Lab Diskette Master Manual
version 2.11

What Lab Diskette Master Does

Lab Diskette Master stops unauthorized permanent changes from being made to your Macintosh lab's diskettes. These changes could be unusual, unexpected settings made to the system and application files by a lab's users or by a computer virus.

The only way to protect your lab's diskettes from these kinds of changes, with 100% assurance, is to take the time to format (erase) and recopy each diskette each time a user turns one in. This way, the next lab user to use that diskette would be guaranteed a perfect diskette. The trouble is, Macintosh lab operators rarely have the time to do this (or the inclination).

With Lab Diskette Master on a Mac's hard disk (or AppleShare file server) in your lab, your lab operator(s) can quickly reformat and recopy your lab diskettes WITHOUT moving the mouse, looking at the screen, and handling several diskettes. All they have to do is insert one lab disk in the Mac and let it automatically read the disk's name, select the proper folders from the hard disk, format the disk, and copy the files onto the disk. It even works for boot disks.
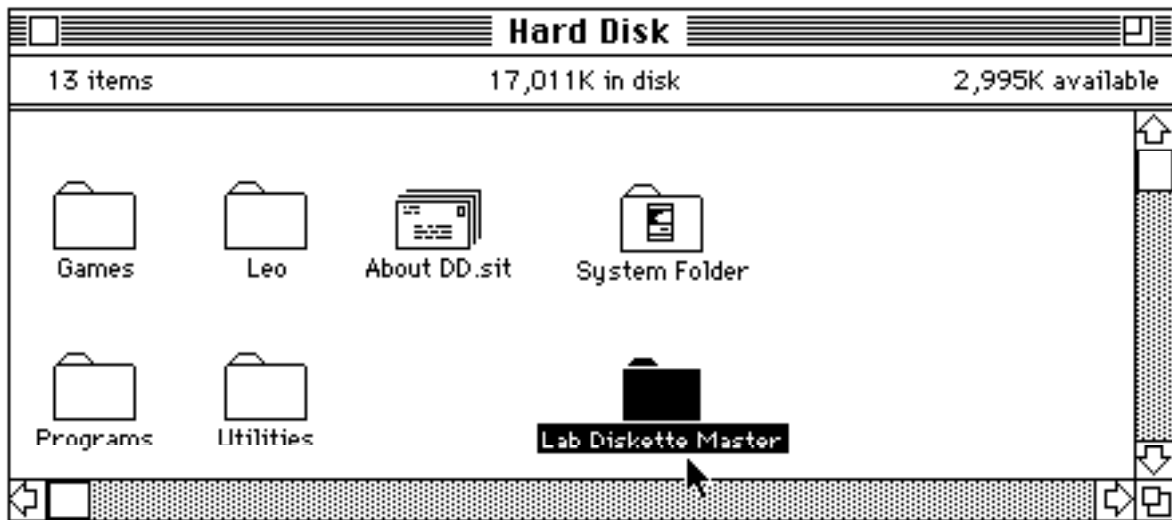
System Requirements

