Aleratec ®

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The Prosumers' Choice

USER GUIDE

Aleratec
RoboJet Disc Autoloader™

Part No. 360104

Copyright/Model Identification

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Please record the following information to help expedite any warranty claim:

Model No. _____ Serial No. _____

Date Purchased _____

Place of Purchase _____

Radio/TV Interference Statement

The equipment described in this guide emits radio frequency energy. If it is not installed in accordance with the manufacturer's instructions, it may cause interference with radio or television reception.

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. If not installed and used in accordance with the instruction manual, this equipment 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 verified 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 the receiver.
- Connect the equipment to an electrical outlet on a circuit that is different from the circuit to which the receiver is connected.
- Consult your dealer or an experienced radio/TV technician for help.

This equipment has been certified to comply with the limits for a Class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and/or modifications made to this equipment, without the approval of manufacturer, could void the user's authority to operate this equipment.
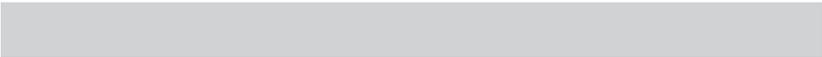
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Introduction

Thank you for purchasing the Aleratec RoboJet Disc Autoloader. Please read this User Guide thoroughly before using this product.

Product Features

The Aleratec RoboJet Disc Autoloader is a fully automatic disc loading system for compatible printers. Features include:

- Up to 100 disc capacity
- Autoloader lets you add more blanks and remove finished discs while the system is printing
- Simple, reliable and fast disc feed system
- Easy installation

Included Items
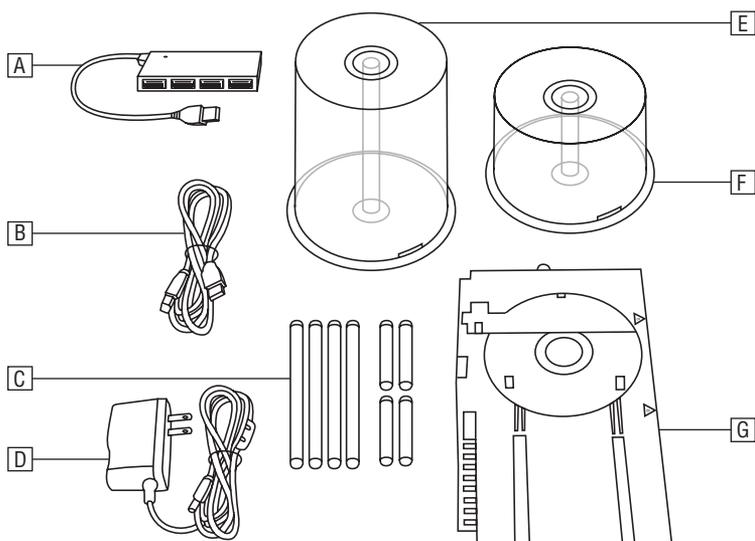
A. USB2.0 Hub
B. USB cable
C. Disc Bin, 50 and 100 Disc Capacity
D. Power Adapter cable

E. Disc Bin, 100-Disc Capacity
F. Disc Bin, 50-Disc Capacity
G. 2 Autoloader Disc Trays (one is already in the Autoloader unit)

Introduction

Key Items on the RoboJet Disc Autoloader

A. Disc Holder Post Slots
B. Disc Load Mechanism
C. Disc Bin Holder
D. Autoloader Disc Tray

E. Printer Mode Switch
F. USB Port
G. Power Port

Precautions

Before installing your RoboJet Disc Autoloader, please read the following.

Location

Avoid placing the RoboJet Disc Autoloader in a location subject to:

- High humidity
- High temperature
- Excessive dust
- Mechanical vibration
- Direct sunlight
- Electromagnetic radiation

1. Choose a flat, level surface for the printer and Autoloader near a table edge. (This is important because the disc bin will hang over the table edge once installed)

WRONG

Do not leave a gap between the door handle and tabletop

CORRECT

Printer door handle

The front cover handle of the printer door must rest against the edge of the tabletop

Tabletop edge
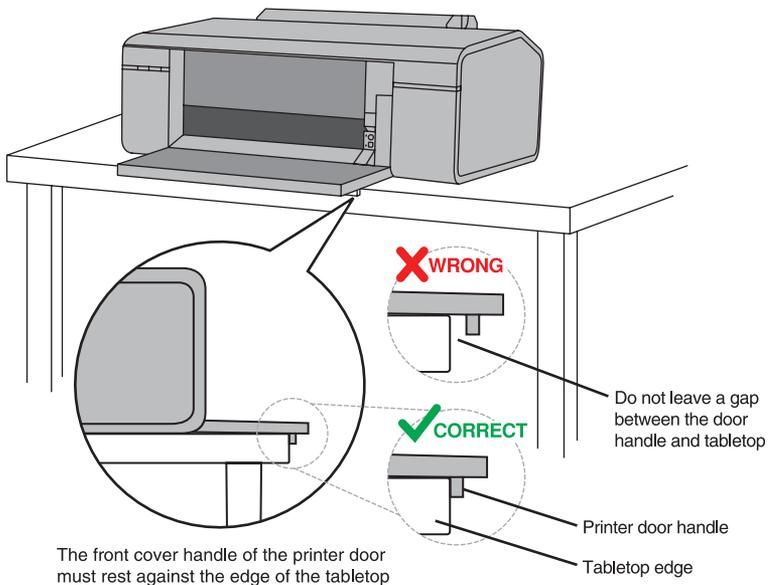
2. Allow adequate clearance for moving parts.
3. Do not place near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
4. Good care will help assure maximum product life. Improper operating environment and misuse may void the warranty.

