

Datatronics Technology, Inc.

DA5500 Series Automatic Disc Duplicator



Models: DA5500-6551 CD Duplicator

User's Guide
Version 1.4 E

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1 Introduction

Thank you for purchasing DA-5500 series automatic disc duplicator.

The DA-5500 series is a stand-alone unattended duplicator that requires no computer connection during operation. It consists of robotic mechanism that can automatically move discs from an input bin to the burner, then to the output bin after duplication is complete. If any disc does not pass, the robotic arm will pick it up and drop it to the reject bin. Low cost, high performance, the DA-5500 series is the best choice to fulfill your duplication requirements.

Especially designed for office applications, the DA-5500 series is based upon a controller with LCD displays, which makes all steps easy to follow during duplication. Should you encounter any difficulty, please refer to "Trouble Shooting" or contact your dealer directly.

2 Reminders

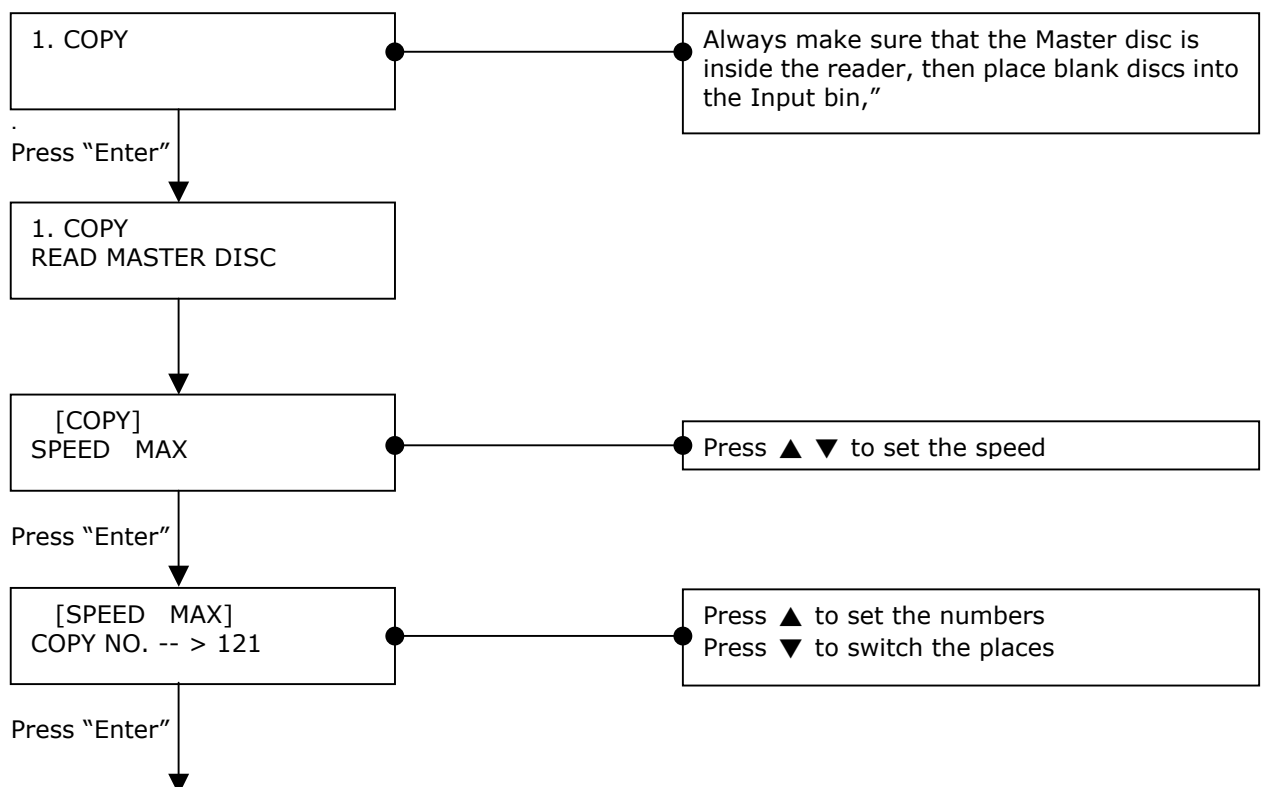
We strongly suggest you to locate your DA-5500 series in a dust free environment in order to eliminate contamination of discs that cause duplication rejects. Please also allow enough space around the unit to make sure it can work properly.

