

TITANIC INSTALLATION GUIDE WINDOWS VERSION

1 INSTALLING TITANIC

Windows 95

1. Insert the Titanic CD in your computer's CD-ROM drive.
2. Select "Install Titanic" from the window that appears.
3. Follow the on-screen instructions.

Windows 3.1

1. Insert the Titanic CD in your computer's CD-ROM drive.
2. In Program Manager, select "File/Run" from the menu.
3. Type "D:SETUP", where "D:" is the drive letter of your CD-ROM drive.
4. If Titanic says you need to "Upgrade Windows", follow steps 5 through 7. Otherwise, proceed to step 8.
5. Select "Upgrade Windows" from the window that appears.
6. Follow the upgrade instructions.
7. After your computer restarts, rerun the Titanic setup program as you did in steps 2 and 3.
8. Select "Install Titanic" from the window that appears.
9. Follow the on-screen instructions.

Please read the "Upgrading Windows 3.1" section below for important instruction on ensuring that your Windows configuration is Win32s compatible.

Windows NT 3.51

1. Insert the Titanic CD in your computer's CD-ROM drive.
2. In Program Manager, select "File/Run" from the menu.
3. Type "D:SETUP", where "D:" is the drive letter of your CD-ROM drive.
4. Select "Install Titanic" from the window that appears.
5. Follow the on-screen instructions.

If you have trouble installing Titanic, see the section "Troubleshooting -- General" for more information.

2 UNINSTALLING TITANIC

Titanic is designed to be easily removed from your computer when you are finished playing. To uninstall Titanic, select the Titanic icon as you normally would to play, and choose " Uninstall" from the title screen. Then, follow the on-screen instructions.

Windows 3.1 users may want to remove Win32s and WinG from their computer, although doing so is not recommended, as it may cause other programs that use these components to stop working. If you know what you're doing and want to remove them anyway, see the instructions in the "Troubleshooting -- Windows 3.1" section.

3 TECHNICAL SUPPORT

Cyberflix provides technical support via telephone, fax, America Online, and the Internet.

Telephone

The Cyberflix Help Line is (423) 546-7846. Customer support technicians are available from noon to 5 PM Eastern time to assist you with any problems you may have. We also have an automated help service available day and night at the same number.

Fax

You may fax your questions to us at (423) 546-0866. We will respond to faxes promptly via voice telephone or return fax.

America Online

Technical support questions can be sent via email to "CYBERFLIX".

Internet

We provide four forms of technical support on the Internet:

- World Wide Web** The Cyberflix Web server is www.Cyberflix.com, and is available via the following URL: "http://www.Cyberflix.com".
- Email** You can email your technical support questions to support@Cyberflix.com.
- FTP** Patches and updates for Cyberflix products are available from our FTP site, <ftp.Cyberflix.com>.

Snail-mail

If you'd like to send us a letter, or if you need to return your Titanic CD to us for a replacement, our mailing address is:

Cyberflix, Inc.
4 Market Square
Knoxville, TN 37902

4 KEYBOARD COMMANDS

While playing Titanic, you can use the following keys:

- | | |
|-----------------------|---|
| Esc | Skips the current movie, or pauses the game |
| Arrow keys | Control the player |
| A, S, W, D | Same as the arrow keys, use the Titanic preferences to change |
| Ctrl+0 through Ctrl+9 | Set sound volume, Ctrl+0 is off, Ctrl+9 is loudest |
| Ctrl+Q | Quits the game and return to Windows |
| Ctrl+T | Toggles theme music on or off |
| Ctrl+F1 / Ctrl+F2 | Increase/decrease the brightness of the screen |
| Ctrl+F3 / Ctrl+F4 | Increase/decrease the redness of the screen |
| Ctrl+F5 / Ctrl+F6 | Increase/decrease the greenness of the screen |
| Ctrl+F7 / Ctrl+F8 | Increase/decrease the blueness of the screen |
| Ctrl+F9 | Restores the screen to its default settings |

5 UPGRADING WINDOWS 3.1

Titanic is a 32-bit Windows application. It is designed to run under Windows 3.1, Windows 95, and Windows NT. Windows 95 and Windows NT have built-in support for 32-bit applications. If you're running Windows 3.1, Titanic will install Microsoft's 32-bit extensions, Win32s, and Microsoft's graphics accelerator, WinG. These extensions are used by many other recent applications, and are a shared system resource.

Since Windows 3.1 was not originally designed to run 32-bit applications, some existing video and sound card drivers are incompatible with Win32s or WinG. To ensure that Titanic runs smoothly on your machine, you should make sure that you are using the most recent drivers available. Please look up your sound and video cards in the sections “Audio Card Manufacturers” and “Video Card Manufacturers” below, and install upgraded drivers if necessary.