Precautions

Printer Requirements

The RoboJet Disc Autoloader is designed to work specifically with the Epson Artisan 50 inkjet printer (not included), although it can also be made to work with certain other models of Epson inkjet printers which support disc printing. Below is a list of other compatible Epson printer models.

Designed for Epson Artisan 50
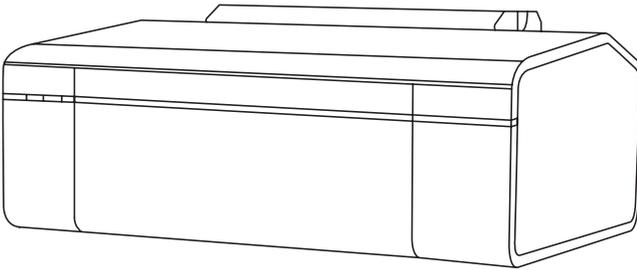
Can also work with Epson models:

Asia: R290, T50
America: R280
Europe: R285, P50
Japan: E301, E302

Installation

Unpacking the Unit

Set the components on flat level surface that will hold the RoboJet Disc Autoloader and your PC. Next, carefully remove the packing material that contains the above items. Then place all shipping materials back into the shipping carton for future use.

Note: It is important to keep the original shipping container and packaging. In the event you misplace your packaging and need to ship the RoboJet Disc Autoloader, you must first contact the service department to purchase a new shipping container for a small fee.

Check for all the components and proceed to the next step.

Printer Installation

Intall Printer:
Follow the instructions that came with your compatible printer product and install the printer. Connect the printer to your computer using the included hub.* Make sure all required supporting software and drivers are installed successfully and working properly.

The printer USB cable must be in the first USB port from the left

USB2.0 Hub
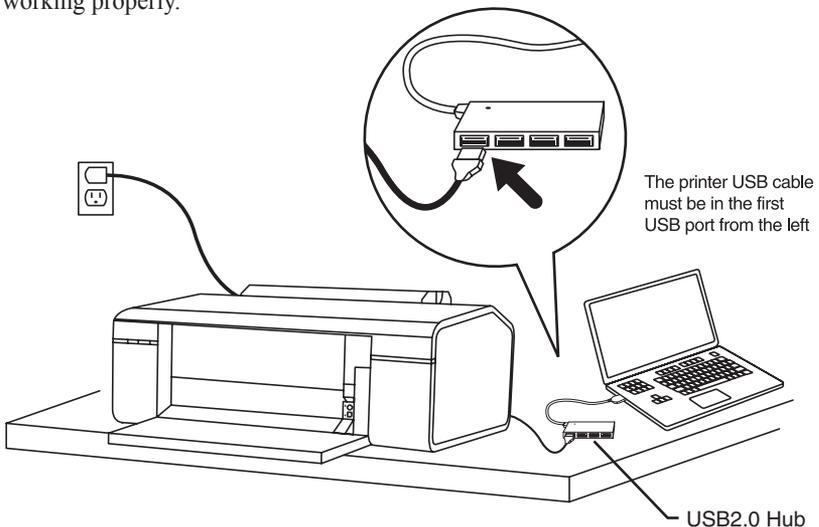
Note: The printer and Autoloader must both be connected to your PC using the included hub in order for the Autoloader software to work properly.

Installation

Minimum Hardware and Software Requirements

It is recommended that you operate your new RoboJet Disc Autoloader with PC systems that exceed the minimum hardware requirements to ensure smooth and efficient operation.

Pentium III 1GHz, 1GB DRAM (2GB DRAM recommended)
Windows 7, XP, Vista, 2000 SP4
Available USB2.0 port

Operation

Do not move the RoboJet Disc Autoloader during operation. This may cause it to malfunction during operations.

Avoid exposing the RoboJet Disc Autoloader to sudden changes in temperature as condensation may form inside. Operating the RoboJet Disc Autoloader immediately after a sudden increase in temperature may result in damage.

Transportation

Keep the original packing materials for future moving or shipping of the RoboJet Disc Autoloader.

Installation

Installing Aleratec's RoboJet Disc Autoloader Software

1. When you place the installation CD into your computer's drive, the installation screen should appear.


    If you do not see this, it means that autorun feature of Windows is disabled and you have to start this program manually. In order to do it you have to go to "My Computer" (Windows XP) or "Computer" (Windows Vista/7), right click on the CD/DVD drive that you are using, select "Explore/Open" and double click on AUTORUN.exe. If your PC does not have an optical drive that can read CDs, contact Aleratec support with your purchase information.

2. Install the Prolific Driver.
3. Install the .NET Framework
4. Click RoboJet Disc Autoloader on the installation menu to begin the installation process. If a "User Account Control" message pops up on your screen, please click "Yes" to proceed.
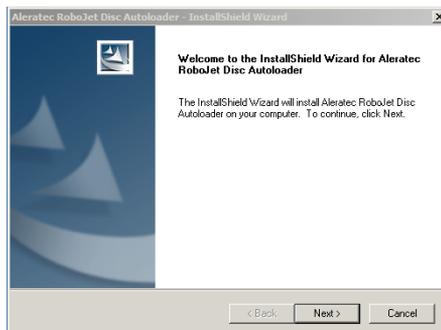
Installation

Installing Aleratec's RoboJet Disc Autoloader Software

5. The setup wizard will guide you through several steps screens to configure the installation. Choose a "Typical" setup and continue on until the installation is complete.
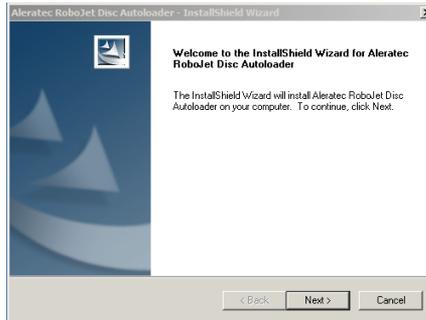

6. Once the installation has been completed successfully, you will see shortcuts for the "Aleratec RoboJet Disc Autoloader" application on your desktop.