A Mac 512KE, Plus, SE, or II, and a hard disk drive. This has been tested successfully with 800KB and 1.44MB diskettes and system software up to version 6.0.3 running FINDER (not MultiFinder). This has also been tested successfully in a folder on an AppleShare ver. 2.0 file server.
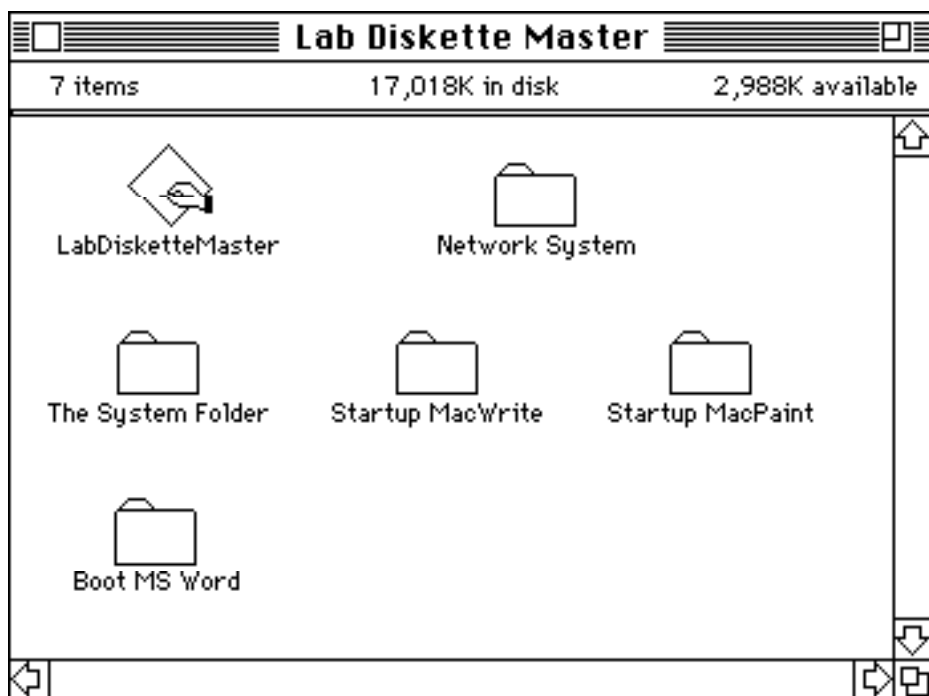
How to Install, Set Up, and Use It

Copy "Macintalk" into the System Folder of your hard disk. For "Macintalk" to take effect, you'll have to reboot your Macintosh.

On your hard disk (or AppleShare file server), make a new folder for Lab Diskette Master. Insert the Lab Diskette Master diskette into your Mac and copy (drag) the "Lab Diskette Master" application into the new folder. Eject the Lab Diskette Master diskette.

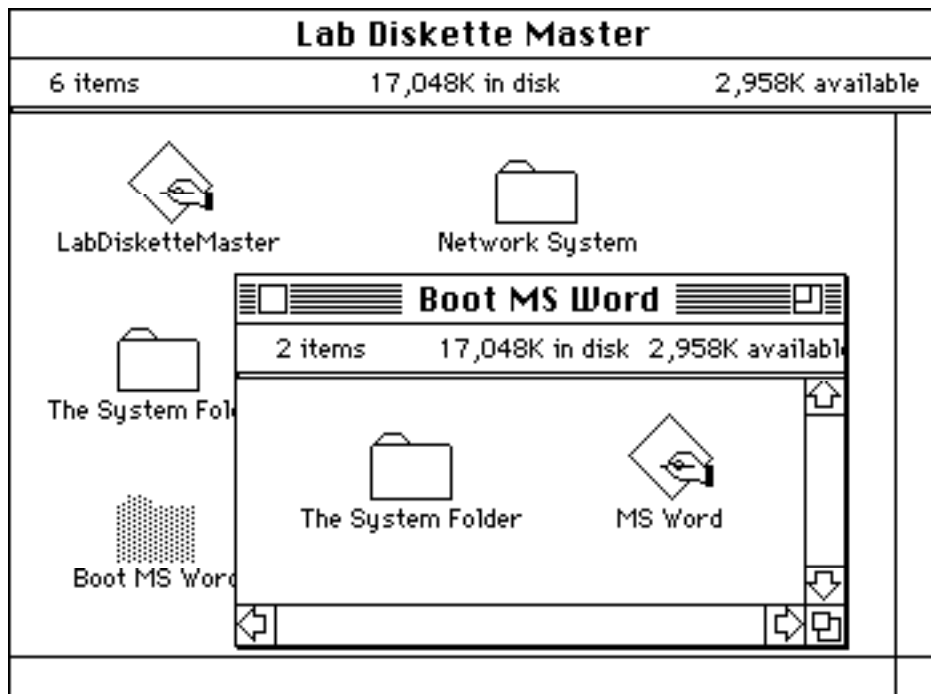**Making Lab Diskette Master folder on hard disk**

Then, inside Lab Diskette Master's folder, make a new folder for each of your lab diskettes (one folder per diskette, appropriately named). Copy the contents of each diskette into its own folder. But if your application diskettes have system folders, read the next paragraphs.

```
▦ ▢ ▤▤▤▤▤▤  Lab Diskette Master  ▤▤▤▤▤▤ ▣▤
7 items          17,018K in disk         2,988K available

  LabDisketteMaster          Network System

  The System Folder   Startup MacWrite   Startup MacPaint

  Boot MS Word
```

