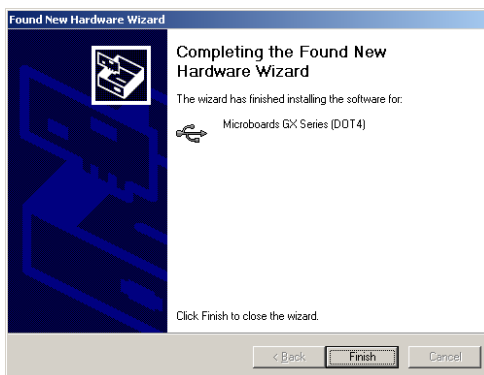
5. Select No, not this time and click **Next**.



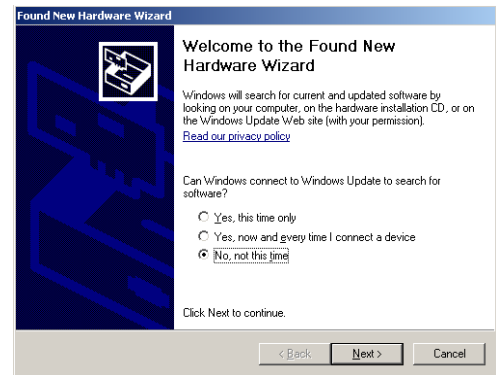
6. Click **Next**.



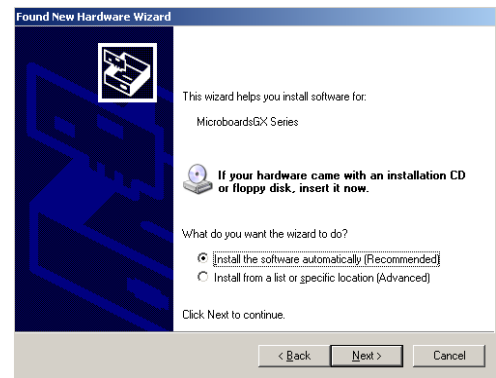
7. Click **Continue Anyway**.



8. Click **Finish** for the next screen.



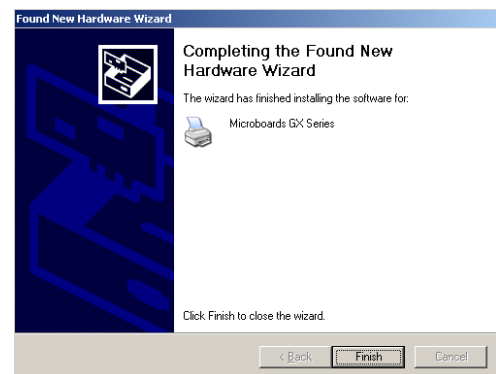
9. Select No, not this time and click **Next**.



10. Click **Next**.



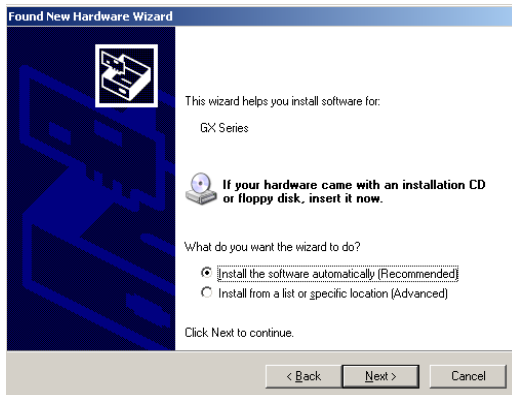
11. Click **Continue Anyway**.



