
Rimage Autostar II™ and Protégé II™ User Guide



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Support information

US, Asia/Pacific, Mexico/Latin America

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Rimage Support Website

<http://www.rimage.com/support.html> select the appropriate Product Family and then select your product.

If you cannot find a solution on our website, email Rimage Services at http://www.rimage.com/support_form.cfm.

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Rimage Europe Technical Website

<http://www.rimage.com/support.html>

Select the appropriate Support link to learn more. If you cannot find a solution on our website, email Rimage Services, Europe at support@rimage.de.


When you contact Rimage Services, please provide:

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

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Introduction

 **Note:** The term Producer II applies to both the Autostar II and the Protégé II. Autostar II and Protégé II will be used only to refer to either Producer II specifically.

This manual provides the information needed to operate the Autostar II or the Protégé II and identify the parts. To setup and install your Producer II, refer to the *Autostar II and Protégé II Setup and Installation Guide*.

The Producer II is available with either the Everest Printer or the PrismPlus Printer.



Requirements

Software requirements

The Producer II will operate only with the Rimage Producer Software.

Operating system requirements

The Producer II runs on Windows 2000 SP4, Windows XP SP1 or SP2, and Windows 2003.

Media requirements

Refer to your *Everest Printer User Guide* or *PrismPlus! Printer User Guide* for the correct media requirements.

Ribbon requirements

Refer to your *Everest Printer User Guide* or *PrismPlus! Printer User Guide* for the correct printer ribbons.

Label design requirements

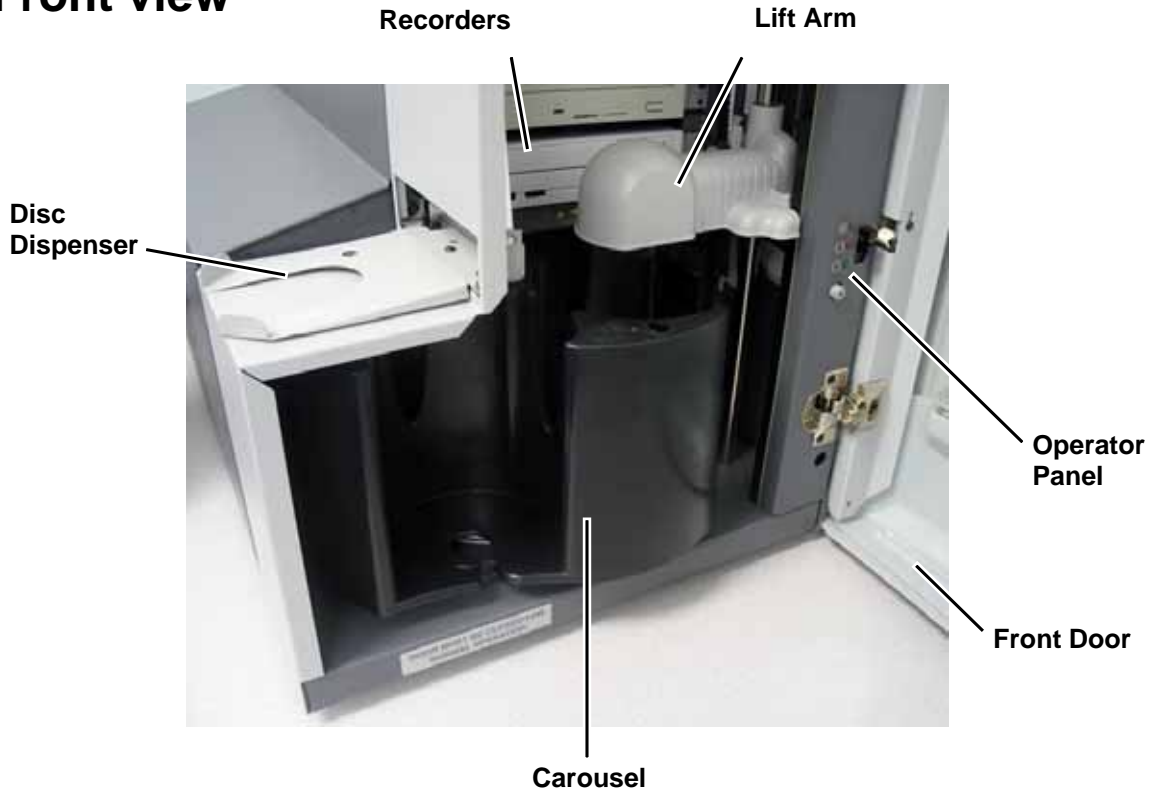
Refer to your *Everest Printer User Guide* or *PrismPlus! Printer User Guide* for label design requirements.