Making diskette folders inside Lab Diskette Master folder

If your lab uses startup (or system or boot) diskettes with an application on them, and you wish to use the exact same System Folder on each application diskette, begin the folder names for each diskette with "Startup" (e.g., "Startup MacWrite" and "Startup MacPaint"). Then, inside each folder place the files/folders you want on each diskette, EXCEPT the System Folder. The System folder that will be copied onto each "Startup" diskette must be named "The System Folder" and reside in the same folder as the Lab Diskette Master application. This specially-named folder will be copied onto every disk whose application folder's name has "Startup" in it.

On the other hand, if some of your boot diskettes have applications on them, but the system folders have different contents, then (1) don't use the word "Startup" in the diskette's folder name and (2) name the diskette's system folder "The System Folder" and place it inside the diskette's folder (along with the other files/folders that should be copied onto the diskette, see the "Boot MS Word" folder's contents below for an example).
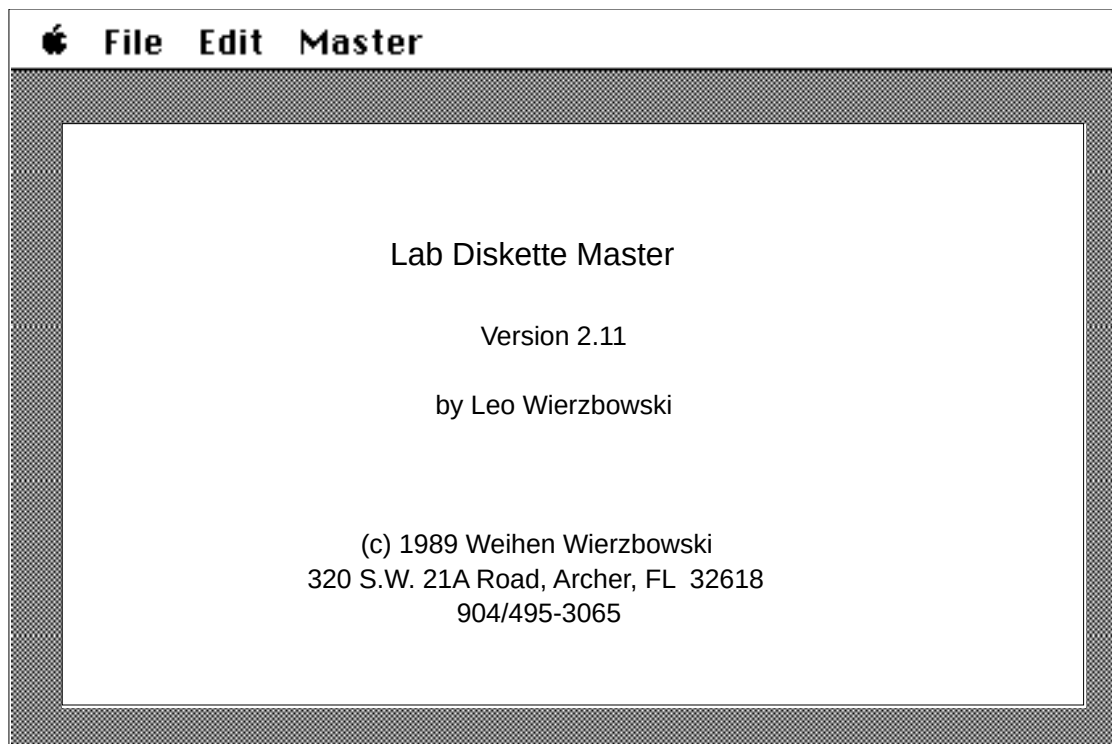
```
┌─────────────────────────────────────────────────────┐
│              Lab Diskette Master                     │
├─────────────────────────────────────────────────────┤
│ 6 items         17,048K in disk      2,958K available│
├─────────────────────────────────────────────────────┤
│                                                      │
│   ◇                      ┌──┐                        │
│  LabDisketteMaster       Network System              │
│                                                      │
│   ┌──┐    ┌──────── Boot MS Word ─────────┐          │
│   The Sy  │ 2 items  17,048K in disk 2,958K availabl │
│           ├───────────────────────────────┤          │
│           │                            ⬆  │          │
│           │    ┌──┐         ◇              │          │
│   ⣿⣿⣿     │  The System Folder   MS Word   │          │
│  Boot MS  │                            ⬇  │          │
│           └───────────────────────────────┘          │
│                                                      │
└─────────────────────────────────────────────────────┘
```

