

ADL-100 Operator's Manual

For Use With the Accent Disc Laminator

PRIMERA

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Printing History

Edition 1.0, # 040604

FCC Compliance Statement: This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For Users in the United States: 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:

- Re-orient 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.

Use of shielded cables is required to comply with the Class B limits of Part 15 of the FCC Rules. You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate and/or obtain warranty service for this equipment.

For Users in Canada: This digital apparatus does not exceed the Class B limits for radio noise for digital apparatus set out on the Radio Interference Regulations of the Canadian Department of Communications. Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

CAUTION!

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE EXTERIOR PANELS. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. OPERATE THE UNIT WITH ONLY THE PROPER ELECTRICAL SPECIFICATIONS AS LABELED ON THE LAMINATOR AND AC ADAPTER.

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Interactive Feature in this PDF Document

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Section 1: Getting Started

A. INTRODUCTION

Thank you . . .

. . . for purchasing a ADL-100 Autoloader. This device automates the transport of up to 100 optical discs (CD-R, DVD-R, etc.) per batch into and out of a Primera Technology Accent Disc Laminator. Designed for reliable, unattended operation, the ADL-100 will automatically and effortlessly transport anything from a just a few CDs to hundreds or thousands of discs per day. The ADL-100 is suitable for use in office or production environments and fits conveniently on any desktop.

To begin using your new ADL-100, please read this entire manual carefully. You will also need to reference the Operator's Manual for the Disc Laminator you'll be using with the ADL-100, so be sure to have it handy before proceeding.

B. CHOOSING A GOOD LOCATION

- Place ADL-100 in a location with adequate air circulation to prevent internal heat build up. You'll need a tabletop with at least 30" (76cm) of depth for adequate clearance.
- Do not place the unit near heat sources such as radiators or air ducts, or in a place subject to direct sun-light, excessive dust, mechanical vibration or shock.

C. UNPACKING AND INSPECTION

Before you begin, make sure that you have the following items:

- ADL-100 Autoloader, including Power Supply and **Input/Output Bins**
- Accent Disc Laminator with power cord
- Accent Disc **Laminator Stand**
- Laminator Stand with **Laminator Control Cable (6-pin mini-DIN)**

You'll also want to save the box and packing materials. It makes transporting or shipping your ADL-100 much easier if this is ever needed some time in the future.

D. IDENTIFYING THE PARTS

Illustrated in Figure 1 is the ADL-100 with an Accent Disc Laminator attached. Figure 2 shows the rear panel of ADL-100.