12. Click **Finish** for the next screen.



13. Select No, not this time and click **Next**.



14. Click **Next**.



15. Click **Continue Anyway**.



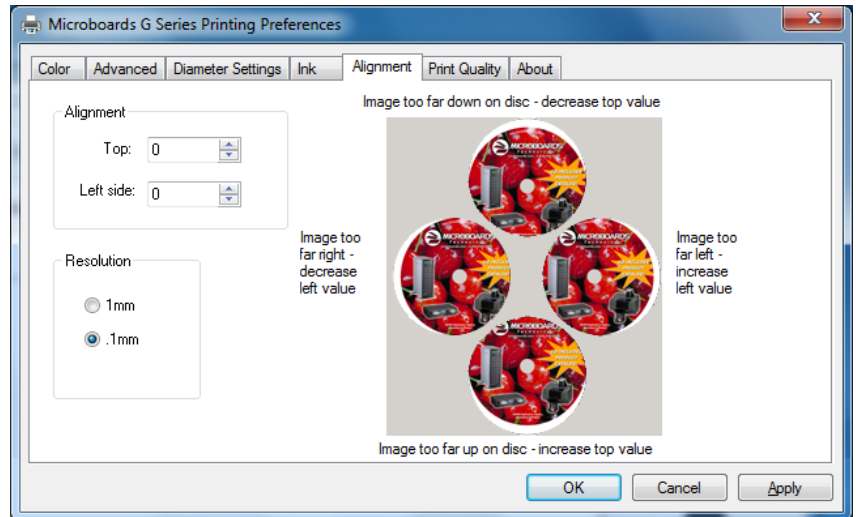
16. Click **Finish**.

Setting Printer Alignment

Alignment

The GX-2 Disc Publisher has been aligned to 0.1mm precision at the factory. You may need to fine tune the alignment settings for full surface coverage depending on the media brand and print surface type. Follow these steps if alignment modification is needed:

- Click on the **Start** Button on your Windows computer.
- Select **Settings** and then **Printers**.
- Right click the **Microboards G Series** icon.
- Select **Printing Preferences**.
- Select the **Alignment** Tab.
- Click on the **.1mm** selection in the Resolution box.
- Enter the alignment changes into the **Top** and **Left Side** boxes, using the graphic instructions on the right side as a guide to moving the print image on the disc.
- Click the **Apply** button.
- Click the **OK** button.
- Verify the alignment by printing full coverage image created in SureThing. The image should print centered on the disc. If not, adjust the **Top** and **Left Side** alignment values according to the graphic on the Alignment tab and repeat.



GX Toolbox

A shortcut to the GX Toolbox was added to your desktop during the printer installation. Double-click the icon to open the toolbox. For each of the functions, a blank disc will need to be loaded.



Print Test Disc

Load an unprinted disc in the input hopper prior to clicking this button to print a Test Disc image.

Exercise Belt

This utility should be run if the printer has been idle for an extended period of time, and can be run multiple times if necessary. The belts will run at high speed for a period of time to recondition the belts. It is not necessary to load any media for this utility.

Cleaning

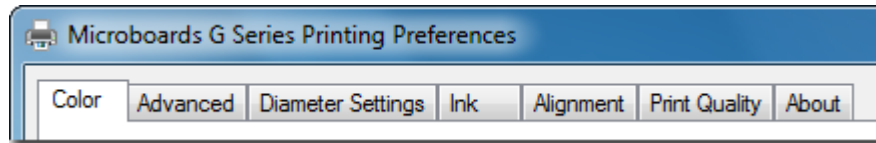
The printheads may require cleaning if the printed images show streaks of color. This may occur if the GX-2 Disc Publisher has been idle for an extended period of time.

You will need to place a disc on the belts below the input hopper prior to running the Cleaning.

Running this process more than once may be required if the quality does not improve after cleaning one time.

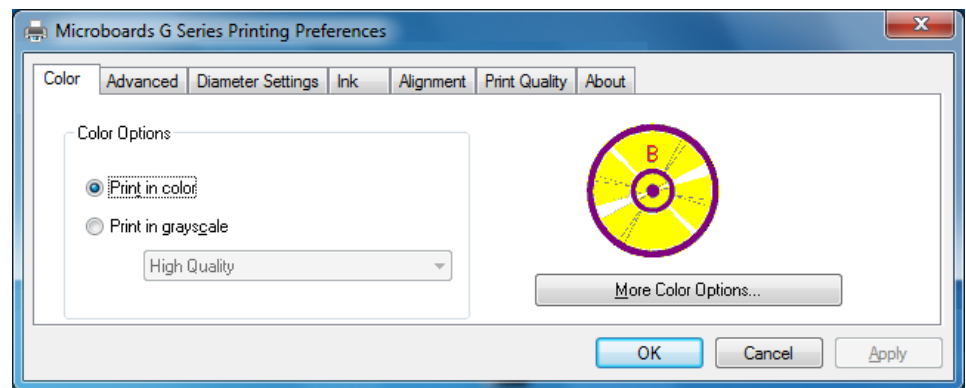
Printing Preferences

Access the Printing Preferences by clicking the **Start** Button on your Windows computer. Select **Settings** and then select **Printers**. Right click on the **Microboards G Series** icon, then select **Printing Preferences**. There are 7 tabs across the top of the window. Click each tab to see the available settings.