Installation

Set Up Autoloader

1. Make sure that the printer is OFF when setting up the Autoloader. Open manual feed door on printer
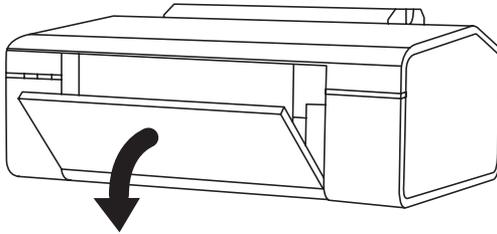

2. Remove printer "paper feed" tray
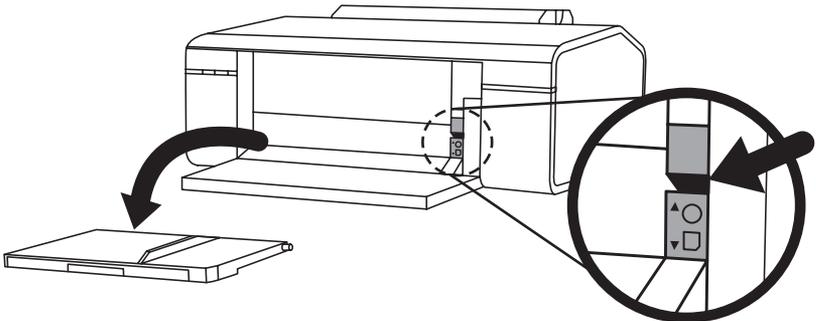
Installation

3. Insert Autoloader into printer "disc tray" slots at a 45 degree angle

45˚
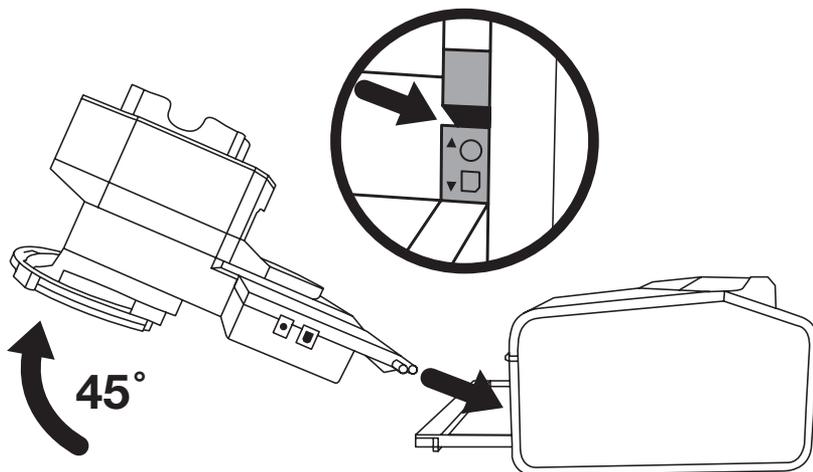
4. Lay Autoloader down on table
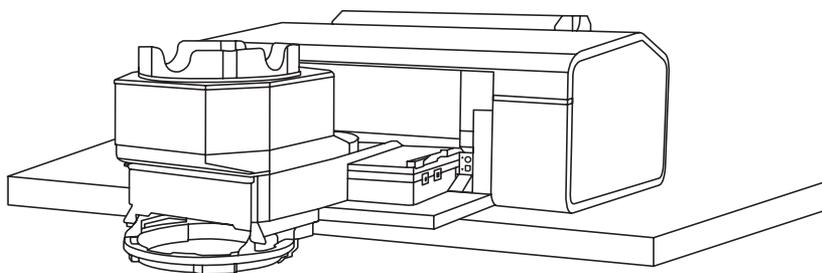
Installation

5. Insert Disc holder posts
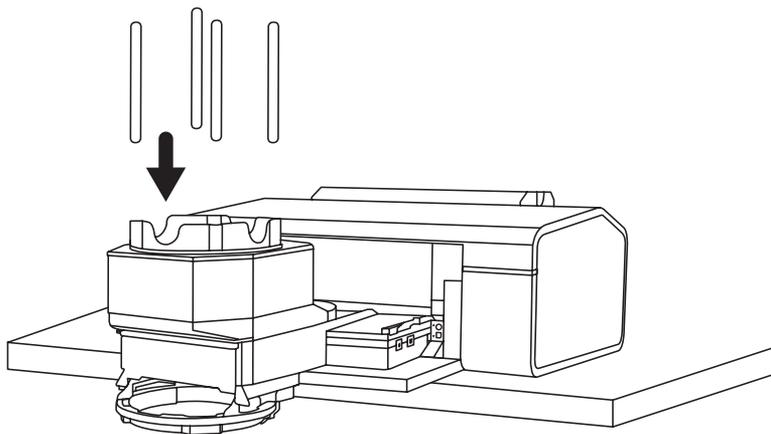
6. Attach Disc bin
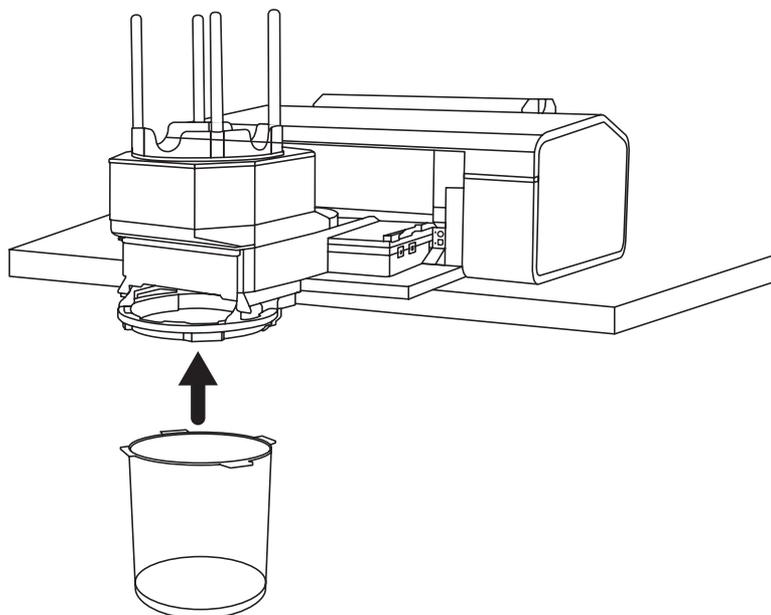
Installation

