

R I M A G E[®]

Rimage Catalyst™ User Guide
6000 and 6000N



Rimage Corporation

7725 Washington Avenue South
Minneapolis, Minnesota 55439 USA

Toll Free +1.800.445.8288

Fax: +1.952.944.7808

Service:

US: +1.800.553.8312, Option 2

International: +1.952.946.0004, Option 2

Rimage Europe GmbH

Albert-Einstein-Strasse 26
63128 Dietzenbach, GERMANY

Tel +49.0.6074.8521.0

Rimage Japan Co., Ltd.

2F., WIND Bldg.
7-4-8 Roppongi Minato-ku
Tokyo 106-0032 JAPAN

Tel +81.3.5771.7181

Rimage Taiwan

10F., No. 252, Sec.1,
Neihu Rd. Neihu Dist.,
Taipei City, 11493, TAIWAN

Tel +866.2.7720.0567

**Rimage Information Technology
(Shanghai) Co., Ltd.**

10B & 10C, World Plaza,
855 South Pudong Road
Shanghai, 200120 CHINA

Tel +86.21.5887.8906

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The most recent version of this document can be found at www.rimage.com/support.

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Introduction

This manual provides the information needed to configure, operate, and maintain the Rimage Catalyst™ 6000 and 6000N. The terms ‘system’ and ‘autoloader’ may be used throughout this manual to refer to the Catalyst products. The term printer refers to either the Everest 600 or Prism III printer.

For information specific to the Catalyst systems refer to the *Rimage Catalyst User Guide* found at www.rimage.com/support.

Important! Your Catalyst system may not look exactly like the model featured in this user guide.

About this User Guide


- While we try to maintain all versions of our manuals and documentations, please note that the English version found on our web site always contains the most up-to-date information.
- Unless otherwise indicated, all Windows navigation statements are Windows 7 paths. Other Windows operating system navigation may differ slightly.
- These notes and symbols are used throughout the manual to help clarify information:


Note: A Note provides supplemental information or information that may apply only in special cases. For example, memory limitations, equipment configurations, or details that apply to specific versions of a program would be included in a Note.

Tip: A Tip suggests alternative methods that may not be obvious and helps you understand the benefits and capabilities of the product.

Important!

- An Important note provides information essential to the completion of a task.
 - Important supplemental information.
 - You can disregard information in a Tip and still complete a task, but do not disregard an Important note.
-

 **Caution:** A Caution indicates that failure to observe this guideline could result in loss or damage to the equipment, product, software, or data.

 **Warning!** A Warning indicates that failure to follow this guideline could result in bodily injury to personnel operating or maintaining the equipment.

About the Catalyst System

The Rimage Catalyst™ system is available with either the Everest® 600 printer or the Prism III™ printer. For information about your printer, refer to the setup and installation guide or user guide that shipped with your printer.

The Catalyst 6000N has an embedded computer (PC). The embedded PC is a network-ready computer which enables operation via other networked computers. The Catalyst 6000N can also be used without a network by directly attaching a monitor, keyboard, and mouse.

The Catalyst 6000 requires an external computer to be used. The Catalyst 6000 autoloader is not shipped with an external PC; You must provide a PC. Refer to the Catalyst specifications for minimum and optimum PC requirements for the 6000. Technical Specifications for this product can be found at www.rimage.com/support.

Unpacking and Setup Instructions

To unpack your Catalyst system, refer to the unpacking label on the autoloader box. For setup instructions, refer to the *Setup and Installation Guide* that shipped with your product.

Important Information

This section provides support contact information, and cautions and warnings, for the Catalyst system.

Technical Specifications for this product can be found at www.rimage.com/support.