Color Tab

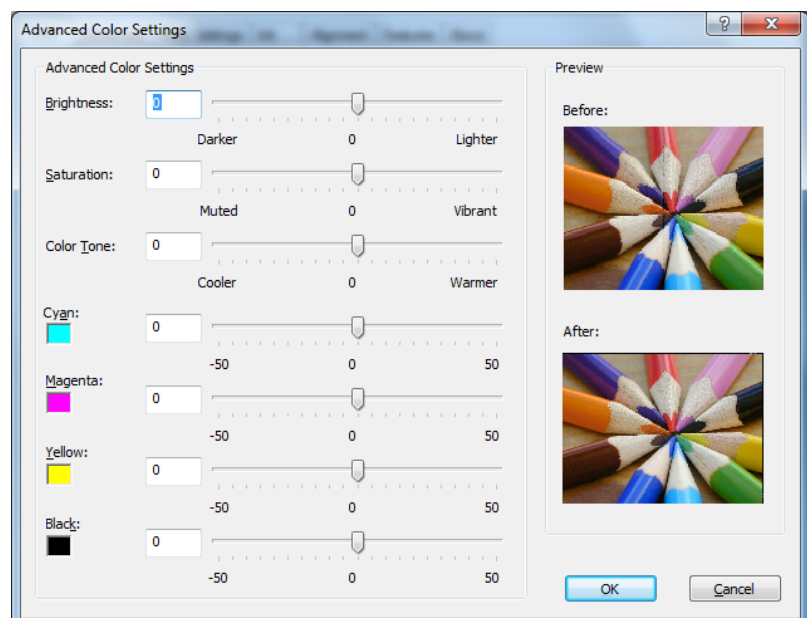
The Color Tab allows you to specify that the entire image should be printed in grayscale, or printed in sepia. You also have access to **More Color Options** from this tab.



More Color Options

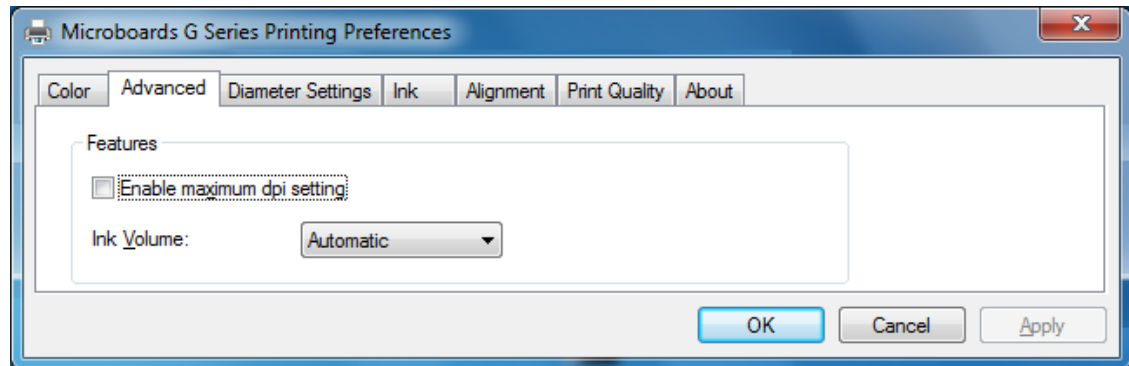
Saturation, **Brightness** and **Color Tone** allow you to fine tune your print image.

The four ink settings allow you to change the volumes used of each specific ink cartridge.



Advanced Tab

The Advanced Tab allows you to **Enable Maximum dpi setting** and adjust the amount of ink placed on the disc using the **Ink Volume** setting.

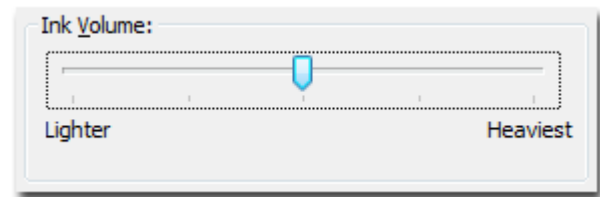


Enabling the maximum dpi will result in longer times to process your print image, reducing throughput.