If you are using Windows 3.1, you should also be sure that you are loading SHARE.EXE in your AUTOEXEC.BAT file. SHARE is a resident program that allows shared access to files on your hard drive and CDs. Make sure that the following line is in your AUTOEXEC.BAT file:

```
C:\DOS\SHARE.EXE
```

Also verify that you aren't loading the CD-ROM driver MSCDEX.EXE into high DOS memory. MSCDEX is designed to be loaded in low memory only. If either of the lines:

```
LH MSCDEX.EXE [...]
```

or

```
LOADHIGH MSCDEX.EXE [...]
```

appear in your AUTOEXEC.BAT file, edit to remove the “LH” or “LOADHIGH” keyword.

It's important that you have virtual memory set up correctly to run Win32s. Please do the following:

1. Double-click on the Control Panel icon in the Main Program Manager group to open the Control Panel, then double-click on the “Enhanced” icon.
2. Select “Virtual Memory...” and verify that you have a permanent swap file that is at least 8192 KB. If necessary, select “Change” to change your swap file settings.
3. If possible, enable 32-bit disk and file access. This will improve the performance of your hard drive and CD-ROM under Windows.

If you have any problems with Win32s, please see the first question in the “Troubleshooting -- Windows 3.1” section.

6 TROUBLESHOOTING - GENERAL

The following general question and problems apply no matter what version of Windows you're running. For specific problems, see the sections “Troubleshooting -- Windows 95”, “Troubleshooting -- Windows 3.1”, and “Troubleshooting -- Windows NT” below.

My screen is too dark

You can adjust the brightness of your screen while playing Titanic by pressing Ctrl+F1 to brighten and Ctrl+F2 to darken. If the colors in Titanic seem slightly wrong, you can change the color balance by using Ctrl+F3/Ctrl+F4 to adjust the red, Ctrl+F5/Ctrl+F6 to adjust the green, and Ctrl+F7/Ctrl+F8 to adjust the blue. If you want to reset the color balance to the default setting, press Ctrl+F9.

Titanic is too quiet / too loud

When playing Titanic, you can press Ctrl+0 through Ctrl+9 to adjust the sound volume. Ctrl+0 turns the sound off, and Ctrl+9 turns the volume up all the way. You can adjust the volume from the Preferences menu at the main screen.

Certain older sound cards, notably the original Sound Blaster, don't support changing the sound volume from software. If you own one of these cards, you'll have to manually adjust the volume on your speakers or at the back of your computer.

I'm having problems installing Titanic

If you are running Windows 3.1, your installation problems could result from incorrectly configured Win32s or virtual memory, or obsolete video or sound card drivers. See the section "Upgrading Windows 3.1" above for more information on ensuring that Windows is correctly set up to run Titanic.

If Windows is configured correctly, you should make sure that all other running application are closed before trying to install Titanic. If you have any screen savers or anti-virus software loaded, try disabling it. Also, make sure that you have at least 4 megs of free space on the drive where Windows is installed.

If all else fails, and you still can't install Titanic, please contact Cyberflix technical support for assistance. See the section "Technical Support" above for more information.

Titanic runs slowly

There are several thing you can do to speed up Titanic. First, make sure your display is running in 256 color mode. If it is running in 16 or 24 bit color mode, Titanic may run slowly. If you're using Windows 95, be sure you have the latest drivers for your sound card installed (Owners of Packard Bell machines, or Reveal or Mozart sound cards should be especially sure). See the section "Audio Card Manufacturers" below for more information on getting the latest drivers. Also, make sure that you don't have any other applications running when you're playing Titanic. Closing them can free up memory and allow Titanic to run faster. Finally, see the question "My CD-ROM drive runs slowly" in the "Troubleshooting -- Windows 95" or "Troubleshooting -- Windows 3.1" sections below.

My character moves on their own

If you have a joystick connected to your computer, make sure it's calibrated correctly. You can calibrate your joystick by choosing the "Joystick" icon in the Windows control panel. If you still have problems, you can disable your joystick by selecting "Options" from the menu that appears when you start Titanic.

Titanic says I need to change my display settings

We recommend you do. Titanic is designed to run at 640x480 resolution with 256 colors. If your screen size is larger than 800x600, Titanic will appear small on your monitor. If you are using 16-bit color (also known as 64k color or high color mode), the colors in Titanic will not look as nice as in 256 color mode. Strange as it may sound, 256 color mode actually allows cleaner and more lifelike colors than 16-bit color. Also, if you are using 16 or 24 bit color modes, Titanic will run slightly slower on your machine. If you have an accelerated video card, the slowdown might not be very bad, but on some machines it can make Titanic almost unplayable.

