

## **Windows 95 - Installing and Using MS-DOS Applications**

---

This document contains basic installation instructions for installing MS-DOS based applications in Windows 95. This document assumes that the 'Run MS-DOS Applications' icon is installed on the Windows 95 desktop and is correctly configured with the CD-ROM and sound card drivers. This document assumes the CD-ROM drive letter is G: and the hard drive is C:.

**Note:** It is important that you refer to the Installation Instructions which are provided by the Software Publisher while installing or configuring any software on to your personal computer.

### **Finding Sound Card Settings**

Before installing some MS-DOS applications, it may be necessary to know the specific hardware settings for the sound card. If you do not need to know the sound card settings, proceed to the next section; otherwise continue with the following steps:

1. Right click the mouse on the My Computer icon in the upper left hand corner of the screen.
2. Click on Properties on the menu that appears on-screen.
3. The System Properties window appears. Across the top of the screen are four tabs: General, Device Manager, Hardware Profiles, and Performance.
4. Click the Device Manager tab to open it.
5. A list of the computers components appears on the left hand side of the screen.
6. Click the + symbol beside the Sound, Video and Application Controllers option to display the sound card type.
7. Click the sound card type to highlight it.
8. Click the properties button in the lower left hand side of the screen. Across the top of the screen are four tabs: General, Driver, and Resources.
9. Click the Resources tab to open it. This displays the settings for the sound card.
10. Write down the sound card settings.

**Note:** Please do not change any of the settings.

11. Click the OK button on the bottom of the window to return to the Windows 95 Desktop.
12. The sound card properties windows appears. Across the top of the screen are three tabs: General, Driver, and Resources.
13. Click the Resources tab to open it. this displays the settings for the sound card.
14. Write down the sound card settings. *Please do not change any of the settings.*
15. Click the OK button on the bottom of the window to return to the Windows 95 Desktop.

**What Sound Card To Select When Configuring a Software Application**

1. Select the option for "SoundBlaster Pro Compatible when available.
2. The default settings for the sound card should be used.
3. The Default Settings are as follows:  
Address = 220  
IRQ = 5  
DMA = 1

**Preferred Method For Adding MS-DOS Applications**

This procedure is the preferred method for adding all MS-DOS applications in Windows 95. If you add the application in this manner, Windows 95 configures the application with the settings it feels are necessary to make the application function properly. However, it isn't fool-proof. If you experience difficulties accessing the application after using the Add/Remove option listed below, proceed to the 'Alternate Method of Installing MS-DOS Applications' section of this document.

1. Click the Start button in the lower left corner of the screen.
2. Click the word Settings.
3. Click the Control Panel icon.
4. In the Control Panel window, double click the Add/Remove Programs icon. The Add/Remove Program Properties window appears.
5. Across the top of the screen are three tabs: Install/Uninstall, Windows Setup, and StartUp Disk. The Install/Uninstall tab is selected.  
Click the Install button in the upper left hand side of the screen to continue.
6. The Install Program From Floppy Disk or CD-ROM screen appears.
7. Verify that the diskette or CD-ROM is inserted in the computer. The installation wizard will automatically find the executable file, such as INSTALL or SETUP, needed to proceed with the software installation.
8. If the Installation Wizard does not find the executable file, click the Browse button
9. Locate the executable file.
10. Click the OK button.
11. Consult the manufacturers instructions for information on the command to install the program.
12. Once you locate the installation file, click the Next button to continue.
13. The software installation program begins.
14. Follow the application installation instructions.
15. Write down the name of the directory that the program installs into, such as C:\APPX.
16. This information will be used to create a shortcut to the application in the next step.
17. Once the application finishes installing, click the X in the upper right hand corner of the active window to return to Windows 95.

Note: You can install an MS-DOS based application by running its executable file. Windows 95 copies information about the application from the APPS.INF file to the application's PIF file. If it was installed under an earlier version of Windows 95, setup automatically moves its settings to the new APPS.INF file. If there is no information about the application in APPS.INF, Windows 95 uses default settings instead, or you can manually set the properties. Because Windows 95 has no separate PIF Editor, to configure an application, right-click the application's executable file, and then click Properties