7. Attach power cord and plug into power outlet
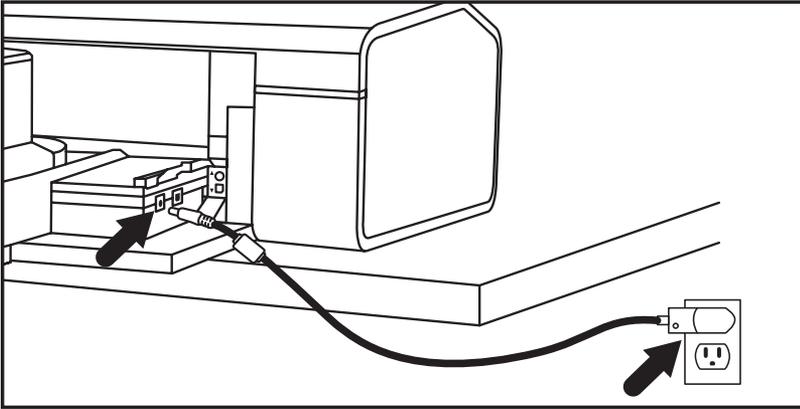
8. Attach included USB cord into included USB2.0 hub and attach hub to the computer. Both the printer and Autoloader must be connected to your PC using the included USB2.0 hub in order for the Autoloader software to work properly.

The Autoloader USB cable must be in the second USB port from the left

USB2.0 Hub
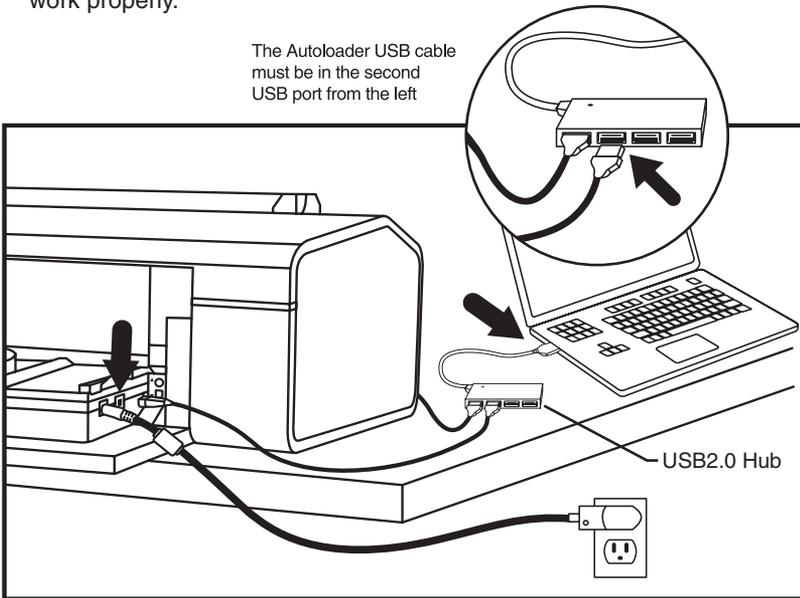
Note: Make sure the RoboJet software/driver installation is complete before connecting the Autoloader to the computer.

# Using the RoboJet Disc Autoloader

Powering on the Printer

The design of the Epson printer does not allow for it to power on properly
with a disc tray attached. Because of this, the RoboJet Disc Autoloader is
designed with a physical "Printer Mode Switch" that can be used to simulate the
absence of the disc tray. Whenever the printer is powered on, the Printer Mode
Switch must be in the paper mode which is indicated by a paper icon indicating
the switch position. Once the printer has initialized and shows a steady green
light on its power button, then the Printer Mode Switch can be pushed forward
to the disc icon position, which signals the printer that discs are to be printed.
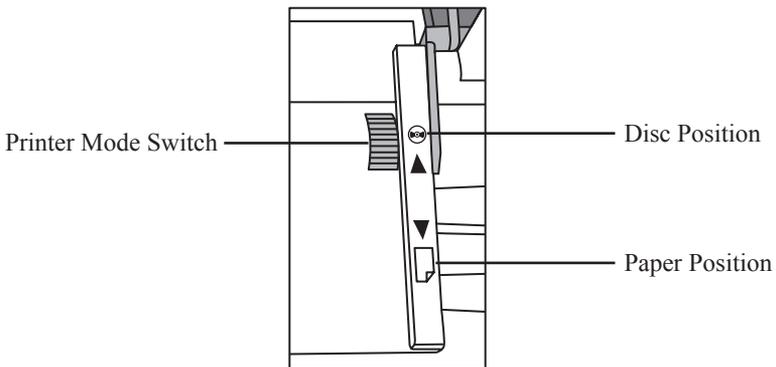