Support Contact Information

| US, Canada, Latin America | |
|--|---|
| Rimage Corporation 7725 Washington Avenue South Minneapolis, MN 55439 USA Attn: Rimage Services | Email: support@rimage.com Telephone: North America: 800-553-8312 Mexico/Latin America: 952-946-0004 option 2 Fax: 952-944-7808 |
| Europe | |
| Rimage Europe GmbH Albert-Einstein-Str. 26 63128 Dietzenbach Germany | Email: support@rimage.de Telephone: +49 6074-8521-14 Fax: +49 6074-8521-100 |
| Asia/Pacific | |
| Rimage Japan Co., Ltd. 2F., WIND Bldg. 7-4-8 Roppongi Minato-ku, Tokyo 106-0032 JAPAN | Email: apsupport@rimage.co.jp Telephone: +81-3-5771-7184 Fax: +81-3-5771-7185 |
| Rimage China 10B & 10C, World Plaza, 855 South Pudong Road Shanghai, 200120 CHINA | Email: medical.sales@rimage.cn enterprise.sales@rimage.cn Telephone: +86-021-5887-8906 |
| Contact Rimage Services | |
| Website: www.rimage.com/support | |

When you contact Rimage Services, please provide:

- System serial number and software version
- Functional and technical description of the problem
- Exact error message received

Copy and record the following information from your Rimage product for future reference.

Note: Make sure you update the Serial Number anytime you receive a replacement system.

Serial Number:

Product Name:

Date of Purchase:

Learn More Online

At www.rimage.com/support, you can experience Rimage's world-class Support and Services. From this online site you can access:

- Information about the latest software and firmware updates
- Product specifications
- The latest documents
- Current firmware and driver downloads

Technical Support

Rimage offers a variety of service and support options for the Catalyst system including Next Business Day On-site Agreements, Exchange Services, and Software Subscription and Support. Please contact your Rimage Value Added Reseller or Rimage for additional information and pricing.

Important Information

Optical Disc Recording Software Disclaimer

This Product, Software, or Documentation may be designed to assist you in reproducing material in which you own the copyright or have obtained permission to copy from the copyright owner. Unless you own the copyright or have permission to copy from the copyright owner, you may be violating copyright law and be subject to payment of damages and other remedies. If you are uncertain about your rights, you should contact your legal advisor. If you are neither in possession of the copyright nor have authorization from the owner of the copyright, unauthorized copying of copyrighted material on an optical disc or any other media violates national and international legislation and can result in severe penalties.

Safety and Compliance Information

This manual and the indications on the product allow proper and safe operation. The indication marks below help protect you and other persons from injury, and equipment from damage.

Safety Precautions

To ensure safety, read these precautions and familiarize yourself with their meaning before using the equipment.

Warnings!

- *The laser beam used by the CD/DVD Recorder is a Class 1 laser. Do not attempt to open the recorder. An authorized technician should perform all service procedures.*
- *Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiant exposure.*
- *Never use any optical instrument in conjunction with this unit. To do so will greatly increase the hazard to your eyes.*

Cautions:

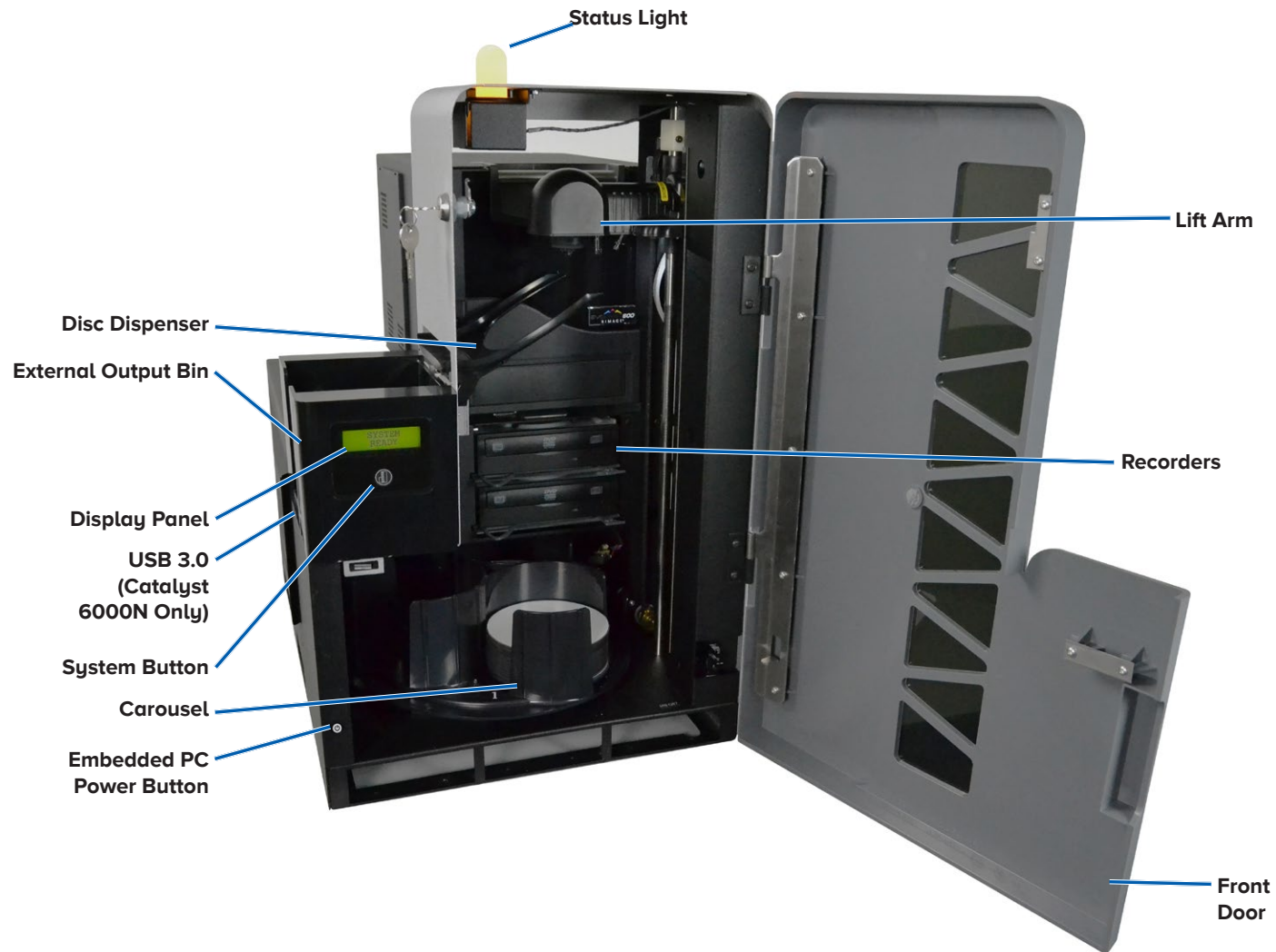
- *For continued protection against risk of fire, replace the fuse only with the same type and rating. An authorized technician should perform all service procedures.*
- *Use only the supplied AC power cord, or use a safety agency approved power cord. For applications outside North America, refer to the nearest Rimage office for assistance in selecting a locally approved power cord.*
- *This product is designed for an office environment.*
- *The Catalyst 6000N contains a lithium battery. There is a risk of explosion if the battery is replaced by an incorrect battery. Dispose of the old battery according to the manufacturer's instructions included with the battery packaging.*

Important Information

| Product | Catalyst Product | Model |
|-----------------------------|--|--------|
| | Catalyst 6000N | RAS32E |
| | Catalyst 6000 | RAS32 |
| Notice for USA | <p>NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when this equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.</p> <p>This product complies with UL 60950-1+A1+A2.</p> | |
| Notice for Canada | <p>This Class A digital apparatus complies with Canadian ICES-003 Issue 5:2012. Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.</p> <p>This product complies with CAN/CSA-C22.2 No. 60950-1-07+A1+A2.</p> | |
| Notice for Europe | <p>This product is in conformity with the EMC Directive (89/336/EEC) and the Low-Voltage Directive (73/23/EEC) through compliance with the following European standards: EN 55032: 2012 Class A Limit; EN 55024: 2010; EN61000-3-2:2014; EN61000-3-3:2013; EN60950-1:2006+A1:2010+A11:2009+A12:2011+A2:2013. The CE mark has been affixed in accordance with the CE Marking Directive 93/68/EEC.</p> | |
| Notice for Japan | <p>This is a Class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio interference may occur, in which case, the user may be required to take corrective action.</p> <p>Translation: この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。 VCCI-A</p> | |
| Notice for Australia | <p>This product complies with AS/NZS CISPR32:2013.</p> | |
| Notice for Taiwan | <p>This is class A digital device. It may cause radio-frequency interference when used in a residential area. In this case, the users are advised to take appropriate precautions.</p> <p>Translation: 這是甲類的資訊產品,在居住的環境中使用時,可能會造成射頻干擾,在這種情況下,使用者會被要求採取某些適當的對策。</p> | |