Contents of diskette folder that has unique system folder

If your lab uses a special network startup diskette, create a new folder named,
"Network System". Drag the system files you use on your network startup diskette
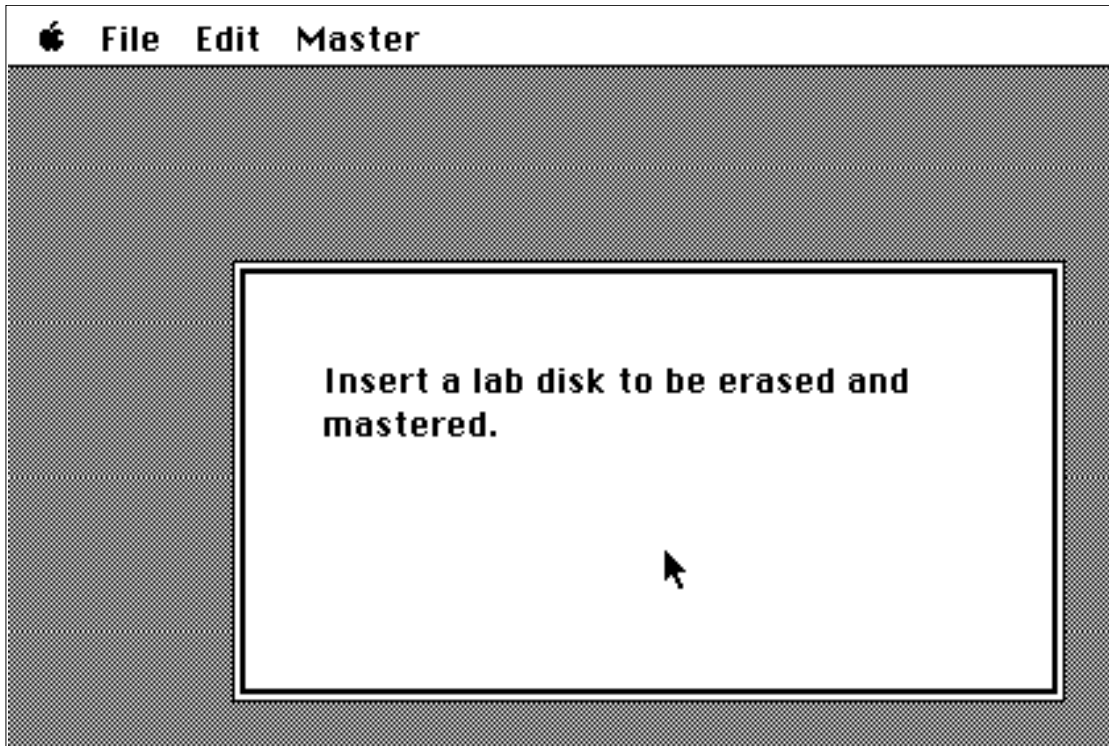into this folder. This is a specially-named folder.

Diskettes named "Network System", or having names containing "Startup", or having
a system folder named "The System Folder" will be made bootable by Lab Diskette
Master.