1. Move Printer Mode Switch to paper position.
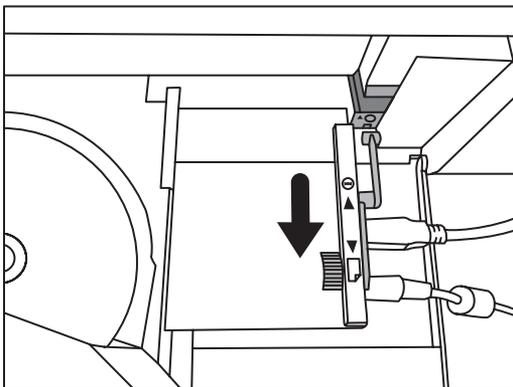
Using the RoboJet Disc Autoloader

Powering on the Printer

2. Power on the printer.
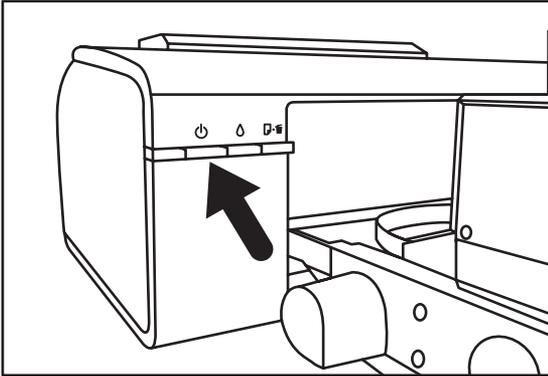
3. Wait for printer to initialize and show a steady green indicator on its power button.
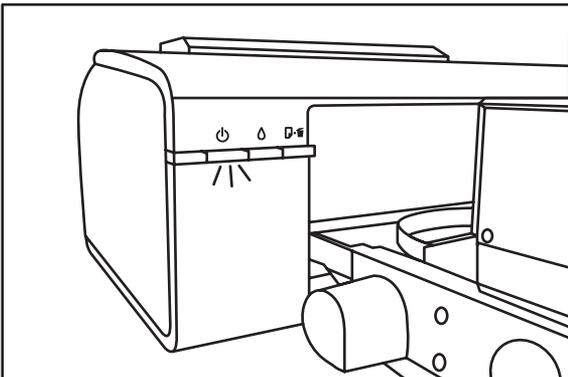
Using the RoboJet Disc Autoloader

Powering on the Printer

4. Move Printer Mode Switch to the disc position.
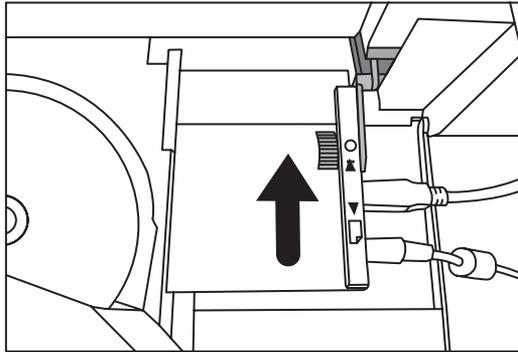
5. Load blank discs.
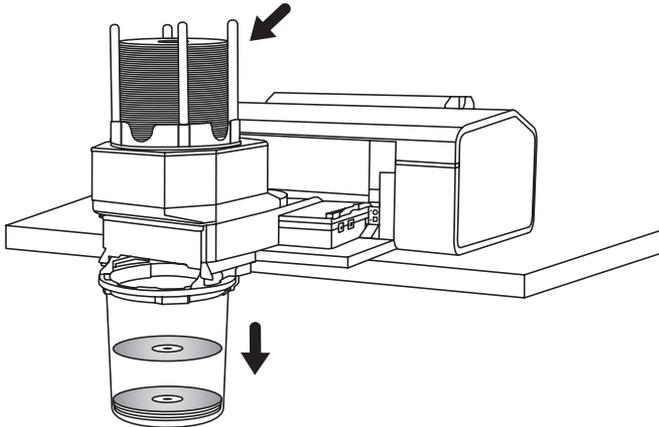
Note: The RoboJet Disc Autoloader can process up to 100 standard discs. However, Aleratec HydroGuard inkjet printable discs have a special printable surface that resists moisture, smears and smudges, and is slightly thicker than standard discs. As a result, the unit can only process up to 85 HydroGuard discs before completed discs in the output bin must be removed. Some types of discs are also "stickier" than others, especially when taken from a brand new spindle. It often helps to "fan" these discs prior to loading them into the Autoloader (briefly separate each individual disc from the one above and below it on the spindle).

6. Now you are ready to print discs!

Using the RoboJet Disc Autoloader

Getting to know the Aleratec Autoloader application

A. **Printer Status Panel** – Shows the status of your RoboJet Disc Autoloader equipped printer, if one is detected.
B. **Dry Disc Timeout** – Sets a delay before dropping a completed disc into the bin for discs that need a little more time to dry.
C. **Refresh Devices button** – Rescans your hardware to identify your RoboJet Disc Autoloader equipped printer.
D. **Flip Down button** – Sends a command to the autoloader to release a disc that is in the disc tray to the disc bin.
E. **Tray In button** – Sends a command to the autoloader to load the disc tray into the printer.
F. **Device Status** – Shows the status of RoboJet Disc Autoloader.
G. **Load Disc button** – Sends a command to the autoloader to load a disc into the disc tray.
H. **Flip Up button** – Sends a command to the autoloader to reset the disc release hinge on the disc tray to its normal position.
I. **Tray Out button** – Sends a command to the autoloader to unload the disc tray from the printer.
J. **Start Autoloader button** – Prepares the autoloader for printing discs. The autoloader must be started before any disc print jobs are kicked off.

Note: Closing the Autoloader application will minimize it to your System Tray.