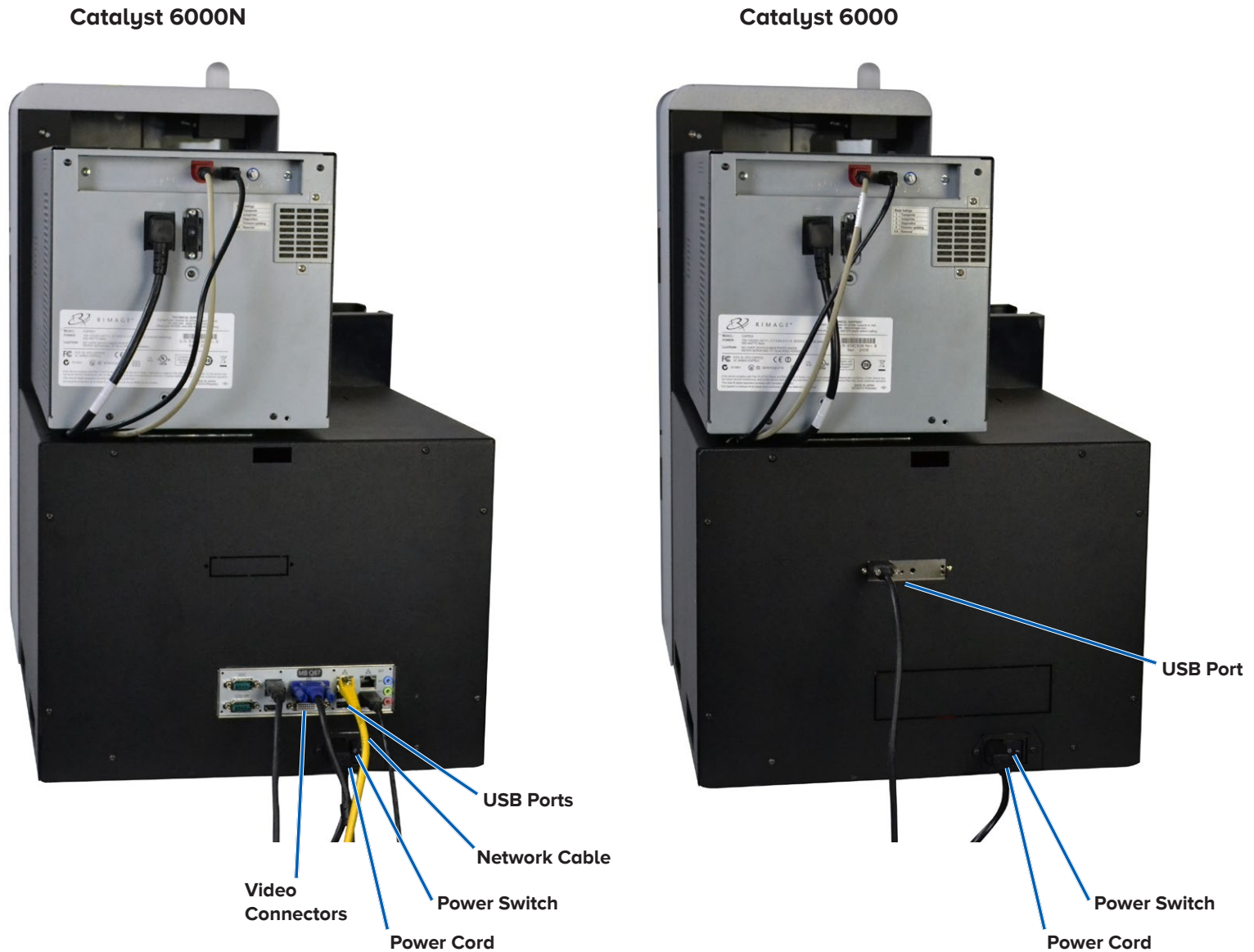
Identify the Parts of the Catalyst System