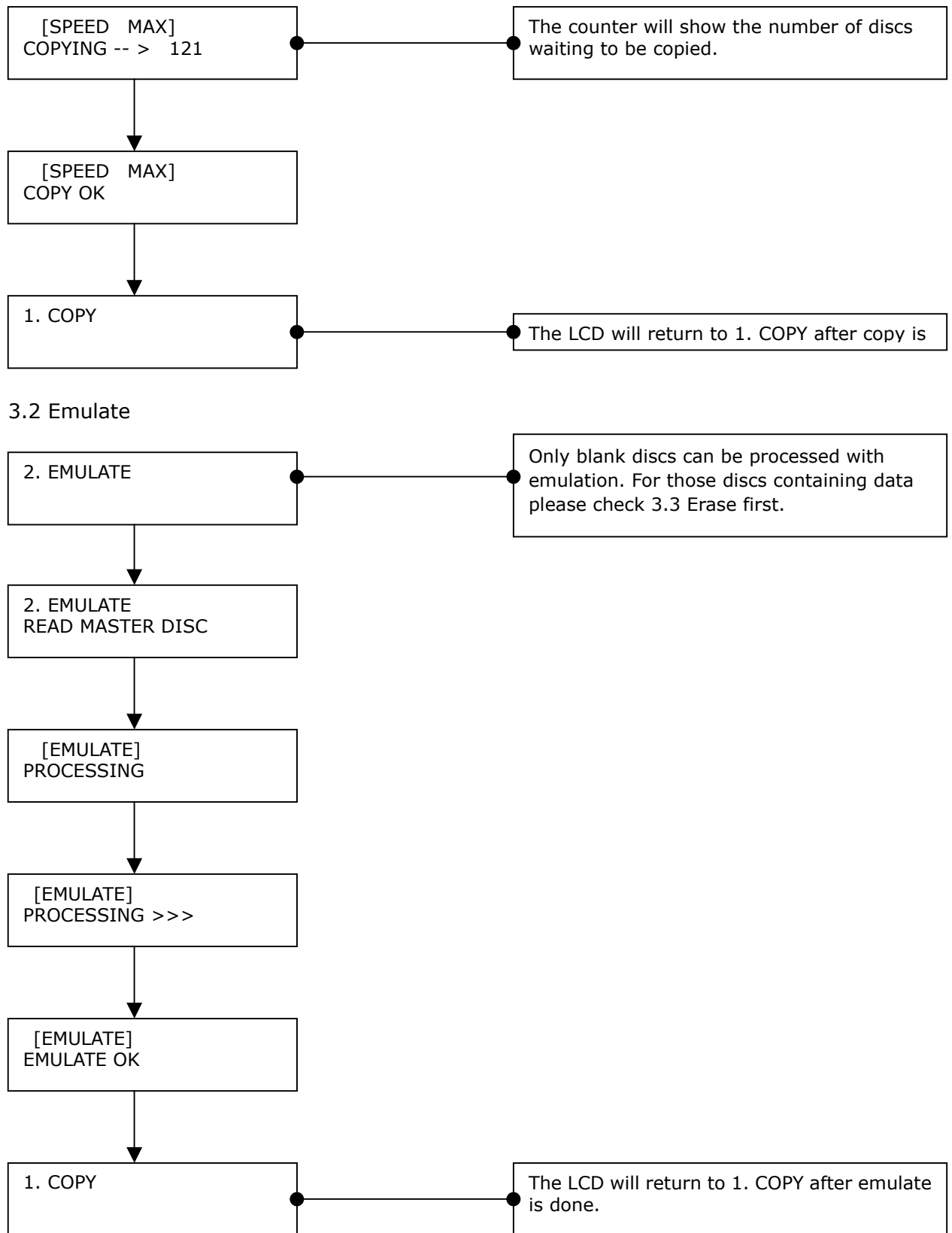
For media selection, we recommend you to choose the branded discs, i.e. Verbatim, TDK, Sony, Samsung, Ricoh, Maxell, etc., and make sure to reserve some discs for possible troubleshooting tool in the future. For your own safety and the drive protection as well, do not use any damaged disc in order to prevent any accident.