Networking ability

To submit orders from a networked PC, refer to the *Rimage Advanced Setup Guide*.

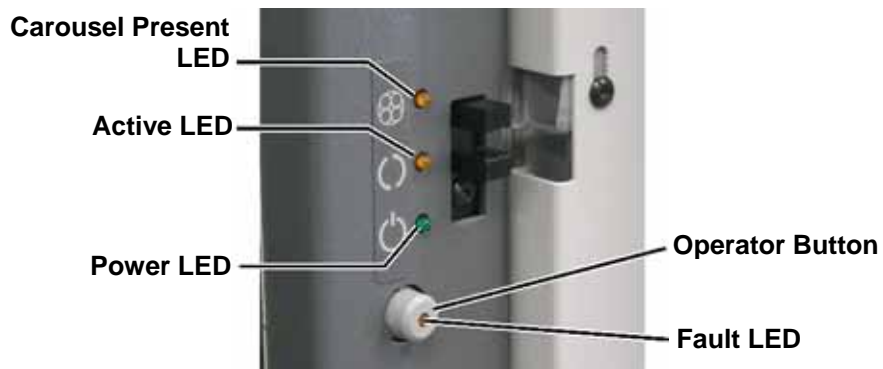
Identify the parts of the Producer II

Front view



Operator Panel

There are four LEDs and an operator button on the operator panel. The operator panel is located inside the Producer II front door.



Operator Button


Each time you press the operator button, the carousel rotates to the next bin.

 **Tip:** The carousel will rotate to a bin only after the Producer II has completed initializing.

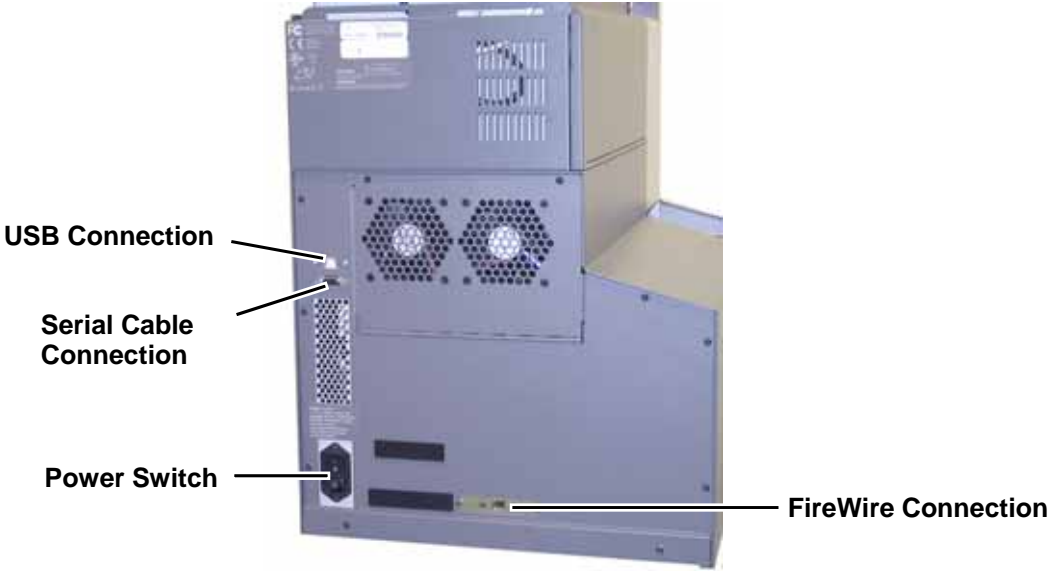
Status LEDs

The status LEDs provide the following operational information.

LED: Light-emitting diode. A type of diode that emits light when current passes through it.

	Name	Functionality
	Carousel Present	The amber Carousel Present LED illuminates when the carousel is absent. When the Producer II is paused, the Carousel Present LED flashes.
	Active	The amber Active LED illuminates when there is traffic through the control port. It flashes with the carousel present LED to indicate a paused state.
	Power	The green Power LED illuminates when the Producer II is powered on.
	Fault	The yellow Fault LED, located on the operator button, illuminates if an error is detected during button diagnostics.

Rear view



Operate the Producer II

This section provides the information that you need to produce CDs or DVDs with the Producer II.

