

Apple SuperDrive

User's Guide

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Important

This equipment has been tested and found to comply with the limits for a Class B digital device in accordance with the specifications in Part 15 of FCC rules. See instructions if interference to radio or television reception is suspected.

Radio and television interference

The equipment described in this manual generates, uses, and can radiate radio-frequency energy. If it is not installed and used properly—that is, in strict accordance with Apple's instructions—it may cause interference with radio and television reception.

This equipment has been tested and found to comply with the limits for a Class B digital device in accordance with the specifications in Part 15 of FCC rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

You can determine whether your computer system is causing interference by turning it off. If the interference stops, it was probably caused by the computer or one of the peripheral devices.

If your computer system does cause interference to radio or television reception, try to correct the interference by using one or more of the following measures:

- Turn the television or radio antenna until the interference stops.
- Move the computer to one side or the other of the television or radio.
- Move the computer farther away from the television or radio.
- Plug the computer into an outlet that is on a different circuit from the television or radio. (That is, make certain the computer and the television or radio are on circuits controlled by different circuit breakers or fuses.)

If necessary, consult your authorized Apple dealer or an experienced radio/television technician for additional suggestions. You may find helpful the following booklet, prepared by the Federal Communications Commission: *Interference Handbook* (stock number 004-000-00345-4). This booklet is available from the U.S. Government Printing Office, Washington, DC 20402.

△ **Important:** Changes or modifications to this product not authorized by Apple Computer, Inc., could void the FCC Certification and negate your authority to operate the product.

This product was tested for FCC compliance under conditions that included the use of shielded cables and connectors between system components. It is important that you use shielded cables and connectors to reduce the possibility of causing interference to radios, television sets, and other electronic devices. For Apple peripheral devices, you can obtain the proper shielded cables from your authorized Apple dealer. For non-Apple peripheral devices, contact the manufacturer or dealer for assistance. △

DOC Class B Compliance This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the radio interference regulations of the Canadian Department of Communications.

Observation des normes—Classe B Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la Classe B prescrites dans les règlements sur le brouillage radioélectrique édictés par le Ministère des Communications du Canada.

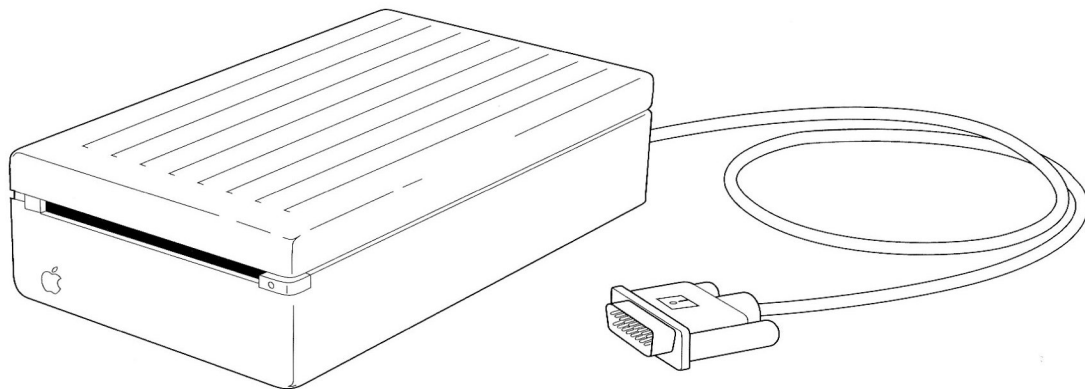
About your Apple SuperDrive

You can use your Apple SuperDrive with most Apple II computers (the Apple IIgs, IIe, and IIc Plus) and with Macintosh computers.

The SuperDrive is capable of storing and retrieving information on 1.4 MB disks as well as on 400K and 800K disks. When used with an Apple II computer, it can be connected as one of a series of up to four floppy disk drives. When used with a Macintosh computer with appropriate software, it can also store and retrieve information on disks formatted for MS-DOS computers.

Whether you can take advantage of all of these capabilities depends on your computer system and on the software you use. This user's guide tells you how to connect and use the Apple SuperDrive with both Apple II and Macintosh computers. If you need more information about your computer system and the software you use, see the manuals that came with them.