Under any circumstance, we do not encourage users duplicate copy protected materials.

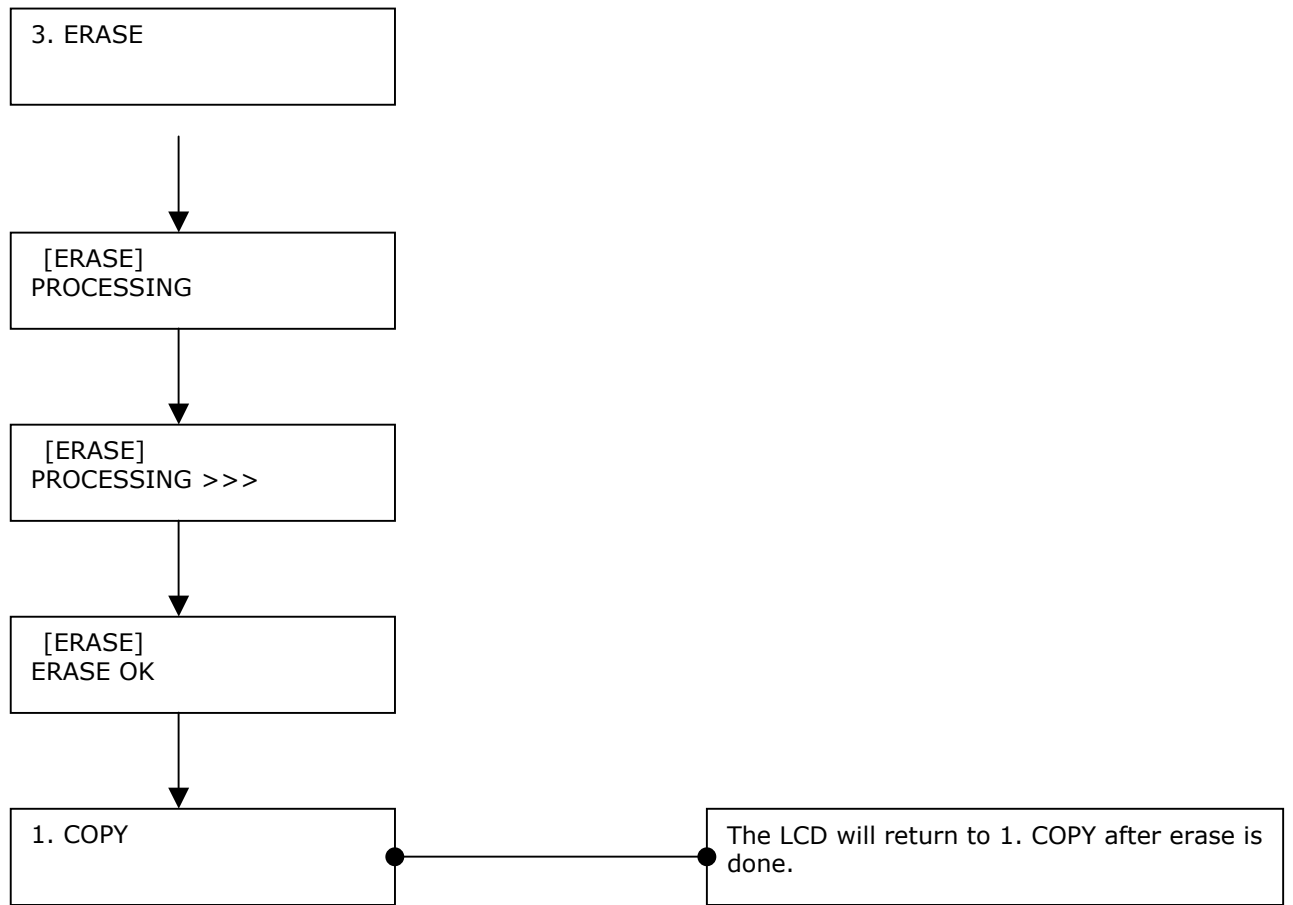
3 Main Functions

3.1 Copy



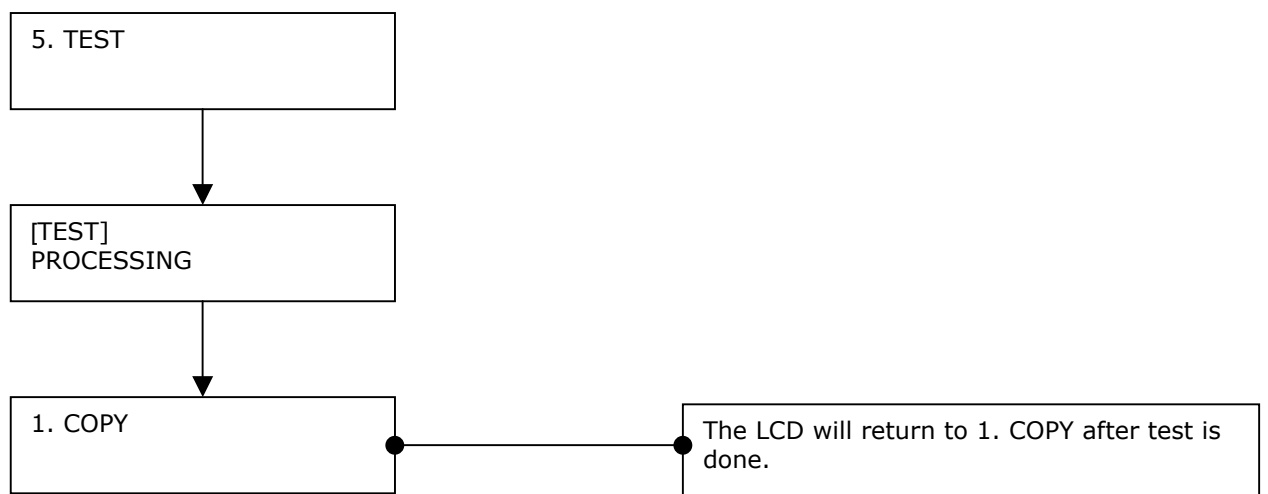


3.3 Erase

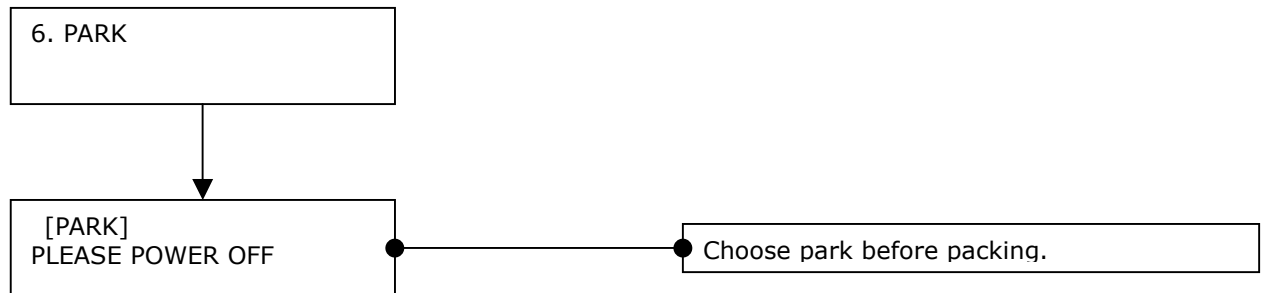


3.4 Option

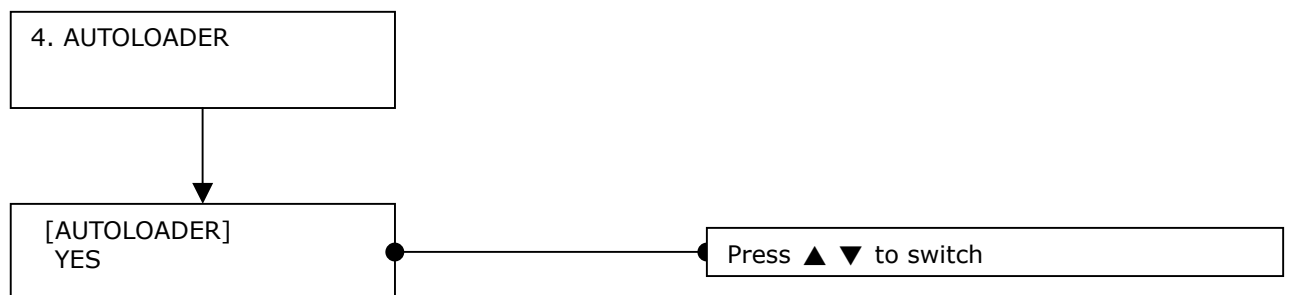
A. Test



B. Park



C. Autoloader



D. Update

To update the Robot Mechanism and the Copy Module requires update tool kit. Please contact your reseller for assistance.

4 Installation & Set Up

4.1 Inspecting the Shipment for Damage

The DA-5500 series automatic disc duplicator is supplied in one shipping carton. If the carton shows signs of shipping damage you should notify the shipping company immediately.

4.2 Unpacking and Verifying Shipment Contents

The DA-5500 series automatic disc duplicator carton contains the following items: DA-5500 series automatic disc duplicator +User's guide+ An AC power cord. If any of these items are damaged or missing, please contact your dealer directly.

4.3 Setting up

Please follow the procedures:

A. Remove all parts from the carton.



B. Insert the Reject bin.



C. Insert the Input bin.



D. Insert the Input bin.



E. Attach the plate to the unit.



F. Install the whole Output bin.



4.4 Loading Discs