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Getting to know the Aleratec Autoloader application

1. Once you've run the Aleratec RoboJet Disc Autoloader Application, the program will automatically scan for an autoloader equipped printer. If the correct components are not found, the Device Status will display "Device Not Ready" and no printer will show up in the Printer Status Panel.

   If this happens, please check that your printer and autoloader are installed correctly and being recognized properly by your computer. Once all the components are installed properly, click the "Refresh Devices" button to re-scan your computer's hardware.

   Successful detection will show a "Device Ready" status.

Using the RoboJet Disc Autoloader

Using the Aleratec RoboJet Disc Autoloader Application

1. To begin printing, just click on the "Start Autoloader" button. The Device Status will show "Autoloader Started".

Using the RoboJet Disc Autoloader

## Using the Aleratec RoboJet Disc Autoloader Application

2. You may now use Epson Print CD or any other optical disc printing application to print your discs. When configuring the print settings, make sure to choose the appropriate media type for the printer.
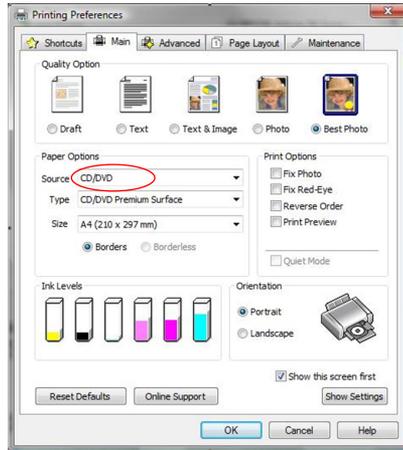
3. When your discs are printing, an Epson "CD/DVD tray not set correctly" warning message will appear. Please ignore this warning.
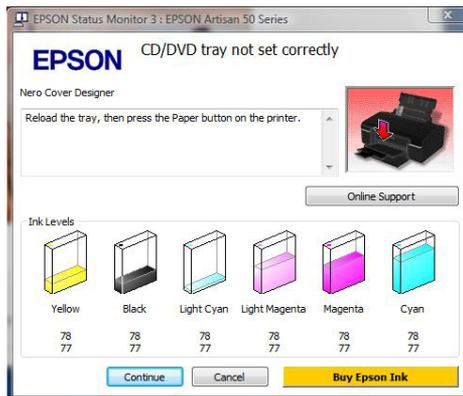
Troubleshooting

1. Autoloader not being detected.

- Make sure that both the printer and Autoloader are connected to the computer using the included USB2.0 hub and that they are connected to the correct hub ports.

Epson Printer USB2.0 cable

Autoloader USB2.0 cable
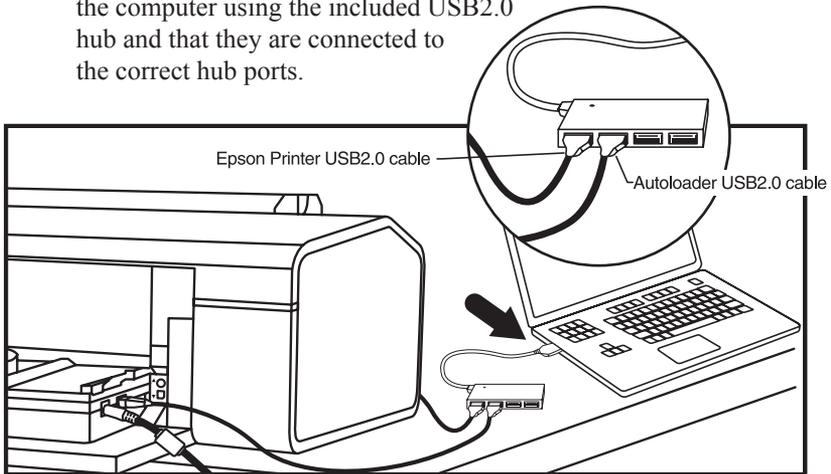
2. Disc is loading, but nothing is getting printed.

- There is a problem with your printer installation. Check to make sure that your printer is being detected properly and that you can print from it. Make sure the Autoloader unit is positioned correctly (see page 3).

3. Epson "CD/DVD tray not set correctly" warning message appears when printing.

- This is normal. Please ignore.

EPSON Status Monitor 3 : EPSON Artisan 50 Series

EPSON CD/DVD tray not set correctly

Nero Cover Designer

Reload the tray, then press the Paper button on the printer.

Online Support

Ink Levels

Yellow	Black	Light Cyan	Light Magenta	Magenta	Cyan
78	78	78	78	78	78
77	77	77	77	77	77

Continue   Cancel   **Buy Epson Ink**
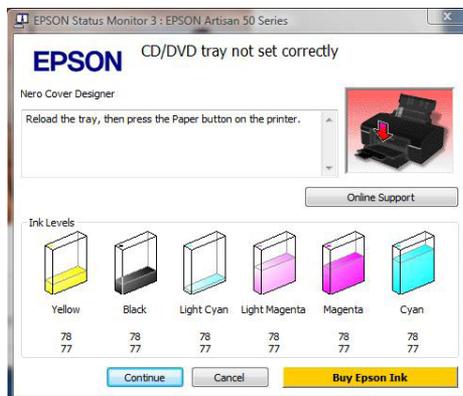
Troubleshooting

4. "Source Selected.." Error

- The printer is still in "paper" printing mode instead of "disc" printing mode. Push the Printer Mode Switch on the Autoloader to the "disc" position.