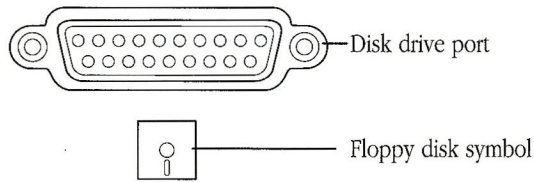
△ **Important:** Read all the installation instructions, including the important safety precautions, before you use your SuperDrive. Keep the instructions handy for use by you and others. △



Connecting your SuperDrive

If you have a Macintosh

You can use the Apple SuperDrive with any Macintosh computer system that has a disk drive port. The disk drive port is on the back of the computer, and is marked with a floppy disk symbol.



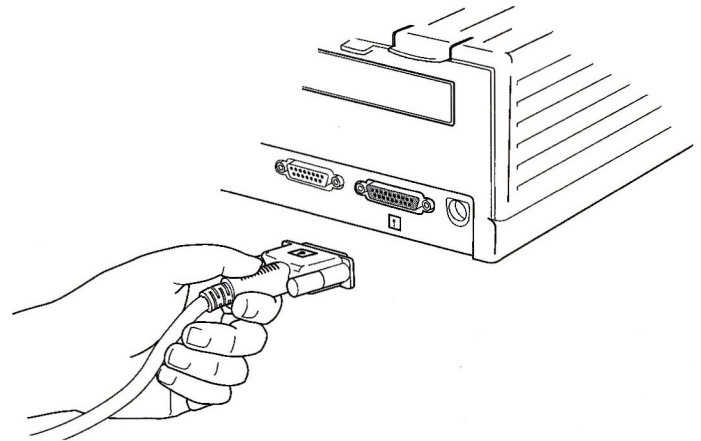
❖ *Note:* The kinds of disks you should use with your SuperDrive depend upon the capabilities of your computer and the version of system software you are using. See the section "Using Your SuperDrive" for more information. ❖

To connect the SuperDrive to your Macintosh computer, follow these steps:

1. Turn off the computer if it is not already off.

▲ **Warning:** Leaving your computer on while you connect the disk drive could damage both the computer and the drive. ▲

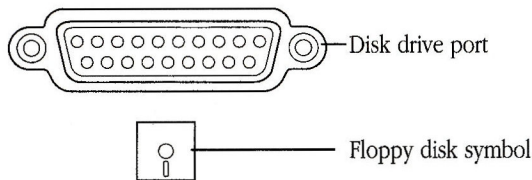
- 2. Touch one of the metal parts of the disk drive port to discharge any static electricity that may be on your body.**
- 3. Plug the SuperDrive cable into the disk drive port on the back of the computer and tighten the thumbscrews.**



4. Turn on the computer.

If you have an Apple II

You can connect your SuperDrive to the disk drive port on the back of an Apple IIgs or an Apple IIc Plus computer. (The disk drive port is marked with a floppy disk symbol.)



You can also connect your SuperDrive to a connector on an appropriate controller card installed in an Apple IIe or Apple IIgs computer. (The connector looks the same as the disk drive port, but it isn't marked with a floppy disk symbol.) If you're not sure whether your controller card works with the SuperDrive, see your authorized Apple dealer or representative.

❖ *Note:* The kinds of disks you should use with your SuperDrive depend upon the capabilities of your computer and the version of system software you are using. See the section "Using Your SuperDrive" for more information. ❖

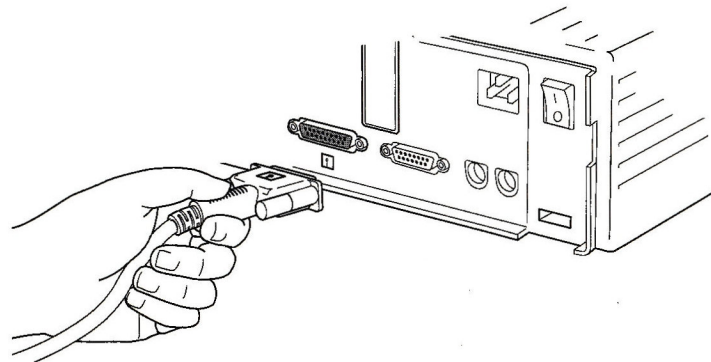
To connect the SuperDrive to your Apple II computer, follow these steps:

1. Turn off the computer if it is not already off.

▲ **Warning:** Leaving your computer on while you connect the disk drive could damage both the computer and the drive. ▲

2. Touch one of the metal parts of the disk drive port to discharge any static electricity that may be on your body.

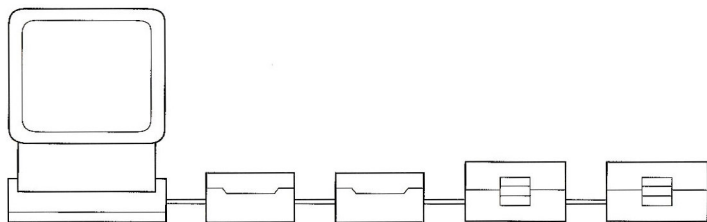
3. Plug the SuperDrive cable into the disk drive port (or to the connector on your disk controller card) on the back of the computer and tighten the thumbscrews.



4. Turn on the computer.

Installing another external drive

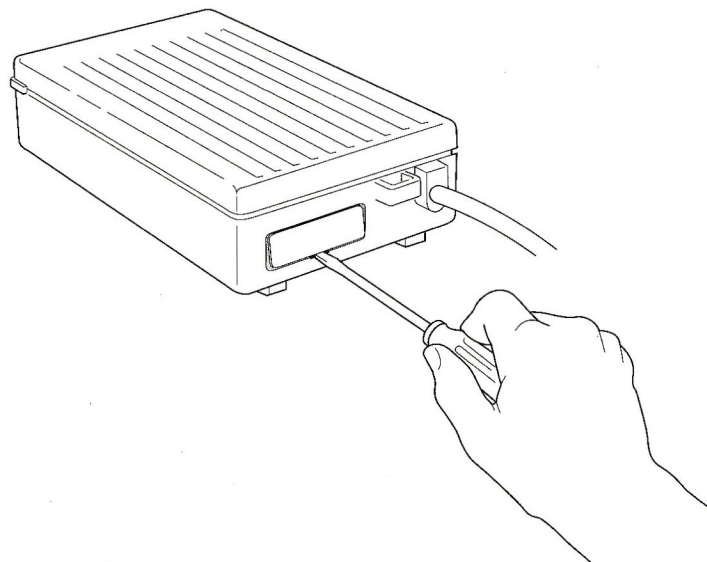
When you want to connect another disk drive to your Apple II, you connect it to your SuperDrive in what's called daisy-chain fashion. You can connect up to four disk drives in a daisy chain. The disk drives in a daisy chain do not all have to be SuperDrives, but the SuperDrives should be closest to the computer in the chain.



Up to four devices can be connected to your Apple II in a daisy chain. Your SuperDrive or SuperDrives should be nearest to the computer.

To connect another drive to your SuperDrive, follow these steps:

1. **Turn off your computer.**
2. **Pry the plastic connector cover from the back of the SuperDrive with a flat-bladed screwdriver.**



3. **Plug the second drive's cable into the connector on the back of the first drive and tighten the retaining screws.**

Using your SuperDrive

Choosing disks

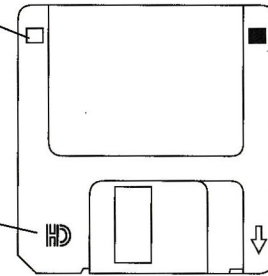
The Apple SuperDrive can store and retrieve data on 1.4 MB (high-density) disks as well as on 400K and 800K disks. You can always use 400K and 800K disks in your SuperDrive. You can take advantage of the greater storage capacity of 1.4 MB disks if your computer or disk controller card has that capability.

- If you have an Apple IIGs or IIe, you need a special disk controller card to use 1.4 MB disks in your SuperDrive.
- If you have a Macintosh, you can use 1.4 MB disks in your SuperDrive if the computer's internal floppy disk drive can use 1.4 MB disks, and if you are using system software version 6.0 or later.
- If you are not sure whether you can use 1.4 MB disks, see the manuals that came with your computer or disk controller card.