How to Use It

Open (double-click) the Lab Diskette Master application. You should see:

```
┌─────────────────────────────────────────────────────┐
│  🍎  File  Edit  Master                              │
├─────────────────────────────────────────────────────┤
│ ░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░ │
│ ░┌─────────────────────────────────────────────┐░░░ │
│ ░│                                             │░░░ │
│ ░│                                             │░░░ │
│ ░│              Lab Diskette Master            │░░░ │
│ ░│                                             │░░░ │
│ ░│                 Version 2.11                │░░░ │
│ ░│                                             │░░░ │
│ ░│              by Leo Wierzbowski             │░░░ │
│ ░│                                             │░░░ │
│ ░│                                             │░░░ │
│ ░│                                             │░░░ │
│ ░│           (c) 1989 Weihen Wierzbowski       │░░░ │
│ ░│         320 S.W. 21A Road, Archer, FL 32618 │░░░ │
│ ░│                 904/495-3065                │░░░ │
│ ░│                                             │░░░ │
│ ░└─────────────────────────────────────────────┘░░░ │
│ ░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░░ │
└─────────────────────────────────────────────────────┘
```

Click the mouse button once (or wait five seconds) and let the Mac ask for a disk:

```
 File   Edit   Master


         Insert a lab disk to be erased and
         mastered.


                            ▶
```
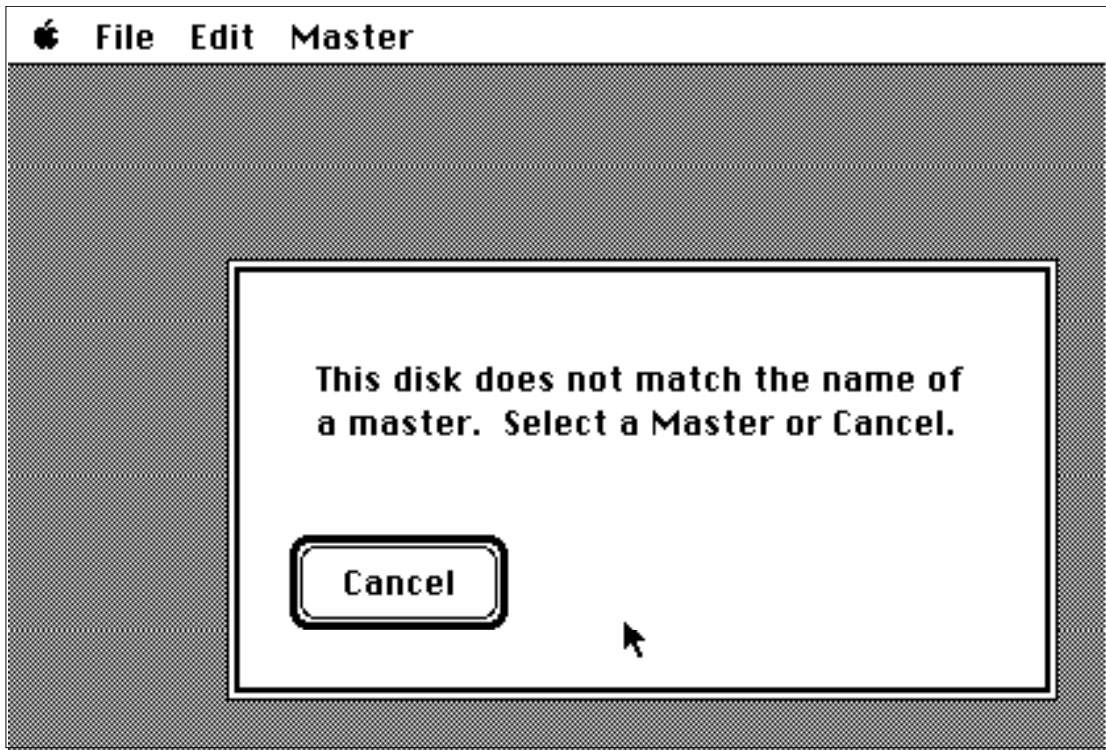
Insert a diskette.

If it recognizes the diskette as one it has reformatted and recopied before, it will do it again automatically after a five second pause (chance for you to cancel or choose another master).

```
 File   Edit   Master


         This disk will be erased and become a
         Startup MacWrite disk unless you
         cancel quickly.

        ┌──────────┐
        │  Cancel  │
        └──────────┘
                          ▶
```

If it can't recognize the diskette, it will wait for you to decide what to do with it. You can cancel it from doing anything to the diskette or you can select a master from the master menu:

```
     File  Edit  Master
```

This disk does not match the name of
a master. Select a Master or Cancel.

Cancel

Once it has finished with the diskette, it ejects it and is ready for you to
insert another one.