Front View



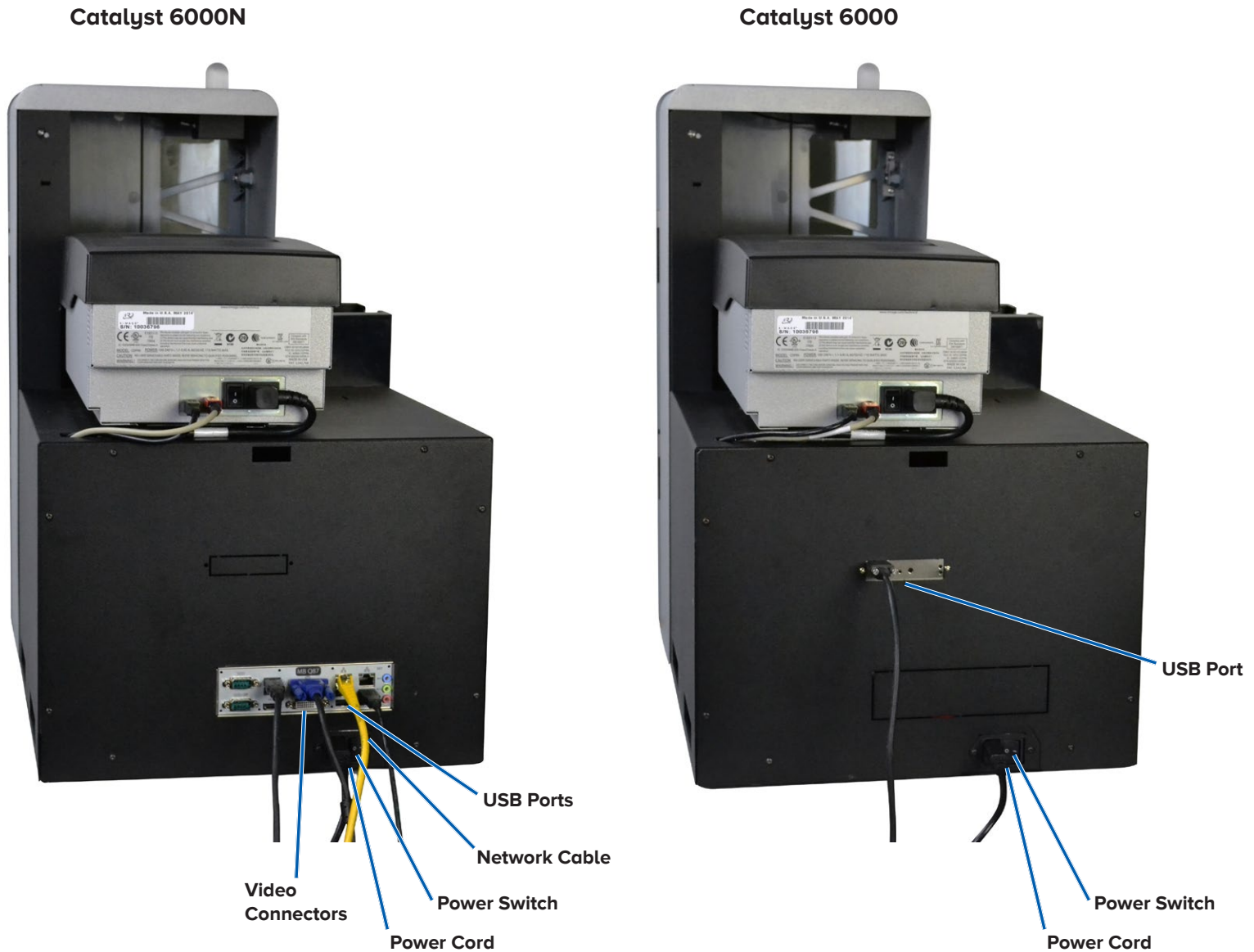
Identify the Parts of the Catalyst System

Back View with Everest® Printer



Identify the Parts of the Catalyst System

Back View with Prism™ Printer








Identify the Parts of the Catalyst System

Parts Information

DiscWatch™ Status Light

The Catalyst system is equipped with a status light that indicates various conditions. The table below illustrates status light states and explains the conditions indicated by each state.