To change the Ink Volume, click the drop-down box and select Change. A window will open with a setting bar for the option selected.

Changing the Ink Volume will affect how quickly you need to replace your ink cartridges, but also affects the quality of the printed output.

The default settings are the recommended settings and should be used unless absolutely necessary.



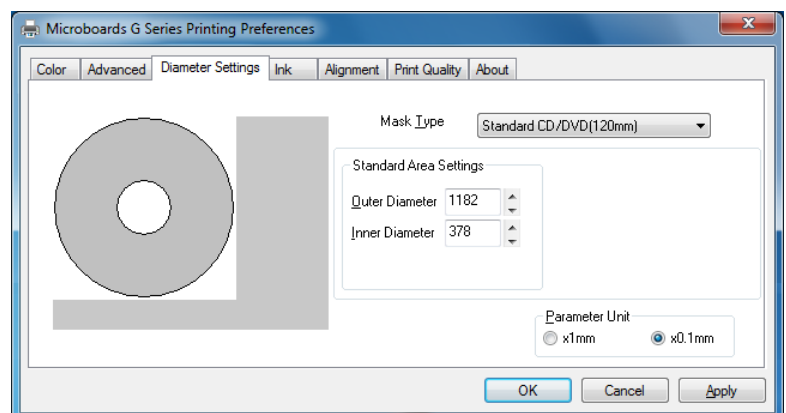
Diameter Settings Tab

The Diameter Settings tab allows you to change the size of the print image to accommodate the variety of printable surface area available on media.

The Outer and Inner **Diameters** will change the size of the area to be printed. To avoid excessive ink buildup, these values should never be set so that the GX-2 Disc Publisher is printing off the media.

The Parameter Unit should remain on the **0.1mm** setting for maximum precision.

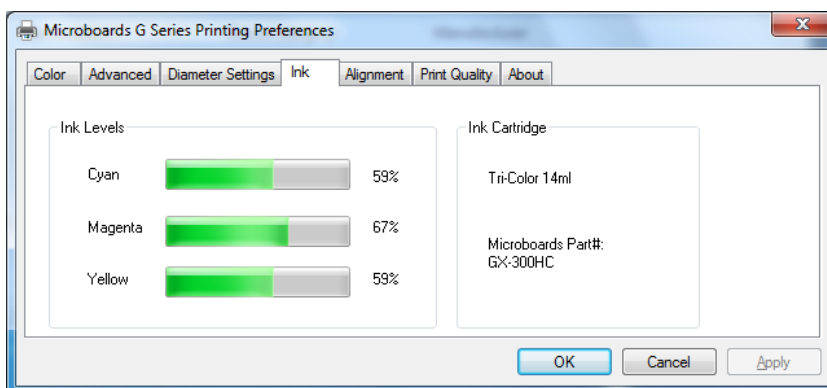
You can also select one of the preset **Mask Types** to change the diameter settings.



Ink Tab

The **Ink Levels** show how much remains of all 3 colors, Cyan, Magenta and Yellow.

NOTE: If you place a used cartridge in the GX-2 Disc Publisher, the ink level may not be reported correctly. If the GX-2 can identify the cartridge, it may report the correct ink levels; if not, it will assume that the ink cartridge is new and will show ink levels of 100%.



Before each disc is printed, the ink levels are checked. If the level of any one color has reached 10%, a warning message will be displayed on your PC and printing will be temporarily suspended. You can either change the cartridge at this point and click OK, or click OK to continue printing using the same cartridge.

If you continue with the same cartridge, printing will continue uninterrupted until the ink level reaches 5%. The low ink level warning will be displayed once more. Again, either change the cartridge or continue.

Once the ink level reaches 3% or less, the warning will be displayed before each print.

It is strongly recommended that you replace the cartridge at this point.

The **Ink Cartridge** information includes the re-order part number for the cartridge.