Printer Mode Switch — Disc Position — Paper Position
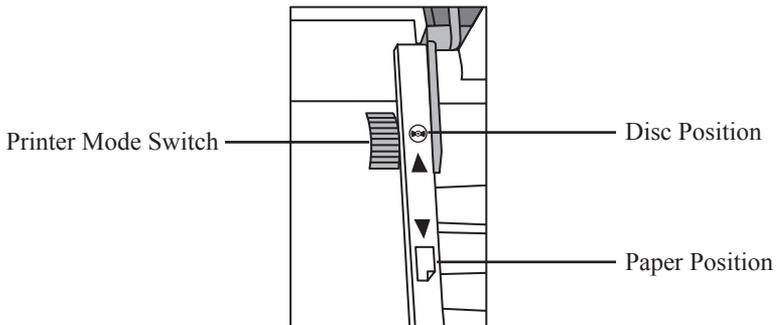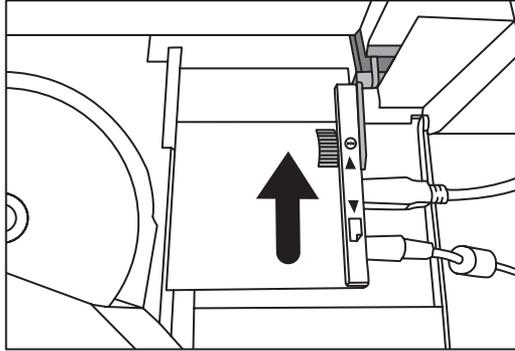
5. "Unload Disc Error"

- A completed disc has not been dispensed properly into the disc collection bin. Clear the disc and click the "Continue" button.

6. "No Disc Loaded.." Error

- There are not enough blank discs in the Autoloader to complete the job. Load blank discs and click the "Continue" button. This error can also happen when a completed disc has not been dispensed properly. If this is the case, clear the disc(s) and click the "Continue" button.

Troubleshooting

7. Disc tray hinge gets stuck in the "open" position.

  1. Abort any ongoing processes.

  2. Stop the RoboJet Disc Autoloader application by clicking the "Stop Autoloader" button

  3. Click the "Tray Up" button on the RoboJet Disc Autoloader screen

8. Disc tray gets misaligned (not being pulled into the Autoloader correctly).

  1. Abort any ongoing processes

  2. Stop the RoboJet Disc Autoloader application by clicking the "Stop Autoloader" button

  3. Slide the Printer Mode Switch to the "paper" position

  4. Remove the RoboJet Disc Autoloader from the printer

  5. Click the "Tray In" button on the RoboJet Disc Autoloader screen

  6. Push the disc tray back into the unit and make sure the "B" and "C" arrows are aligned

  7. Make sure the Autoloader is positioned correctly (see page 3).
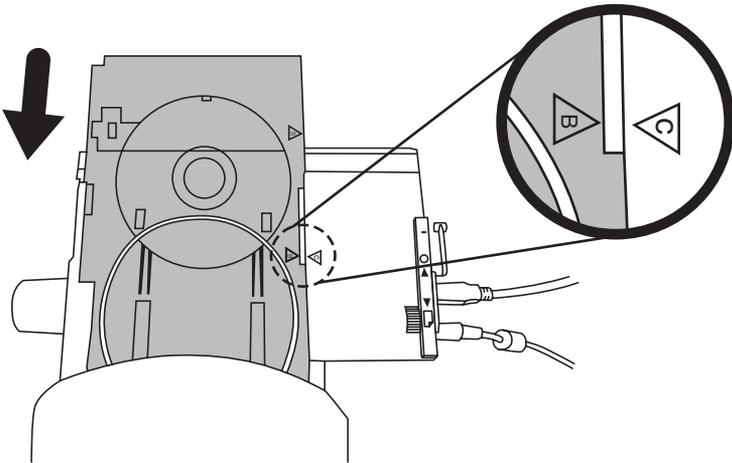
7. Click the "Tray Out" button so that the tray is pulled into the Autoloader
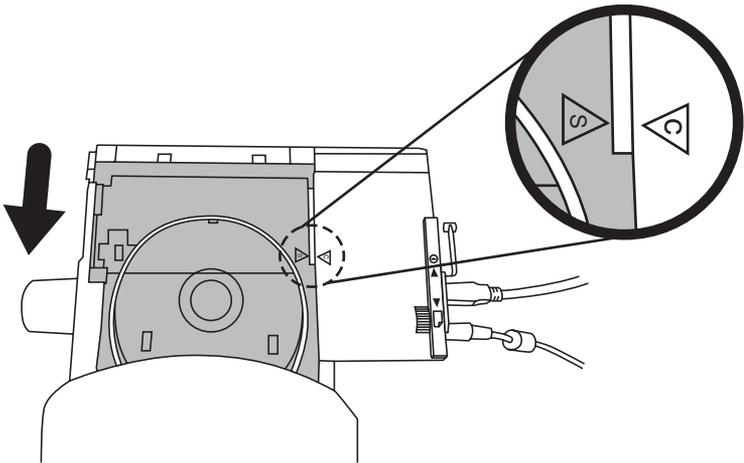
8. Reattach the Autoloader to the printer and slide the Printer Mode Switch back to the "disc" position

9. The disc bin is getting too full for operation prior to 100 discs.

-   Optical discs vary in thickness depending on the type, manufacturing and coatings. Thicker discs will take up more space in the disc bin and reduce the total capacity of the Autoloader. The unit has been designed so that you can remove completed discs while a job is in progress, allowing you to increase a job's capacity.

10. Discs are frequently getting stuck when being loaded from the dispenser or dropping into the disc bin.

-   Some types of discs are also "stickier" than others, especially when taken from a brand new spindle. It often helps to "fan" these discs prior to loading them into the Autoloader (briefly separate each individual disc from the one above and below it on the spindle).