| Light State | | System Condition |
|---|-----------------------|--|
|  | Green light on | The system is operating properly. No jobs are currently processing. |
|  | Green light blinking | The system is operating properly. Jobs are currently processing. |
|  | Yellow light on | The system is waiting for the software to start. |
|  | Yellow light blinking | The front door may be open. Close the front door to allow jobs to process. |
|  | Red light on | <p>The carousel may be out of blank discs. Fill the supply bins with the appropriate media type.</p> <p>A system error requires operator intervention. Check the client workstation or control center for a message.</p> <p>An equipment error occurred at initial start up, such as missing print ribbon. Check the client workstation or control center for a message.</p> |

Display Panel

The display Panel has a two-line display that informs you of operations or conditions that require operator intervention, including the consumable status. The two-line display includes:

Door Closed:

- Line 1: Ribbon and Bin Numbers
- Line 2: Ribbon Count and Bin Count

Door Open (Scrolling display):

- Line 1: Displays System Name / Disc Counter
- Line 2: IP Address / Discs Produced

After initialization, the Catalyst system displays the name of the embedded PC. Refer to the [Operate Gemini Utilities](#) section on page 12 for more information.

Tip: The caret symbol '^' in the upper right corner of the operator panel indicates that the Rimage software is currently communicating with the autoloader.

System Button

The system button is below the display panel. Press the system button to rotate the carousel and position a bin so that discs can be loaded or unloaded. Each time you press the system button, the carousel rotates to the next bin.

Tip: The carousel will rotate to a bin only after the software has completed initializing the autoloader.

Disc Dispenser

The disc dispenser moves discs into the external output bin.

Beeper

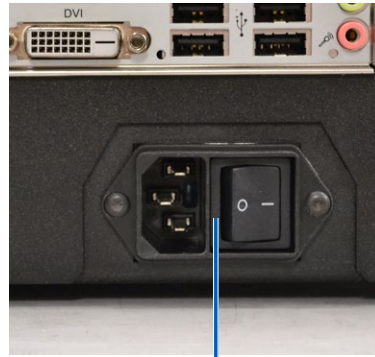
The Catalyst system has a beeper that can be enabled to sound when user intervention is required. Read the error message that displays on the display panel or on your PC monitor and take appropriate action to correct the problem. Refer to the [Enable the Beeper](#) section on page 12 for beeper setting options.

Operate the Catalyst System

This section provides you with the information needed to ready the Catalyst system to produce discs.

Power On the Catalyst System

1. Press the **power switch** on the rear of the autoloader.
 - If you have a Catalyst 6000, the system is powered on.
 - If you have a Catalyst 6000N, continue with **step 2**.
2. On the front of the autoloader, press the **PC power button** to power on the embedded PC. The autoloader and embedded PC power on.



Power Switch



PC Power Button

Power Off the Catalyst System

- If you have a Catalyst 6000
 - Close all open applications
 - Press the main power switch on the rear of the autoloader to power off the Catalyst system
 - If you have a Catalyst 6000N
 - Close all open applications
 - Shutdown from Windows Start Menu
- or-
- Briefly press and release the PC power button on the front of the Catalyst system. This shuts down the software, Windows, and the embedded PC.

⚠ Caution: Do **not** press and hold the PC power button. If you press and hold the PC power button, the embedded PC will not shut down properly. This may cause data loss or corruption.

Note: It takes approximately 30 seconds for the system to power off.

Pause the Catalyst System

1. Open the **front door** to pause operation.
2. Close the **front door** to resume operation.

Operate the Catalyst System

Load the Discs

You can load up to 50 discs in each bin. You can use the procedure below to place discs in a bin.

1. Open the **front door**.
2. Press the **system button** to rotate the carousel and place a bin in position to load discs.
3. Place up to 50 discs to be recorded and/or printed in the bin.
 - The default bin configuration for CD/DVD-based systems is:
Bin 1: CD-R
Bin 2: DVD-R
Bin 3: Output/Reject
External Output Bin: Unused
 - The default bin configuration for systems with Blu-ray recorders is:
Bin 1 = CD
Bin 2 = DVD
Bin 3 = BD
External Output Bin = Output/Reject

Important! Place the discs with the recording side facing down.

Tip: You may designate bins 1 through 3 as input, output, reject, or output/reject and specify media type through your software.