Wear lint free gloves whenever you handle discs to avoid fingerprints that can affect recording. Make sure the first 5 discs have to be leveled while inserted. You can add discs to the input bin while the system is running. (Capacity: 100pcs)

4.5 Unloading Accepted Discs

It is the responsibility of the operator to keep passed discs away from "rejected" discs.

4.6 Unloading Rejected Discs

It is the responsibility of the operator to keep rejected discs away from accepted discs and master disc.

5 Maintenance:

5.1 General Maintenance

If you need to clean the outside cabinet and plastic panels, always turn off the AC power switch first and make sure your masters and blanks are covered. Please use a clean lint free cloth moistened with warm water and dry the unit immediately with a clean lint free cloth.

6 Trouble Shooting

6.1 Frequently asked questions

What is the best speed to duplicate audio?

We recommend 16X or less. If you duplicate audio in max speed, there is a great possibility of failure.

Why is the failure rate so high?

Always make sure that master and blank discs are in good condition. If the failure rate is still high, please lower the write speed.

What should I do if disc jams?

Don't panic! Just carefully remove the disc from loader or tray and reload the master and blank discs, then press key to start the job. In order to prevent such problem from happening again, please choose quality discs between 119.85mm ~ 120.30 mm and follow the instruction of 4.4.

Why disc jams?

Sometimes when discs are sticky, which is commonly seen on the plastic wrapped bulk discs, it is more difficult to remove disc from each other, therefore, we suggest you loosen discs completely before loading.

Why is that the power switch does not work every time?

This can be easily solved if you allow 5 seconds interval between turn on/off.

Why is that the Robotics arm fails to pick up the discs?

If the robotics arm is still in the accurate position as it should be, which means no force has been pressed upon it to cause dislocation, check if discs are the right size and not distorted in any form. Normally if robotics arm is having mechanical problems, it will not pick up any disc at all. So to determine the cause you might use other discs to see if it works. If none of the above is the reason, you have to check the burner position and the length of tray when it reaches out. Please contact your dealer for assistance.

What should I do if 2 or more discs drop at the same time?

Loosen the blank discs if they are bulk discs wrapped in plastic. Reload the master and blank discs and make sure all discs are leveled.

What should I do if discs can not be dropped into the rod.