You can recognize 1.4 MB disks by the additional hole in the plastic casing of the disk and by the letters *HD* (for high density). Do not insert 1.4 MB disks in 400K or 800K disk drives; those disk drives cannot store or retrieve data on 1.4 MB disks.

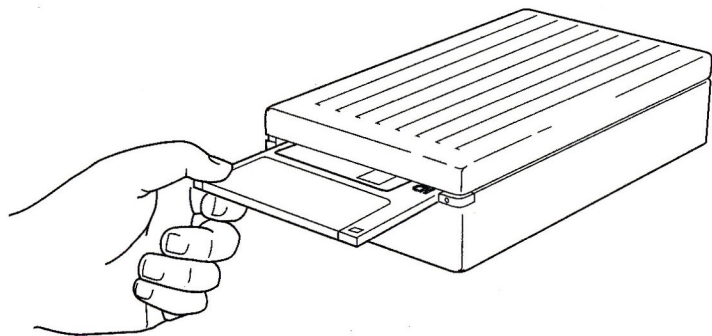
This hole appears only on high-density disks.

The letters *HD*, on all high-density disks.



Inserting a disk

To insert a disk, slide the disk into the slot in the front of the drive, metal end first, label side up. When the disk is most of the way in, the drive's internal mechanism automatically snaps the disk into place.

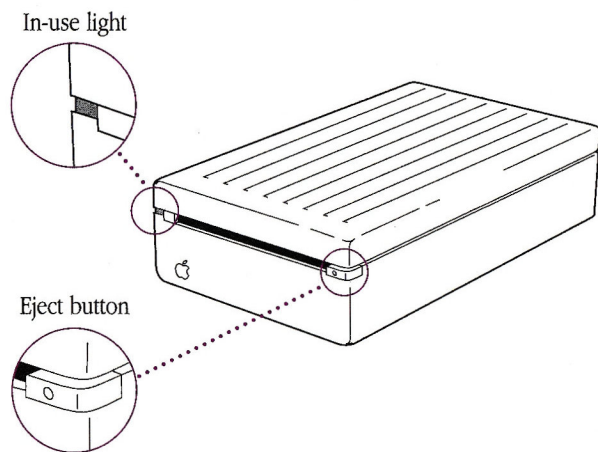


Ejecting a disk

To eject a disk while using your Macintosh or Apple IIGs (using GS/OS), drag the disk icon to the Trash. (See the manual that came with your computer for more ways to eject disks.)

To eject a disk while using your Apple IIe, IIc Plus, or IIGs (using ProDOS), make sure the light on the front of the drive is off, then push the eject button on the front of the drive. (When the light is on, it indicates that the computer is sending or receiving information to or from the disk.)

❖ *Note:* The eject button on the SuperDrive works only when the power is on, and only with an Apple II computer. ❖

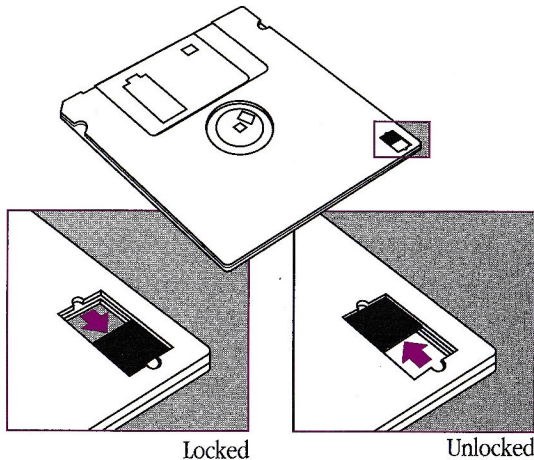


As a last resort, if you cannot eject a disk any other way, insert a straightened-out paper clip or similar object into the access hole to the right of the disk slot. Push carefully on the paper clip until the mechanism releases the disk. Do not force the mechanism by pushing too hard.