**Preferred Method of Creating a Shortcut for the MS-DOS Application**

1. Right click the Start button in the lower left hand corner of the screen.
2. Click the word Explore that appears on the menu to open the Explorer application.
3. A list of folders appears on the left hand side of the screen.
4. Locate the folder name that matches the directory the application installed into, such as APPX.
5. Double click this folder to open it.
6. On the right hand side of the screen, the files in the directory appear.
7. Consult the manual or instructions that came with the application to find the command you would type to start the program if at a MS-DOS prompt.
8. Now locate that file, which has the word Application beside it and right click the file.
9. Click the words Create Shortcut that appears on the menu.
10. A shortcut to this application is created within the directory. This Shortcut can be moved onto the Windows 95 desktop or to a folder on the Windows 95 desktop for easier access.
11. To move the Shortcut for the application to the desktop in Windows 95, simply click and drag it onto the desktop.
12. To move the Shortcut into a folder on the desktop, right click the mouse on an open spot on the desktop.
13. Click the word New that appears on the desktop, then click the word Folder.
14. A folder called New Folder appears on the desktop.
15. To change the name of the folder, right click it, then click Rename and type a new name.
16. To access the program, make sure the applications CD is in the CD-ROM drive if necessary.
17. Double click the icon you just created to access the application.
18. If the application does not function properly, first check the documentation that came with the application for any troubleshooting tips.
19. If you are still unable to run the application, proceed to the next section.

Note: If the application does not function properly, first check the documentation that came with the application for any troubleshooting tips. If you are still unable to run the application, you may wish to contact the Software Manufacturer's Technical Support Line.

**To Change the Name of A Folder**

1. To change the name of the folder, right click it, then click Rename and type a new name.
2. To access the program, make sure the applications CD is in the CD-ROM drive if necessary.
3. Double click the icon you just created to access the application.

Technical Fax #126

December 4, 1996

---

**Alternate Method of Installing MS-DOS Applications**

1. Double click the 'Run MS-DOS Applications' icon on the Windows 95 desktop.
2. This will boot the computer into MS-DOS mode.
3. At the C:\> prompt type the command, such as <DRIVE LETTER>:\SETUP or INSTALL, necessary to install the application.
4. Consult the documentation that came with the application for this command.
5. Note: Replace <DRIVE LETTER> with the appropriate letter the program installs from, such as A:\ or G:\.
6. When prompted for a sound card type, use the information found in the 'Finding the Sound Card Settings' section of this document.
7. When finished installing the application, exit the installation program.
8. At the C:\> prompt type: exit and press Enter to return to Windows 95.

**Alternate Method of Creating a Shortcut for the MS-DOS Application**

1. Right click the 'Run MS-DOS Applications' icon on the Windows 95 desktop.
2. Click the word Copy that appears on the menu.
3. Right click again on an open spot on the Windows 95 desktop.
4. Click the word.
5. Paste that appears on the menu.
6. Another icon titled 'Copy of Run MS-DOS Applications' appears on the desktop.
7. Right click the 'Copy of Run MS-DOS Applications' icon.
8. Click the word Properties on the menu that appears.
9. Across the top of the screen are six tabs: General, Program, Font, Memory, Screen, and Misc.
10. Click the Program tab to open it.
10. Click the Advanced button on the bottom center of the screen.
11. The Advanced Program Settings window appears.

**Alternate Method of Creating a Shortcut for the MS-DOS Application**

1. To further customize this icon, click the Change icon button in the lower right hand corner of this window.
2. Select a unique icon for this application.
3. When completed with this, click the OK button until you return to the Windows 95 desktop.
4. Right click the 'Copy of Run MS-DOS Applications' icon.
5. Click the word Rename on the menu that appears.
6. Now type: <name of the application>.
7. Press Enter to rename this icon. Note: replace <name of the application> with a unique name so you can easily identify the icon for the application.
8. Whenever you wish to play the application, simply insert the CD in the CD-ROM drive and double click the icon.
9. When you finish running the application, exit according to the application instructions.  
Type: Exit at the C:\> prompt and press Enter to return to Windows 95.

|  |
|--|
| Note: It is important that you refer to the Installation Instructions which are provided by the Software Publisher while installing or configuring any software onto your personal computer. |
|--|

**Alternate Method of Creating an Icon for the MS-DOS Application**

1. To further customize this icon, click the Change icon button in the lower right hand corner of this window.
2. Select a unique icon for this application.
3. When completed with this, click the OK button until you return to the Windows 95 desktop.
4. Right click the 'Copy of Run MS-DOS Applications' icon.
5. Click the word Rename on the menu that appears.
6. Now type: <name of the application>.
7. Press Enter to rename this icon. Note: replace <name of the application> with a unique name so you can easily identify the icon for the application.
8. Whenever you wish to play the application, simply insert the CD in the CD-ROM drive and double click the icon.
9. When you finish running the application, exit according to the application instructions.  
Type: Exit at the C:\> prompt and press Enter to return to Windows 95.