Front Panel and Top

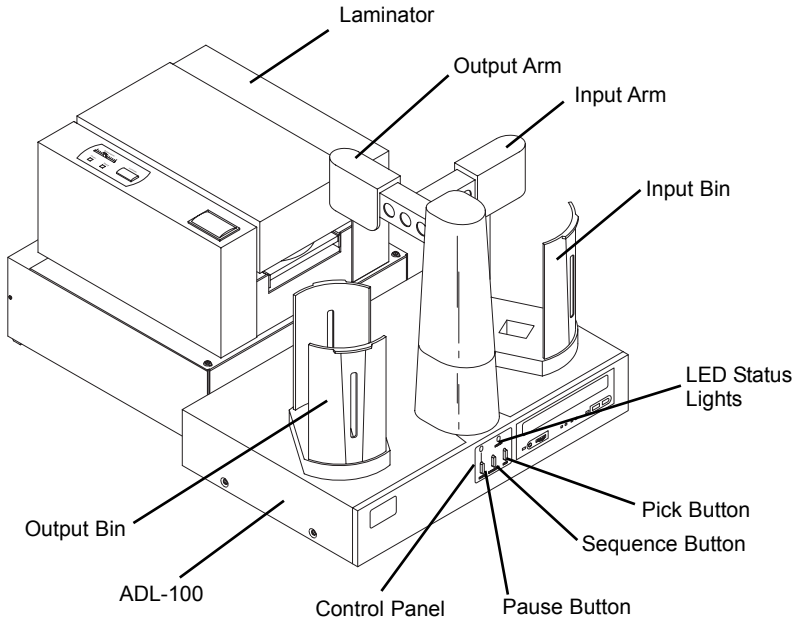


Figure 1: ADL-100 and Accent Disc Laminator

Rear Panel

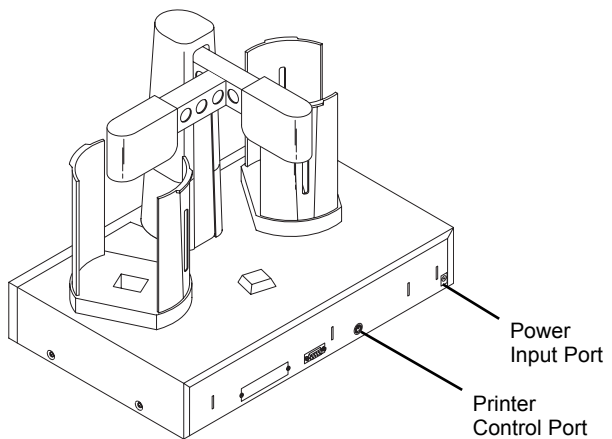


Figure 2: ADL-100 Rear Panel

Section 2: Hardware and Cable Set-Up

A. CONNECTING THE PARTS AND INTERFACE CABLES

Follow these steps to integrate your ADL-100 and Laminator:

1. In the ADL-100 shipping box you will find the **Input and Output Bins**. Place the Bins in their correct places as shown in Figure 1.
2. Connect the **Laminator Control Cable** that was included with your **Laminator Stand**. Insert it into the ADL-100 rear panel **6-pin mini-DIN socket**. Don't connect the other end yet.

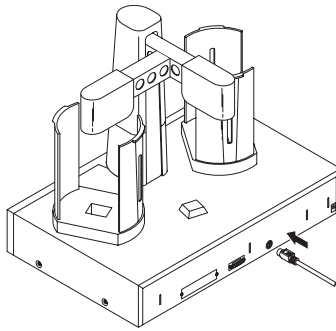


Figure 3: Connecting the Laminator Control Cable

3. Apply power to the ADL-100 by connecting the **Power Supply cord** to the AD-100's rear-panel **Power Input Port**. Don't plug the other end into a wall outlet yet.

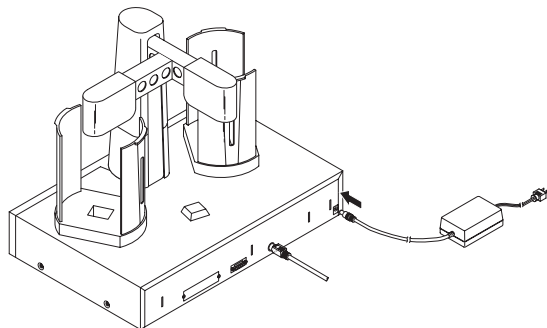


Figure 4: Connecting Power to ADL-100

4. Attach the **Laminator Stand** to the ADL-100 by locating the connecting tabs and inserting them into the appropriate slots on the rear panel of the ADL-100.

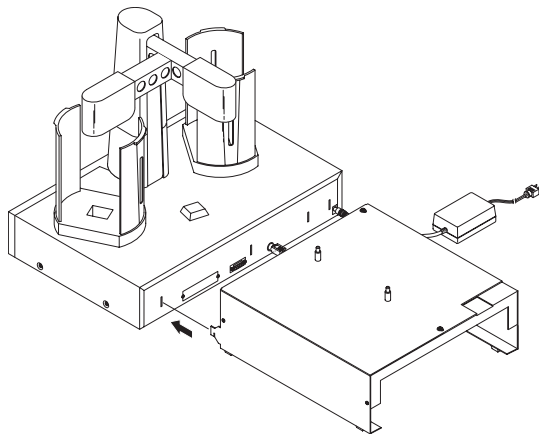


Figure 5: Attaching the Laminator Stand

Make sure that the **Laminator Control Cable** is routed neatly out the back of the Laminator Stand so that it can be connected to your Laminator.