Specifications

Compatible Printers	• Epson Artisan 50 or equivalent
Disc Capacity	• 100
System Requirements	• Pentium III 1GHz, 1GB DRAM (2GB DRAM recommended) Windows 7, XP, Vista, 2000 SP4 • 2 Available USB2.0 ports
Operation Environment	• Operating Temperature: 50º F to 90º F (10º C to 32º C) • Humidity: 15% to 80%
Dimensions (without disc bin or guide rods)	• Width 12.75 inches (324mm) • Height 7.75 inches (197mm) • Length 11 inches (280mm)
Weight	• 1.2kg / 2.6lb
Electrical Specifications	• Input Voltage 100-240V AC • Input Frequency 50/60 Hz

Specifications

For best results we recommend:

Aleratec HydroGuard Inkjet Printable Duplicator Grade DVD/CD recordable media (90-Pack CD-R part number: 110119, DVD+R part number: 300117, and DVD-R part number: 230116).

- Smear, Smudge and Water-Resistant Disc Surface
- Glossy inkjet printable surface with uniform whiteness from hub to outer edge
- Superior Print Quality with bright, vibrant colors
- Quick Drying Disc Surface

Aleratec Inkjet Printable Duplicator Grade Blu-ray recordable, 25-Pack media (4x BD-R part number: 370102, 6x BD-R part number: 370104).

Check the Aleratec website at www.aleratec.com for additional Inkjet printable media.

Technical Support

After reading this User Guide, if you need additional assistance with this product, please contact Aleratec Technical Support. Our technical staff will be happy to assist you, but they may need your help to better assist you. Calling Aleratec Technical Support without all the necessary information can be both time consuming and frustrating. Therefore, please try to have the following information ready before calling:

1. Serial Number - the serial number is located on the bottom of the RoboJet Disc Autoloader.

2. Any questions or problems, please provide enough information so our technical staff can recreate and diagnose it.

Technical Support Addresses and Phone Numbers

▶ By e-mail: **support@aleratec.com**

▶ By Telephone: **1-818-678-0484**

   Technical Support Group can be reached 8:00 AM to 5:00 PM, Pacific Time, Monday through Friday, excluding U.S. holidays.

   Please try to call from a phone near your computer system.

▶ Access is available 24 hours a day, 365 days a year, via:

   The World Wide Web at: **www.aleratec.com**

   FAX at: **1-818-678-0483**

Service and Support

Aleratec, Inc., Limited Warranty

This Limited Warranty covers defects encountered in the course of normal use of this product and does not apply to damage from improper use, abuse, accidents, unauthorized service, or inadequate packaging when shipping the product to Aleratec, Inc. This warranty does not cover excessive ink contamination or failure related to the use of refurbished or refilled cartridges.

Aleratec, Inc. provides the following limited warranty for this product only if the product was originally purchased for use, not re-sale, from Aleratec, Inc., an Aleratec, Inc. authorized dealer or distributor, or any other Aleratec, Inc. approved reseller for this product. This product is warranted to be free from defects in workmanship and material for a period of one year from the date of your original purchase.

If the product fails during normal and proper use within the warranty period, Aleratec, Inc. will, at its option, repair or replace the product at no cost (except shipping and insurance). This limited warranty does not include service to repair damage from improper installation, accident, disaster, misuse, abuse, or modifications to the subsystem, or by any other causes unrelated to defective materials or workmanship.

Service and Support

Please Note:

This Warranty is valid only within the United States and Puerto Rico, and applies only to products that are new and unopened on the date of purchase. For areas outside the United States and Puerto Rico, contact the authorized dealer from whom you purchased this product to determine which warranty, if any, applies.

THIS LIMITED WARRANTY CONSTITUTES YOUR SOLE AND EXCLUSIVE REMEDY, AND THE SOLE AND EXCLUSIVE LIABILITY OF ALERATEC, INC., AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OF ITEMS FOR A PARTICULAR PURPOSE.

Your sole remedy shall be repair or replacement, with new or refurbished components, as provided in this Limited Warranty. Aleratec, Inc. shall not be liable for any direct, indirect, special incidental products or consequential damages, including, but not limited to, any loss of data or loss of profits or business, regardless of the form of action or theory of liability resulting from any defect in, or use of, this product (even if Aleratec, Inc. has been advised of the possibility of such damages).

In any event, the liability of Aleratec, Inc. under this Limited Warranty, for damages to you or any third party, regardless of the form of action or theory of liability, shall not exceed the purchase price you paid for this product.

Some states do not allow limitations of the disclaimer of implied warranties, the period an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the exclusions and limitations stipulated in this Limited Warranty may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Service and Support

To Obtain Warranty Service:

You must ship your subsystem to the authorized dealer where your subsystem was purchased within the one year warranty period and no later than thirty days after discovery of claimed defect, whichever occurs first. In either case, you must provide proof of original purchase before any warranty service can be performed. Products and parts provided as a result of warranty service may be other than new but will be in good working order and become your property at the time of exchange. At the same time, the exchanged products or parts become the property of Aleratec, Inc.

When shipping the subsystem for service, you agree to insure the Duplicator, to prepay shipping charges, and to use the original shipping container or equivalent. Any service outside the scope of this limited warranty shall be at Aleratec, Inc.'s or its Authorized Service Provider's rates and terms then in effect.

This warranty gives you specific legal rights; you may also have other rights which vary from state to state.

Aleratec, Inc.
Technical Support Fax Back Form

Please record the following information to help expedite any warranty claim:

Model No.: _____ Serial No.: _____

Date Purchased: _____

Place of Purchase:_____

To: Technical Support Group FAX: 1-818-678-0483

FROM: _____FAX: _____

E-MAIL: _____

RE: _____TEL: _____

DATE: _____# OF PAGES: _____

I am experiencing the following problems with my RoboJet Disc Autoloader:

_____

_____

_____

_____

_____

By answering these questions, your problem will be solved more rapidly. Make copies as necessary. You can reach us electronically at: www.aleratec. com on the internet.

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