4. Repeat **steps 2 - 3** until the required bins are filled.
5. Close the **front door**.

Unload the Discs

1. Open the **front door**.
2. Press the **system button** to rotate the carousel and place a bin in position to remove discs.
3. Remove all **discs** from the bin.
4. Repeat **steps 2 - 3** until the required bins are empty.
5. Close the **front door**.

Set Your Printing Preferences

Printing preferences allow you to set up and run your Catalyst system to produce the best possible label on your discs. Refer to your printer user guide for specific printing preferences instructions.

Maintain the Catalyst System

Use the information in this section to keep your Catalyst system in optimal operating condition.

Overview

Regular preventative maintenance of your Catalyst system can help to ensure error-free recordings and clean printed labels. Maintenance involves cleaning the system.

Note: The printer has its own maintenance requirements. Refer to your printer user guide for maintenance information.

Cautionary Information

⚠ Caution: To avoid damaging the Catalyst system during maintenance:

- Never use oils, silicone, or other lubricants on any part of the Catalyst system.
- Use only non-abrasive cleaners to wipe down the surfaces of your Catalyst system.
- Never use cleaners to clean the embedded PC.
- Avoid pouring cleaners directly onto the Catalyst system. Instead, apply the cleaner to the cloth first.
- Observe precautions for electrostatic-sensitive devices whenever you access the embedded PC.

Preventative Maintenance Schedule

Note: Your system may require more frequent maintenance if used in a dusty area, such as a store or warehouse.

Before you begin:

⚠ Warning! Always power off the autoloader and unplug the power cord before you access the embedded PC.

1. Power off the **Catalyst system**.
2. Disconnect the **power cord**.

Important! Failure to follow the maintenance schedule outlined below may void your warranty.

| Task | Tool | Frequency |
|---|--|-----------|
| Wipe down the lift arm shaft. Pay close attention to: <ul style="list-style-type: none">• The area around the base of the shaft• The area just above the lift arm | Lint-free cloth | Weekly |
| Wipe down all surfaces of the autoloader including: <ul style="list-style-type: none">• Sides and top• Door• Output bin• Carousel• Base• Top surface on the lift arm | Lint-free cloth Non-abrasive, all-purpose cleaner | Weekly |
| Inspect air filter on the side of the system and replace if necessary. | N/A | Monthly |
| Inspect the openings at the back of the autoloader. Remove dust and debris if necessary. | Vacuum | Monthly |

Diagnostic Tests

Catalyst diagnostic tests are available to troubleshoot problems with your system and ensure proper operation. For more information on accessing, selecting, and performing diagnostic tests, refer to the [Catalyst Diagnostics](#) document that is available at www.rimage.com/support.

Operate Gemini Utilities

Operate Gemini Utilities

The Rimage Software Suite includes an application called Gemini Utilities, which is used to change the display name of the Catalyst system and to configure the beeper settings.

Tip: To access Gemini Utilities for the Catalyst 6000N, use the remote desktop connection from a networked PC, or connect a monitor, keyboard, and mouse to the Catalyst 6000N.

Note: Unless otherwise indicated, all Windows navigation statements are Windows 7 paths. Other Windows operating system navigation may differ slightly.

Start Gemini Utilities

1. Close all open software applications and stop all Rimage Services.

Note: Refer to your Rimage Software online help for additional information.

2. From the Windows **Start** menu select: **All Programs > Rimage > Utilities > Gemini Utilities**. Gemini Utilities opens.

Note: When the desired tasks are complete in Gemini Utilities, remember to restart the Rimage Services.

Change the Autoloader Display Name

Use Gemini Utilities to enter the name displayed on the operator panel.

1. Select the **Override Name** checkbox.
2. Clear the **Use Computer Name** checkbox.
3. In the **Display Name** field, enter the new name.
4. Select **Set Params** to set the name.
5. Select **Exit** to close Gemini Utilities.

Enable the Beeper

You can change the number of beeps that occur when the system requires user intervention, such as when out of media or in an error state.

1. In the **# of Beeps on Fault** field, select the number of beeps you wish to hear when there is an error.

Tip: To disable the beeper, set the number to zero.

2. Select **Set Params** to set the number of beeps.
3. Select **Exit** to close Gemini Utilities.