1. Please make sure the unit is placed in a flat area and the output bin is attached to the unit properly.

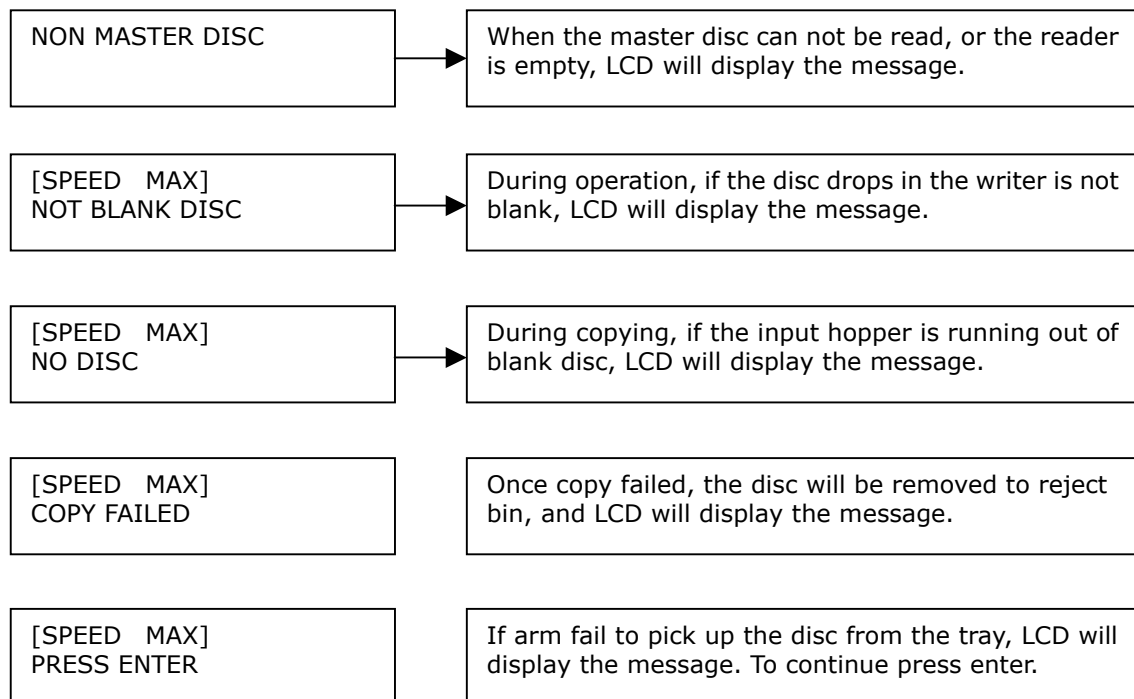
2. Sometimes when discs are defected or a DVD disc is loading into the CD-RW burner, the unit will drop the unrecognized disc out of the rod.

Where to get the serial number of the unit?

Please check the rear sticker for serial number. (*S/N=serial number)



6.2 LCD Message Definitions:



6.3 Error Codes:

ERROR CODE 0 ----> Loader mechanism is not working smoothly. Reboot the unit please.

ERROR CODE 1 ----> Moving robotic arm to output spindle is not working smoothly. Reboot the unit please.

ERROR CODE 2 ----> Moving robotic arm to reject bin is not working smoothly. Reboot the unit please.

ERROR CODE 3 ----> Moving robotic arm to pick position is not working smoothly. Reboot the unit please.

ERROR CODE 4 ----> Releasing disc mechanism is not working smoothly. Reboot the unit please.

ERROR CODE 5 ----> There is no disc in the tray, but sensed by robotics arm. Reboot the unit please.

ERROR CODE 6 ----> Job completes, but robotics arm does not sense the disc in the tray. Reboot the unit please.

ERROR CODE 7 ----> Job fails, and robotics arm does not sense the disc in the tray. Reboot the unit please.

6.4 And More:

When turn on the unit, if disc is detected in the writer, arm will pick it up and remove to reject bin.

If DVD disc is dropped in the writer, LCD will show NO DISC, and arm will not pick it up. Please remove the disc carefully, then press enter to continue.

Actually writing speed also depends on the quality of blank discs.

7. References

7.1 Warranty

Please send the unit in its original shipping carton to the store you purchased. Prior to shipping the unit back, you must refer to their RMA policy to assure proper processing. You are responsible for the shipping charges on equipment returned for analysis or repair.

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