

IBM REFERENCE GUIDE

Equipment You Need

1. TV or monitor (Black and white will work, but color is better.)
2. IBM PC or XT with 128K memory and an IBM color card (turned on), or the PCjr, with the BASIC cartridge inserted.
3. Disk drive
4. Disk Operating System (DOS) version 2.0 or 2.1 (Poster will also accept version 1.1)

Preparing the Program Disk

Before you use this program for the first time, you'll need to add a copy of your DOS program to it. This procedure is called "installing" DOS. To install DOS onto your program disk, follow the steps below. After you've completed them, you'll be able to start the program with the program disk alone. No DOS disk will be necessary after you have installed it once.

To install DOS:

1. Make sure your computer is turned off.
2. Turn on your monitor.
3. Insert the DOS disk that comes with the IBM system. If you have two drives insert DOS into drive A (on the left).
4. Turn on the computer. Instructions will appear on the screen telling you to enter the date and time. Just press the **ENTER** key twice to skip over this information, since you won't be needing it for this program. Then you will see the A > prompt. Now you're ready to install DOS.
5. *IF YOU HAVE TWO DISK DRIVES:*
 - Leave the DOS disk in drive A and insert the program disk in drive B.
 - If you have an IBM XT, type "PCXT" and press **ENTER**.
 - If you have an IBM PC, type "B:PC" and press **ENTER**.
 - If you have an IBM PCjr, type "PCJR" and press **ENTER**.

IF YOU HAVE ONE DISK DRIVE:

- Remove the DOS disk from drive A and insert the program disk.
- If you have an IBM XT, type "PCXT" and press **ENTER**.
- If you have an IBM PC, type "A:PC" and press **ENTER**.
- If you have an IBM PCjr, type "PCJR" and press **ENTER**.

You will be prompted to swap disks several times during the installation procedure. Follow these prompts.

6. After DOS has been installed, the computer will give you this message: "Your program disk is now ready to use. Please put a write protect tab over the notch." If you do not get this message, DOS has not been installed.
7. After you get the message that DOS has been installed, the A > prompt will appear again. The program disk is now ready to use.

NOTE: Never remove or insert a disk while the disk drive's red light is on.

Loading the Program Disk

1. Insert the program disk (with DOS added) into the disk drive. Be sure to insert the disk with the label facing up, and be sure not to touch the exposed surface of the disk. (If you have two disk drives, place the program disk in drive A, the drive on the left.)

NOTE: If you are using a PCjr, be sure that the BASIC cartridge that came with your machine is inserted. (See your PCjr user's manual for instructions.)

2. Close the disk drive door.

3. Turn on the monitor.

4. Turn on the computer. After the computer does a memory check, the red light on the disk drive will come on and the drive will make some noises. At this point, both the DOS and the program are being loaded from the disk into the computer. The light remains on during the loading process.

5. When the program finishes loading you'll see the program title screen. Press **ENTER** whenever the computer tells you to, and you're on your way!

What To Do if the Program Won't Load

If for some reason the program does not load, try the following steps:

1. Open and close the door on the disk drive. Then press the **DEL** key while you are holding down the **CTRL** and **ALT** keys. This will restart the program. Sometimes a disk doesn't load because it isn't centered properly the first time.

2. You may not have installed DOS on your program disk properly. To be sure, repeat the DOS installation procedure.

3. If the program still won't load, your disk drive may need some adjusting. Try loading a different program disk with your drive. If the system still doesn't work, take your drive to an authorized repair center for adjustment. If another disk loads, but this program disk doesn't, return this disk to Scholastic for replacement. (See enclosed warranty card.)

Notes on the Program

Data Disk: If the program asks for a data disk, and you have one drive, take the program disk out of the drive and insert the data disk. (**IMPORTANT:** You will need to format and initialize the data disk before it can be used with this program. See the handbook that came with the program for more information.) Follow the computer prompts whenever you are asked to swap disks. If you have two drives, put the data disk in drive B—the drive on the right.

Arrow Keys: The ← (back arrow) key is located at the top right-hand corner of the keyboard, or you can use the back arrow key on the right side of the keyboard which has the number "4" on it (on the PC XT and PC), or **Pg Up** (on the PCjr).

The → (forward arrow) key is located on the right side of the keyboard, and has the number "6" on it (on the PC XT and PC), or **Pg Dn** (on the PCjr).