5. Place the Laminator on top of the Laminator Stand, making sure that the silver locating pins are inserted into the **locating holes** on the bottom of the Laminator.

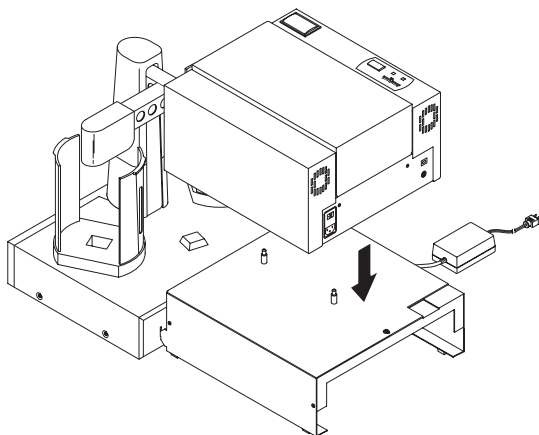


Figure 6: Mounting Laminator onto Stand

6. Connect the other end of the **Laminator Control Cable** to the Laminator's rear-panel **6-pin mini-DIN port**.

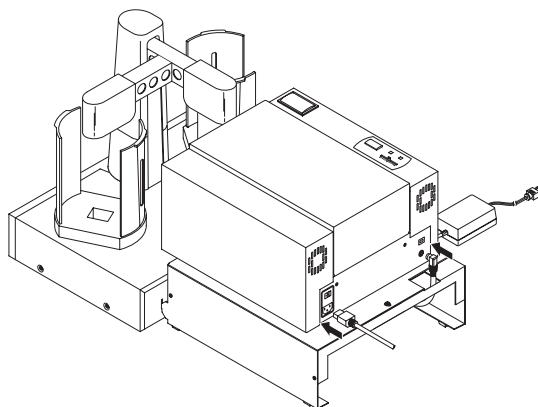


Figure 7: Connecting the Laminator Control Cable

7. Apply power to the Laminator by connecting the Laminator's Power Supply cord to the Laminator's rear-panel **Power Input Port**. Connect the other end to a suitable wall outlet.
8. Press the **Laminate Button** to eject the Laminator Tray
9. **Turn the Laminator off**. This will allow for easier calibration.
10. With the Laminator Tray out and the Laminator turned off, apply power to ADL-100 by plugging in the cord on the other side of the Power Adapter to a suitable wall outlet.

B. CALIBRATION

Please note:

To calibrate the laminator to the ADL-100, the Laminator's Disc Tray should be in the out position and the Laminator should be off.

1. Load the **Input Bin** with at least 4-5 CDs and place the **Output Bin** in the proper location.
2. Press the **Sequence Button**. The Input Arm should move over the Input Bin and the Output Arm should move over to the top of the Accent Tray.
3. Place a CD on the fingers of the Input AND Output Arms.
4. With the Accent tray extended and the Accent turned off, press and hold the **Pick Button** for 5 seconds. This will move the Output Arm down to the Laminator's CD tray.

5. Loosen the 3 screws on the top of the Accent Stand & adjust the Accent so that the CD is as centered as possible above the tray.