Protecting the information on a disk

All floppy disks come with a tab in the corner that allows you to protect or “lock” the disk. When a disk is locked, you cannot change the files that are on it, delete files, or store additional files.

To lock a disk, slide the tab so you can see through the small hole near the edge of the disk. To unlock a disk, slide the tab so that it covers the hole.



Cleaning your SuperDrive

Under normal use, the internal mechanism of the SuperDrive should not need cleaning. If your SuperDrive consistently fails to retrieve or store information on disks, take it to your authorized Apple dealer or service provider. See the section “Service and Support” for more information.

The outside casing of the SuperDrive can be cleaned. To clean the case, do the following:

1. **Turn off your computer and disconnect the computer’s power plug. (Pull the plug, not the cord.)**
2. **Wipe the surfaces lightly with a clean, soft cloth dampened with water.**

Important safety instructions

For your own safety and that of your equipment, always take the following precautions.

Disconnect the computer's power plug (by pulling the plug, not the cord) if any of the following conditions exists:

- you want to remove the cover (leave the cord disconnected as long as the cover is off)
- the power cord or plug becomes frayed or otherwise damaged
- you spill something into the case
- your SuperDrive is exposed to rain or any other excess moisture
- your SuperDrive has been dropped or the case has been otherwise damaged
- you suspect that your SuperDrive needs service or repair
- you want to clean the case (use only the recommended procedure described in the section "Cleaning Your SuperDrive")

Be sure that you always do the following:

- Keep your SuperDrive away from sources of liquids, such as wash basins, bathtubs, shower stalls, and so on.
 - Protect your SuperDrive from dampness or wet weather, such as rain, snow, and so on.
 - Follow all instructions and warnings dealing with your system.
- ▲ **Warning:** Electrical equipment may be hazardous if misused. Operation of this product, or similar products, must always be supervised by an adult. Do not allow children access to the interior of any electrical product and do not permit them to handle any cables. ▲

Service and support

To help you get the best performance from your system, Apple Computer has established authorized Apple dealers who offer full support. If you need answers to technical questions or information about product updates, your authorized Apple dealer can help you. Apple's technical support organization backs each dealer and international technical support group via an AppleLink network, a state-of-the-art on-line electronic information service, to ensure prompt, reliable assistance.

Your dealer has the latest information on new hardware and software products as well as product updates. If you wish to upgrade your system, your dealer can help you select compatible components.

If your product requires service, your local authorized Apple dealer is trained and ready to support you. Apple provides factory-quality parts and the latest available diagnostic equipment to the more than three thousand authorized Apple service centers throughout the world. Apple guarantees parts and warranty labor. (Regulations in each country determine the length of warranty. Some restrictions may apply, depending on the country of original purchase.)

If for some reason you cannot return to the authorized dealer from whom you purchased your system, go to the nearest service location. For the location nearest you, in the United States or Canada, call or write to one of the following:

Apple Computer, Inc.
Customer Relations
20525 Mariani Avenue
Cupertino, CA 95014-6299
U.S.A.
800-538-9696

Apple Canada, Inc.
7495 Birchmount Road
Markham, Ontario, L3R 5G2
Canada
800-268-7796 or
800-268-7637

For locations in other countries, either call the Apple headquarters in your country or write to the United States address given above.

Apple also offers service plans designed to meet your needs. One of these is the AppleCare Service Agreement (available in the United States, Canada, and Australia only), which extends full warranty coverage up to three years. Your AppleCare contract will be honored at any participating authorized Apple dealer within the country of purchase—an added benefit if you relocate. Local service means time saved in getting your Apple system back to work.

You can purchase AppleCare at any time, but it's a good idea to purchase it with your system, or at least before your warranty has expired, to avoid an inspection at your own expense.

Downloaded from www.Apple2Online.com

The Apple Publishing System

This Apple manual was written and edited on a desktop publishing system using Apple Macintosh computers and Microsoft Word. Proof pages were created on Apple LaserWriter printers and on the QMS ColorScript 100 color printer. Final pages were produced in QuarkXPress and output directly to separated film on an AGFA Compugraphic ProSet 9000 series imagesetter. Line art was created with Adobe Illustrator. Cover art was produced with Adobe Photoshop.

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