Powering on the Producer II

Before you begin:

The carousel must be installed before you power on the system. For more information about installing the carousel, refer to [Installing the carousel](#) on page 4.

1. To power on the Producer II, press the **power switch** on the rear of the Producer II.
2. To power off the Producer II, press the **power switch**.



Pausing the Producer II

You can pause the Producer II to add discs to the Producer II or change print ribbons.

1. To pause the Producer II, open the **front door**.

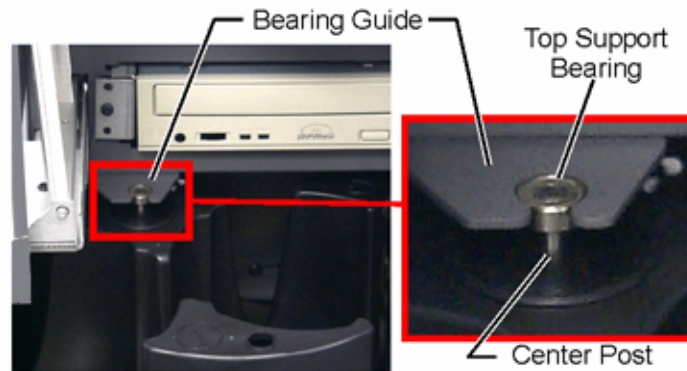
 **Tip:** The Active LED and the Carousel Present LED flash when the Producer II is paused.

2. To resume operation, close the **front door**.

Installing the carousel

 **Tip:** To prevent errors, install the carousel before operating the software or powering on the Producer II.


1. Open the **front door**.
2. Install the **carousel** in the Producer II.
 - a. Slide the **carousel** straight in so that the center post and top support bearing is in the slot.
 - b. Lower the **carousel** and rotate it, if necessary, to seat the carousel securely.



3. Close the **front door**.

Removing the carousel

 **Tip:** You can remove the carousel from the Producer II to load or unload discs.


 **Important!** If software is currently running an operation on the Producer II, wait for the software to complete the operation or pause the software operation.


1. Open the **front door**.
2. Grasp the bottom of the **carousel** with two hands and lift the carousel off the carousel platter until the top support bearing clears the bearing guide.
3. Move the carousel outward, away from the Producer II.


Loading and unloading the discs

You can load up to 100 discs in a bin. You can either remove the carousel to load discs or open the access door to place discs in each bin.

1. Load the discs.
 - a. Open the Producer II **front door**.
 - b. To rotate the carousel and place a bin in position to load discs, press the **Operator button**.
 - c. Place up to 100 discs to be recorded in Bin 1 of the carousel.

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

 **Note:** Remove any completed discs from each bin.

 **Tip:** Bins 2, 3, and 4 may be input, output, or reject bins, depending on how your system is configured.
 - d. Repeat steps b - c until the required bins are filled.
 - e. Close the Producer II **front door**.



2. Unload the discs.
 - a. Open the Producer II **front door**.
 - b. To rotate the carousel and place a bin in position to remove discs, press the **operator button**.
 - c. Remove the discs from the bin.
 - d. Repeat steps b - c until the required bins are empty.
 - e. Close the Producer II **front door**.

Setting up your printing preferences

Printing Preferences allows you to set up and run your Producer II to produce the best possible label on your discs. Refer to your *Everest Printer User Guide* or *PrismPlus! Printer User Guide* for specific printing preferences instructions.

Maintain the Producer II

Maintenance schedule

Task	Frequency
Clean the Producer II	Once a week. Remove dust from the Producer II and surrounding work area.
Align the printer	Upon installation and again if the printed label is not centered on the disc. Refer to the procedures below for more information.

Aligning the printer

Everest printer

To align your Everest Printer, use the following instructions.

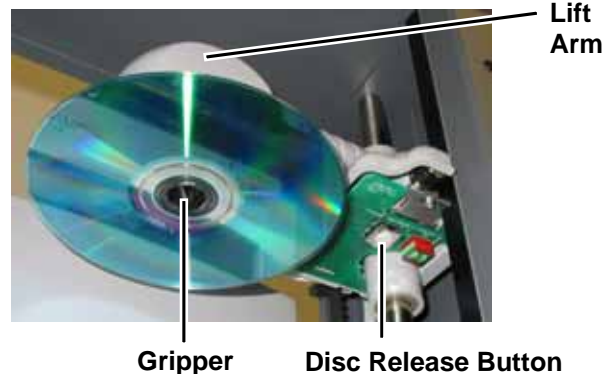
Required tools:

- T 25 Torx screwdriver
- 5/32" Allen wrench

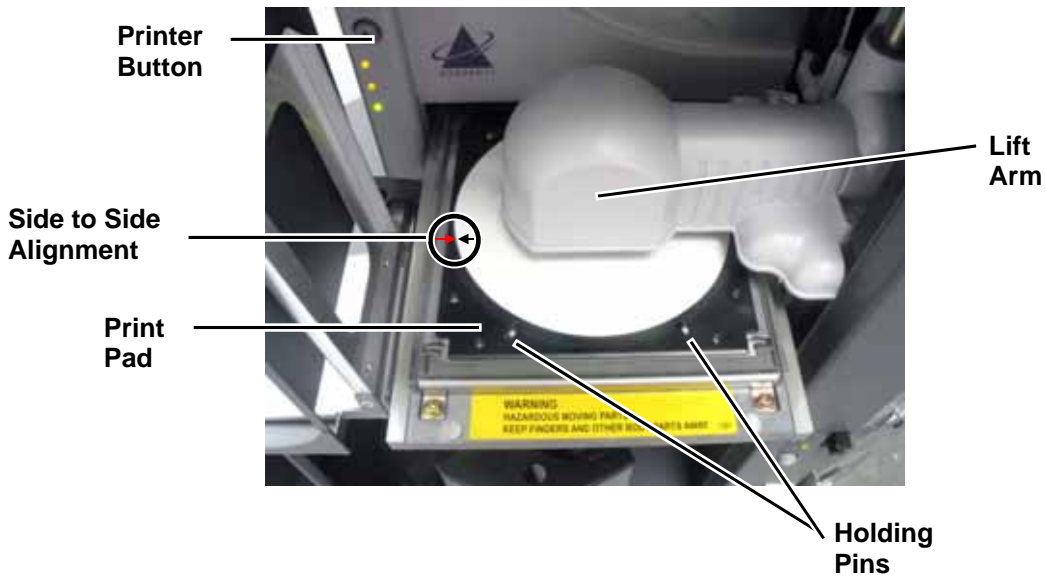
1. To power on the Producer II, press the Producer II **power switch**.
2. Wait until the unit completes the initialization.

 **Tip:** The Everest II Printer takes 1 to 2 minutes to complete the initialization.

3. Prepare the unit for alignment.
 - a. Manually move the **lift arm** to the top of the Producer II.
 - b. To place a disc in the **lift arm**, press the **disc** up into the lift arm while pressing the **disc release button**.
 - c. To open the print tray, press the **printer button**.
 - d. Close and re-open the **door** of the Producer II. This releases the lift arm so you can manually move it.

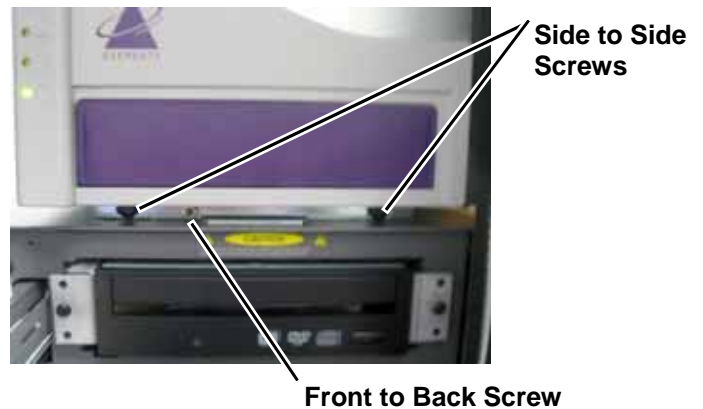


4. Align the printer.
 - a. Slowly move the **lift arm** down until the disc just touches the print pad.

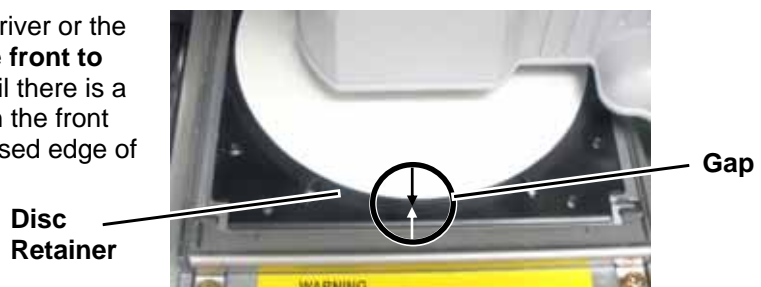


b. If the disc is not centered side to side on the print pad, align the printer side to side.