Alignment Tab

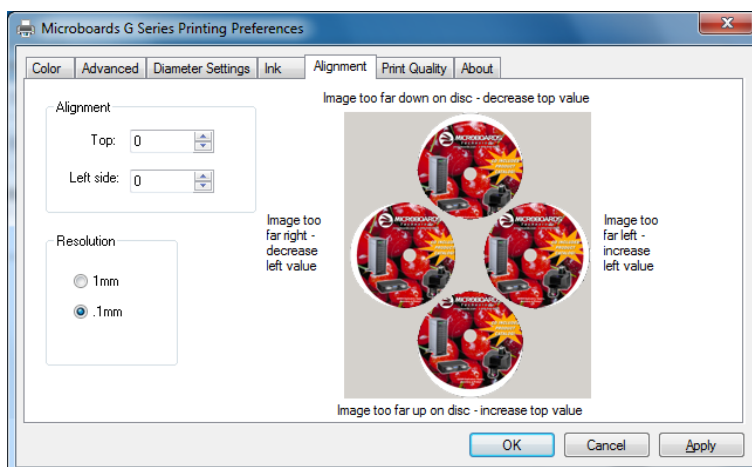
Alignment values will move the print image on the disc. Use the graphic on the right side of the tab as a guideline in how alignment values should be adjusted.

The **Resolution** setting should always be set at **.1mm** for best results.

The Outer and Inner **Diameters** will change the size of the area to be printed. To avoid excessive ink buildup, these values should never be set so that the GX-2 Disc Printer is printing off the media.

The default diameter settings are **1180** for the Outer and **360** for the Inner when the Resolution is at .1mm. For hub-printable media, the Inner diameter should be reduced.

You may need to adjust the alignment depending on the media you are using (see page 13).



Print Quality Tab

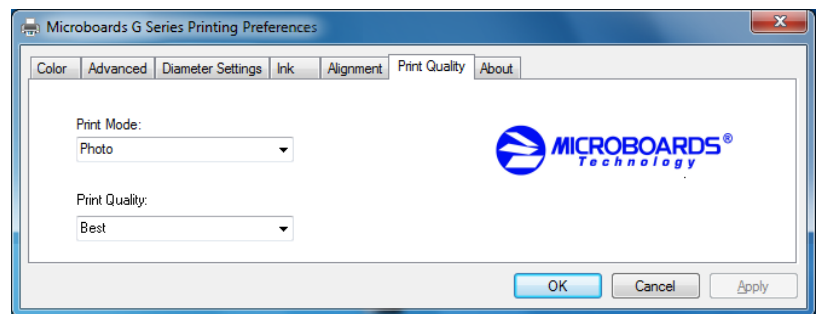
The Print Quality tab controls the print resolution.

Print Quality

- Best
- Normal

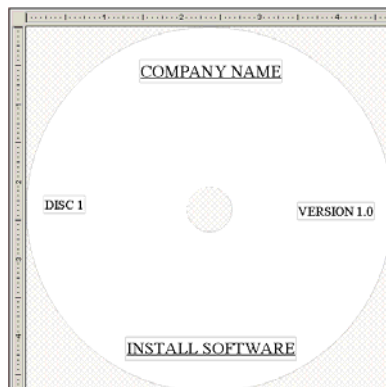
Print Modes

- Text and Graphics
- Photo



Printing Recommendations

Text and Graphics mode is used for printing mainly text information and small, simple graphics. Below are some examples for images in Fast, Normal and Best Modes:



Text and Graphics – Fast



Text and Graphics – Normal



Text and Graphics – Best

Photo Mode should be used when printing on the entire disc or when using detailed graphics. Here is an example:

*Photo – Normal, Best,
and 4800x1200 Modes*



About Tab

The About tab provides you with contact information for the worldwide Microboards offices.

The GX-2 Disc Publisher Software

Your GX-2 uses Microboards PrintWrite as the Disc Publishing software.

You can print directly from SureThing or other applications if you are only printing, but any burning must be done using PrintWrite.

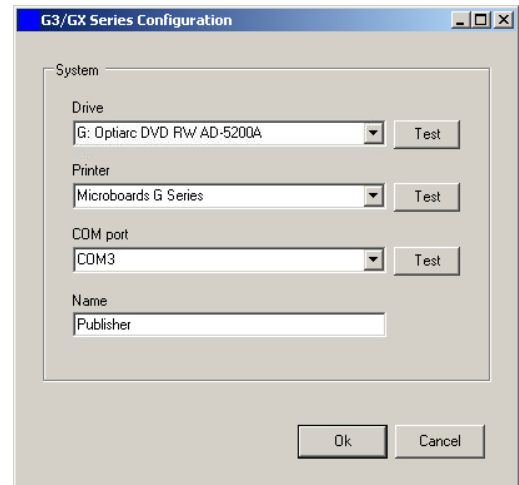
Microboards PrintWrite Configuration

The first time you launch PrintWrite, you will be asked to confirm the configuration of the GX-2 Disc Publisher system. This only needs to be done the first time the software is used, or if there is a change to your hardware.