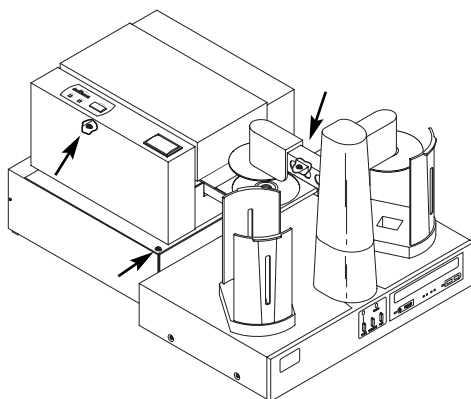


Figure 8: Adjusting the Laminator Stand

6. Tighten the 3 screws.
7. Press Pick to end the adjustment mode
8. Turn on the Laminator.

You have completed the Calibration procedure and are now ready to start your first print job!

C. YOUR FIRST LAMINATING JOB

Operation is really very simple. Once the ADL-100's **Input Bin** has been loaded with up to 100 printed discs, press the Laminator's **Laminate Button**. Once this is pressed, the ADL-100 will load a disc into the Laminator. Once the Laminator has reached operating temperature, the disc will laminate. While the disc is laminating, the ADL-100 will pick the next disc. Once the disc in the laminator is finished, the ADL-100 will pick it from the Accent's tray, rotate, and simultaneously deposit the finished disc into the **Output Bin** and load the next disc into the Laminator's tray. This continues until the stack is completed.

Section 3: Interpreting the LED Status Lights

The **LED Status Lights**, located on ADL-100's front panel, can tell you a lot about what is happening at any given moment with the operation of the autoloader. To accurately interpret what is meant when the lights are on, off or flashing, refer to the following chart:

A. POWER LED

Status	Condition
Off	No Power. Plug in Power Adapter.
On Solid	Power is ON. This is ADL-100's normal "waiting" mode.
Flashing	Power is ON, but an error condition exists: <ol style="list-style-type: none">Didn't pick up a discDropped a discDiscs outRobotic arm stalled; probably hit something while moving. Press any button on Control Panel to re-try.

B. PAUSE LED

Status	Condition
Off	Normal "waiting" mode
On Solid	ADL-100 is paused.
Flashing	ADL-100 is busy; i.e. motors are running, Laminator is laminating, etc.

Section 4: **Maintenance** and Troubleshooting

ADL-100 is designed to operate for extended periods of time with very little attention. In fact, no regular maintenance is recommended other than cleaning the outside case.

IMPORTANT: *Do NOT attempt to oil or grease the ADL-100's Robotic Arm shaft or other components. You will likely cause more harm than good! Any moving parts are designed to be run for the life of the machine with no additional lubrication required.*

A. CLEANING THE CASE

Use a clean, white rag with a small amount of water or isopropyl alcohol to clean the ADL-100 and Laminator's outside cases and CD trays. Stronger cleaning solutions are NOT recommended because they may damage the paint and plastic materials from which the parts are manufactured. Always disconnect your ADL-100 and Laminator power cords before cleaning. Resume operation only after the surfaces are completely dry.

B. RESETTING THE ROBOTICS

If you find yourself in a situation where the robotics are not responding properly, you may need to do a system reset. A typical cause may be when you stop a job out of sequence. To do so, press the **Pause and Pick Buttons** at the same time then release.

C. TECHNICAL SUPPORT

If you have difficulties in operating your ADL-100, the set-up and testing procedures in this manual should, in most cases, solve the problem. If you still have difficulty, contact the technical support number listed on the insert included in the supply pack that came with your product.

Section 5: Technical Specifications

Model	ADL-100 Autoloader for use with the Accent Disc Laminator
Robotics	Controlled by Primera Technology Disc Laminator
Disc Capacity	100 disc input, 100 disc output
Power Requirement	100-240 VAC, 50/60 Hz, 60 watts
Weight	8.9 lbs. (4.04 kg)
Dimensions	16.625"W x 14"H x 10.125"D (422mmW x 254mmH x 257mmD)
(with Accent attached)	16.625"W x 14"H x 25.6"D (422mmW x 254mmH x 651mmD)
Certifications	Emissions: FCC Class B, CE Safety: TUV-GS, cTUVus, CE
Warranty	One year return-to-depot

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