- i. Loosen the **side to side screws**.
- ii. Slide the **printer**, not the print tray, until the side edges of the disc and printer pad are aligned.
- iii. Tighten the **side to side screws**.



c. Using either the T25 Torx driver or the 5/32" Allen wrench, turn the **front to back alignment screw** until there is a 1/16" (1.5mm) gap between the front edge of the disc and the raised edge of the disc retainer.



5. Raise the **lift arm** out of the way of the print tray.
6. To close the print tray, press the **printer button**.
7. To release the disc from the gripper, press the **disc release button**.

 **Tip:** Place your hand under the disc to catch it.

PrismPlus! Printer

To align your PrismPlus printer, use the following instructions.

Required tools:

- T 25 Torx screwdriver
- 5/32" Allen wrench

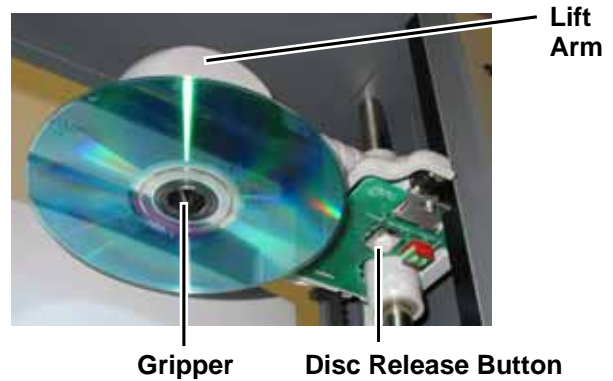
1. Power on the Producer II.

 **Note:** If the PrismPlus power switch is in the on position, power on the both the printer and the Producer by pressing the **Producer II power switch**.

2. Wait for the unit to complete the initialization.

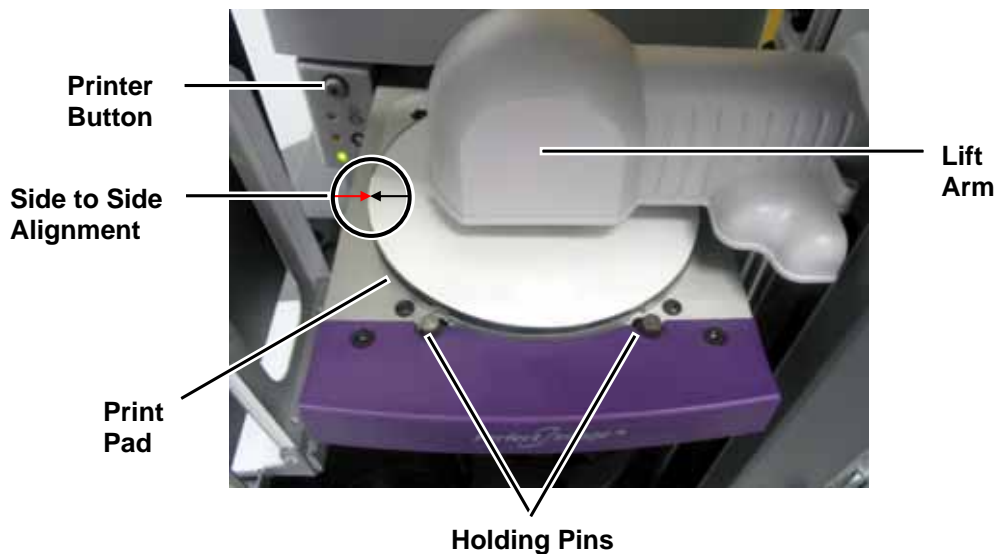
3. Prepare the unit for alignment.

- Manually move the **lift arm** to the top of the Producer II.
- To place a disc in the lift arm, press the **disc up** into the **lift arm** while pressing the **disc release button**.
- To open the print tray, press the **printer button**.
- Close and re-open the **door**. This releases the lift arm so you can manually move it.

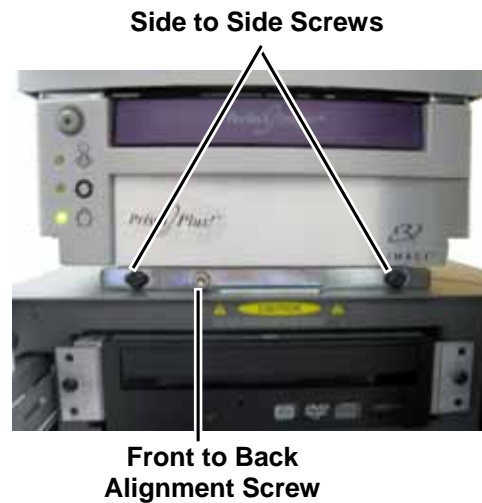



4. Align the printer.

- Slowly move the **lift arm** down until the disc just touches the **print pad**.