The **Drive**, **Printer**, and **COM port** will auto-detect your hardware and enter the information. If the auto-detected hardware is not correct, use the down arrows in each listbox to select other available hardware. Use the Test buttons beside each hardware entry to verify the correct hardware has been selected.

The **Name** of the GX-2 will appear as **Publisher** by default. This can be changed to any name you wish.

Please refer to the Microboards PrintWrite User's Manual for more information on configuring and operating PrintWrite.



The Microboards Printer Toolbox

To access the Microboards Toolbox, double-click the toolbox icon located in the tool tray.



Select the Microboards G Series and click the buttons to access a particular maintenance function of the Toolbox for the selected printer.

Print Test Disc

Load an unprinted disc in the input hopper prior to clicking this button to print a Test Disc image.

Exercise Belt

This utility should be run if the printer has been idle for an extended period of time, and can be run multiple times if necessary. The belts will run at high speed for a period of time to recondition the belts. It is not necessary to load any media for this utility.

Cleaning

The printheads may require cleaning if the printed images show streaks of color. This may occur if the Disc Publisher has been idle for an extended period of time.

You will need to place a disc on the belts below the input hopper prior to running the Cleaning.

Running this process more than once may be required if the quality does not improve after cleaning one time.

Using SureThing Disc Labeler

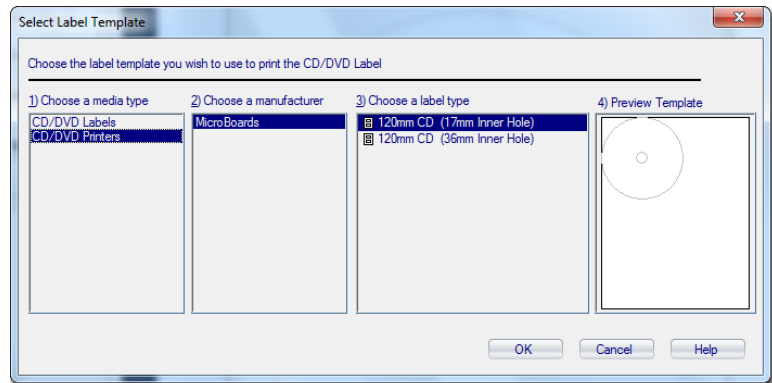
SureThing Disc Labeler is included with the GX Disc Printer and will be installed during the GX Disc Printer Installation. For more information on using SureThing, please refer to the SureThing Help menu.

Creating New Labels

Any label you create in SureThing must use the Microboards template to print correctly.

1. To create a new label, either click **New Project** in the Action window on the left, or select **New** from the **File** menu.
2. Click the **Select Label** button on the lower left corner of the dialog that opens to view the available label templates if the dialog that opens does not appear as shown below.
3. Highlight **CD/DVD Printers** in the Media Type column.
4. Highlight **Microboards** in the Manufacturer column.
5. Select from the options listed in the Label Type column.

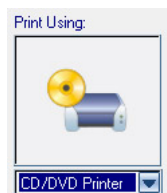
We recommend that you use the 17mm inner hole template to ensure that your image will fully cover the printable surface on both hub printable and non-hub printable media.



6. Click **OK** to begin designing the label.

Printing Labels

Select **Print** from the File menu while the label you want to print is open. Be sure that you have selected the Microboards GX Series and that **CD/DVD Printer** is selected in the Print Using field before clicking the **Print** button.



If you are printing more than one copy of a label, enter in the number you wish to print before clicking the **Print** button. After each disc is printed, there will be a 5-second delay to allow for time to load another disc before the printer begins the print process again. If you do not load a disc within that 5-second delay, do not be concerned; after the GX Disc Printer fails to detect a disc, load the next disc into the Input Bin and click the **OK** button on the top of the GX Disc Printer to continue.