To stop Lab Diskette Master, just select "Quit" under the "File" menu.

The License to Use It

Lab Diskette Master and its documents are licensed only as an annual, unlimited-
copies, site-licensed product. The person or corporation or government entity who
acquires the license has the right to make and install and run as many copies as
he likes on the computers he owns or leases for one year from the date the license
is purchased or renewed.

The license is granted at different prices, depending upon the amount of support
you want:

Amount of Support	License Price
None	$20.00
Automatic Shipment and Technical Support	$100.00

Your amount of support can be upgraded any time, by simply paying the difference
between what you bought and what you want. Orders and payment (P.O.s OK) are made
to Weihen Wierzbowski, 320 S.W. 21A Road, Archer, FL, 32618, SSN 262-85-6608,
voice telephone 904/495-3065.

The Different Support Levels

None means you get the manual and software on diskette, and that's all. If you
have a technical question, you can write to the address above and send a self-
addressed, stamped envelope for our reply. Of course, defective materials are
replaced promptly and at no charge to you.

Automatic Shipment means when we make new versions of Lab Diskette Master, you'll get them in the mail immediately without having to order them.

Technical Support gives you the right to call and ask us questions and get straight answers during normal business hours, eastern time.

How to Get Help

First read the manual again. If you don't find the answer there, then:

If you didn't purchase technical support: write Weihen Wierzbowski, 320 S.W. 21A Road, Archer, FL, 32618. Include your registration number and a SASE.

If you purchased technical support: You may call us at 904/495-3065.

Lab Diskette Master's Limits

Up to 31 diskettes can be mastered (listed in the Master menu). Up to 60 files and 20 folders can be copied onto one diskette.

Lab Diskette Master Legal Matters

I make no warranties, express or implied, that Lab Diskette Master is free of error, or is consistent with any particular standard of merchantability, or that it will meet your requirements for any particular application. It should not be relied on when an incorrect diskette could result in injury to a person or loss of property. If you do use Lab Diskette Master in such a manner, it is at your own risk. I disclaim all liability for direct or consequential damages resulting from your use of this program.

Error Messages

When something happens that Lab Diskette Master doesn't expect, you'll see an error message on the screen. The messages listed below are the ones you can do something about:

Files exceed diskette space. Processing ended. The total of all the files' sizes in the master's folder (and "The System Folder" if this is a "Startup" master) you've selected to be copied onto the diskette will not fit on the diskette. This is either due to a diskette of the wrong capacity or your trying to squeeze too much stuff onto one diskette. You should reexamine the total size of all the files you've placed in the master's folder and remove some if necessary. You can also check the number of files, fonts, and DAs in the system file in "The System Folder", if this is a "Startup" master. The easy way to add the total sizes of all files is to select (on the hard disk) the master's folder, then select "Get Info" under the "File" menu from the desktop. If this is a "Startup" master, also do this for "The System Folder".

MacInTalk not in System Folder. You need to copy (drag) the "MacInTalk" file into the system folder of the hard disk and restart the Mac if you want the Mac to talk to you.

All others below indicate a weird error occurred during a file copy operation and should be reported to us. Although listed below, we do not expect you to actually ever see any of these errors. The purpose of the list is to let you know whether or not an error message you see is from Lab Diskette Master:

```
Allocate oRF
Allocate
Close kDirs CopyDirs
Close kFiles CopyFiles
Create
DIFormat error
DIVerify error
DIZero error
eject error
Erase fileOfDirs CopyFiles
Erase fileOfFiles CopyFiles
Flush diskette CopyDirs
Flush diskette CopyFiles
FSOpen
FSRead iData
FSRead iRF
FSWrite oData
FSWrite oRF
GetEOF iRF
GetEOF
GetFInfo
GetVInfo in Zapit error
masters not closed
masters not reset
NewPtr CopyMasterFolder
OpenRF oFName
PBDirCreate
PBOpen
PBOpenRF
Read kDirs CopyDirs
Read kFiles CopyFiles
Reset kDirs GetLists
Reset kFiles GetLists
ReWrite kDirs GetLists
ReWrite kFiles GetLists
set finder info CopyFiles
UnmountVol error
Write kDirs GetLists
Write kFiles GetLists
```