- b. If the disc is not centered side-to-side on the print pad, align the printer side to side.
 - i. Loosen the **side to side screws**.
 - ii. Slide the **printer**, not the tray, until the side edges of the disc and printer pad are aligned.
 - iii. Tighten the **side to side screws**.



- c. Using either the T25 Torx driver or the 5/32" Allen wrench, turn the **front to back alignment screw** until the disc hangs over the edge of the print pad by 0.010" - 0.015".
5. Raise the **lift arm** to the top the unit.
6. To close the print tray, press the **printer button**.
7. To release the disc from the gripper, press the **disc release button**.
-  **Tip:** Place your hand under the disc to catch it.
8. Close the **door**.

Learn More

Autostar II and Protégé II Specifications

 **Note:** Specifications for the printer are in the printer user guide.

Standard system	Producer II, Everest II or Prism <i>Plus</i> Printer, 2 – 4 disc recorders, Rimage Producer Software Suite, and Control Center		
Software requirements	Rimage Producer Software Suite		
Input bin capacity	100 discs per bin		
Output capacity	300 discs before requiring operator intervention when using the carousel as the output.		
Physical size	Autostar II	Protégé II	
	Height	28.3" (39.4 cm)	22.5" (57.2 cm)
	Width	15.5" (71.9 cm)	15.5" (39.4 cm)
	Depth	24" (61.0 cm)**	24" (61.0 cm)**
	Weight with		
	• Everest	121 lbs (55 kg)	97 lbs (44 kg)
	• Prism<i>Plus!</i>	95 lbs (43 kg)	71 lbs (32 kg)
Supported operating systems	Windows 2000 SP4, Windows XP SP1 or higher, and Windows 2003 Server		
Power	Autostar II/Protégé II 100–240 VAC, 60/50 Hz, 4.7–3.7 Amp, 500 watt maximum		
Operating Temperature	60 – 86° F (16 – 30° C)		
Humidity	40 – 80% non-condensing		
Storage Temperature	5° to 95° F (-15° to 35° C)		

** Leave an additional 3.5 inches (9 cm) for cabling.

Technical support and product updates

Support for the Producer II is available through your authorized reseller.

- ⓘ **Important!** Register your Producer II online or complete and return the registration card so Rimage can notify you of upgrades as they become available.

Safety 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.

- ⓘ **Important!** Any equipment that has certain components using AC line voltage, or in some cases low DC voltages, such as power switches, power supplies, fuses, fans, non-stepper motors, must be replaced with Rimage-approved components to maintain the safety approval issued by UL.
- ⚠ **Warning!** According to ANSI (American National Standards Institute) standards, a warning is used to indicate situations that could result in bodily injury to personnel operating or maintaining the equipment.

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

Safety precautions

To ensure safety, please read the precautions in the User Guide and familiarize yourself with their meaning before using the equipment.

- ⓘ **Caution:** For continued protection against risk of fire, replace the fuse only with same type and rating. An authorized technician should perform all service procedures.
- ⓘ **Caution:** 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.
- ⓘ **Caution:** Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiant exposure.
- ⚠ **Warning!** The laser beam used by the CD Recorder is a Class 1 laser. Do not attempt to open the recorder. An authorized technician should perform all service procedures.
- ⚠ **Warning!** The laser beam used by the DVD-R recorder is a Class 2 laser and can be harmful to the eyes. Do not attempt to open the recorder. An authorized technician should perform all service procedures.

Safety Testing

Model: Autostar II / Protégé II

Product ID:

- Autostar II: RAS7
- Protégé II: RAS8

Notice for USA



Tested to Comply with FCC Standards FOR HOME OR OFFICE USE.

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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This product complies with UL 60950 3rd Edition.

Notice for Canada



Canadian Department of Communications (DOC) Statement

This digital apparatus does not exceed the Class B limits for radio noise for digital apparatus specified in the Radio Interference Regulations of the Canadian Department of Communications.

Product Safety Statement

This product is in compliance with CSA C22.2 No.60950.

Notice for Europe



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 60950, EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3. The CE mark has been affixed in accordance with the CE Marking Directive 93/68/EEC.