Printing Labels

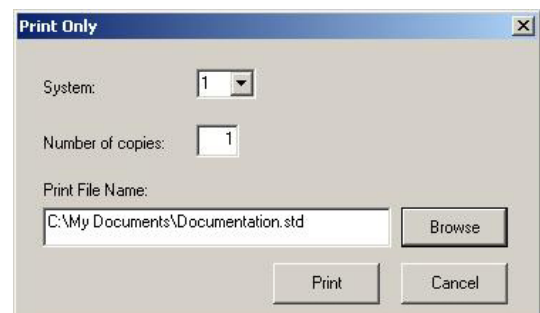
In order for the robotics of the GX-2 Disc Publisher to load media, you must print from within either PrintWrite or Zulu2. Attempting to print from any other application will cause the loading of the media to fail.

Also, you can only print SureThing files or .prn files that have been created specifically for the GX-2.

When printing from PrintWrite, start a **Print Only** project. Follow the steps listed in the PrintWrite User's Manual for the Print Only project.

For printing discs using Zulu2, select **Print Only** from the **Robotics** menu.

The **System** cannot be changed. Enter the **Number of copies** you wish to print. Click the **Browse** button to locate the SureThing file you wish to print. Double-click the file once it is located.



Once the file has been selected, the **Print** button will be enabled. Load enough media for the number of copies you selected and click the **Print** button to begin printing.

The **Cancel** button will bring you back to the Zulu2 main window without printing.

Manual Software Re-Installation

The information in this section will only apply to a manual re-installation of the individual software packages. If you have not yet installed the GX-2 Disc Publisher using the Installer, it is recommended that you do so. Installing the GX-2 Disc Publisher in an incorrect order could result in an unsuccessful installation.

Disc Publishing Software Re-Installation

PrintWrite is not supported on any PC running Windows 2000 as the Operating System.

There are 3 methods of reinstalling the Disc Publishing software should the need arise:

- A. **(Recommended)** Insert the Microboards GX-2 Disc Publisher Installation CD into the CD/DVD ROM drive on your computer and select the **Repair** option when the installer starts. Click the **Disc Publishing Software** button to reinstall. Clicking the **Install All Applications** button will reinstall the Disc Publishing software, SureThing, and the Toolbox.

Using this method of reinstallation will automatically reinstall the correct software for your Operating System.

Follow these steps once the Disc Publishing software installer launches:

- B. The Disc Publisher installers are also located on the Installation CD.
 - a. To manually reinstall PrintWrite, browse to the **Applications\PrintWrite** directory on the Installation CD and run **setup.exe** to reinstall PrintWrite manually.
- C. The PrintWrite Disc Publisher software installer was also added to your hard drive in the event that you need to reinstall but do not have access to the Installation CD. Browse to the **C:\Program Files\Microboards\GX2 Installer\ Applications** directory on your hard drive and double-click **setup.exe** to reinstall PrintWrite.

SureThing Labeler Software Re-Installation

There are 3 methods of reinstalling SureThing should the need arise:

- A. **(Recommended)** Insert the Microboards GX-2 Disc Publisher Installation CD into the CD/DVD ROM drive on your computer and select the **Repair** option when the installer starts. Click the **SureThing Disc Labeler** button to reinstall SureThing. Clicking the **Install All Applications** button will reinstall the Disc Publishing software, SureThing, and the Toolbox.

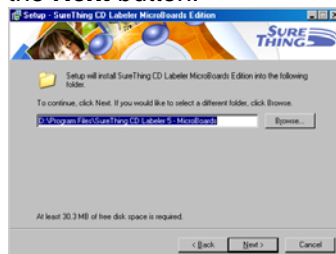
Follow these steps once the SureThing installer launches:



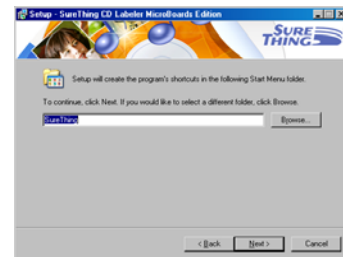
1. Click **Next** to continue.



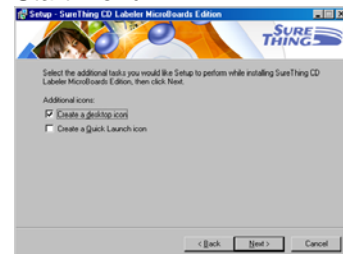
2. Once the User License screen appears, select **I Accept** and click the **Next** button.



3. If you wish to change the default Install directory, it can be done here. Click **Next** when completed.



4. Click **Next** to add a shortcut in the Start Menu.



5. Choose to add an icon to your desktop and/or a folder in the Start Menu. Once selected, click **Next**.
6. Click **Install** to begin copying the files.



7. Remove the check to launch SureThing at this time, then click **Finish**.

- B. Alternately, you can open the **Applications** directory on the Installation CD and run **SureThing.exe** to install SureThing manually. Follow the on-screen instructions as shown in steps 1-7 above.

- C. The SureThing installer was also added to your hard drive in the event that you need to reinstall but do not have access to the Installation CD. Run **SureThing.exe** in the **C:\Program Files\Microboards\GX2 Installer\Applications** directory on your hard drive. Follow the on-screen instructions as shown in the steps above.

Troubleshooting

Printer not printing:

1. Confirm the GX-2 Disc Publisher is plugged into a power source and is turned on. The ON/OFF switch is located at the back of the unit, above the power cable connector.
2. Confirm the green light on the power button is lit on the front panel. If AC power is on and the green light is off, press the power button firmly and wait for several seconds. If the light still does not come on, contact Microboards Technical Support.
3. Confirm the GX-2 Disc Publisher is connected to the computer, with a USB cable. This can be checked by clicking on Start, going to Settings and selecting Printers. Confirm the printer is listed and is active. If the icon is not active, make sure the Use Printer Offline is not selected. Also check to make sure the correct printer port is selected.
4. Confirm that the **Microboards GX-300HC Ink Cartridge** is being used. The GX-2 Disc Publisher will not function with any other cartridge!



Disk Loading error:

1. If a disc is not loaded correctly, an error message will be displayed on your PC. Check to see if there are any discs on the belt. Remove any discs that are left on the belt.
2. Lift the cover and check for any discs on the front deck of the GX-2 Disc Publisher. Remove any discs found on the belts. Close the cover.
3. Next, reload the input bin and click the OK button on the error message to continue. The system will load the next disc and continue printing the remaining discs for that job.

Low Ink indication:

Before each disc is printed, the ink levels are checked. If the level of any one color has reached 10%, a warning message will be displayed on your PC and printing will be temporarily suspended. You can either change the cartridge at this point and click OK, or click OK to continue printing using the same cartridge.

If you continue with the same cartridge, printing will continue uninterrupted until the ink level reaches 5%. The low ink level warning will be displayed once more. Again, either change the cartridge or continue.

Once the ink level reaches 3% or less, the warning will be displayed before each print.

It is strongly recommended that you replace the cartridge at this point.

If you notice poor ink quality or a missing color in your prints at any time, replace the ink cartridge.

Discs not loading when printing from SureThing

SureThing does not have the capability of controlling the robotics in the GX-2 Disc Publisher, and should only be used for label designing. All printing must be done using the Print Only function in PrintWrite.

Printing Specifications

Print Speed:

Depends upon percentage of coverage and print mode selected:

Photo Normal Mode: Approx. 45 seconds for 100% full-color coverage

Text & Graphics Best Mode: Approx. 20 seconds for 100% full-color coverage

Text & Graphics Normal Mode: Approx. 12 seconds for 20% coverage

Ink Cartridge Types:

Microboards GX-300HC

Media Types:

Printable-surface 120mm CD-R or DVD-R

Label Editing Software:

SureThing™ First Edition Software for Windows included

Maximum Print Width:

4.72" (120mm)

Power Supply:

Auto Detect AC Power:

90VAC – 240VAC, 47Hz – 63Hz

Warranty:

One Year Limited Warranty

Print Technology:

HP Thermal Inkjet

Print Quality, Black: 600 x 600 dpi, with HP PhotoREt

Print Quality, Color: up to 4800 x 1200 optimized dpi, with HP PhotoREt

Color Technology: HP PhotoREt

Memory:

64MB

Connectivity:

USB 2.0 required

Technical Support

For technical questions or support issues, contact Microboards Technology technical support:

United States

PH: 952-556-1639

FAX: 952-556-1628

support@microboards.com

www.microboards.com

Europe

PH: +44 (0) 845 230 7800

www.microboards.co.uk

Japan

PH: 03-3561-2266

www.microboards.co.jp

Please have the Model and Serial Number of your GX-2 Disc Publisher available when contacting Technical Support.