If you are using Windows 95, Titanic can change your screen resolution automatically, and restore it when you're finished playing. Under Windows 95 and Windows NT, Titanic can also change the number of colors that Windows uses, but it will have to restart your computer for changes to take effect, and you'll have to change the settings back by yourself. If you're using Windows 3.1, you'll have to change your display settings manually. See the question "I need to change my display settings" in the section "Troubleshooting -- Windows 3.1" below for more information.

I hear clicks or pops whenever a new sound starts playing

This is due to a badly-designed sound card or sound card driver. Certain sound cards, notably the NEC-98 and early models of the Sound Blaster 2.0, produce a noticeable click or pause when resetting the sound DAC. If you have one of these cards, the problem is unavoidable. This problem can also be caused by outdated sound drivers. Make sure that you are using the latest version of sound drivers for your card. See the section "Audio Card Manufacturers" below for more information.

The sound occasionally pauses for a second when I'm playing, then starts again

This can be caused by several things. First, you might have an outdated sound driver. Make sure you are using the latest version of the sound drivers available for your card. See the section "Audio Card Manufacturers" below for information. Second, you might have a CD-ROM drive with a slow seek rate. Certain older drives, especially single-speed drives, pause the entire system for up to a second while looking for data on the CD. This can cause the sound to drop out. Third, you might have a slow video card. If you are running Titanic in 16 or 24 bit color mode, try changing to 256 color mode. Also, see the section "Video Card Manufacturers" and make sure you are using the latest video drivers for your computer.

I keep getting read errors; it says to check my disc for scratches

If you are using Windows 3.1, this could be caused by not having SHARE.EXE loaded, or having MSCDEX.EXE loaded into high DOS memory. See the section "Upgrading Windows 3.1" above for more information. If that's not the problem, check your CD for dirt or scratches. You can clean your CD with warm, soapy water and a clean, lint-free cloth. When wiping a CD, always wipe from the center to the outside edge, like spokes on a wheel -- small scratches in this direction will not damage your CD. If cleaning your CD doesn't help, you most likely have a defective disc. Try running Titanic on another machine if possible to verify this. If you do have a bad disc, you can return Titanic to the store you purchased it from for a replacement, or you can return the disc to Cyberflix and we'll be happy to send you a replacement. See the section "Technical Support" above for more information on contacting Cyberflix.

I can't get Titanic to work under OS/2

Titanic requires Win32s version 1.25a and WinG version 1.0 to operate. At the time we released Titanic, OS/2 only had support for Win32s 1.15. If IBM chooses to upgrade their Win32s support, Titanic may run under OS/2, but it hasn't been tested on that operating system.

7 TROUBLESHOOTING - WINDOWS 95

Titanic accesses the hard drive a lot and runs slowly

First, make sure that you close any other applications before playing Titanic. This will make more of your computer's memory available to the game. Also, make sure that you have at least 16 megs of free space on the drive that is being accessed. This will increase the amount of virtual memory that is available, which will help decrease swapping.

Titanic crashes in different places and at different times

First, make sure that Windows 95 has at least 16 megs of free hard drive space on the drive it uses for virtual memory. If this doesn't help, the problem is most likely your audio, video, or CD-ROM drivers. See the three sections at the end of this

guide for information on drivers and hardware manufacturers, and make sure that you are using drivers that were designed for Windows 95. If your drivers are current and you're still having problems, please contact Cyberflix technical support for assistance. See the section "Technical Support" above for more information.

My CD-ROM drive runs slowly

First, check to make sure that Windows isn't using real-mode CD-ROM drivers. This can drastically reduce the speed of your CD-ROM drive. To check this, look in Start / Settings / Control Panel / System / Performance. It should say "Your system is configured for optimal performance". If you are warned that you're using real-mode CD-ROM drivers, you should remove the appropriate DEVICE= lines from your CONFIG.SYS file and the MSCDEX line from your AUTOEXEC.BAT file. Be careful, though, as this can cause your CD-ROM drive to be inaccessible from MS-DOS! See your Windows 95 manual for more information.

Second, check to see that CD-ROM caching is enabled and correctly set up. Look in Start / Settings / Control Panel / System / Performance / File System / CD-ROM. Your cache size should be "large" and the access pattern should be set to the correct speed for your CD-ROM drive.

Does Titanic support DirectDraw and DirectSound?

Titanic does not support DirectDraw at this time. It does support DirectSound, but not by default. If you want to enable DirectSound support, select "Options" from the menu that appears when you start Titanic, and check the box "Enable DirectSound Support".

8 TROUBLESHOOTING - WINDOWS 3.1

I get error messages from W32SXXXX / WIN32S16.DLL / WINMM16.DLL

These errors are caused by a problem or conflict in Microsoft's 32-bit Windows extensions, Win32s, or Microsoft's graphics accelerator, WinG. See the section above "Upgrading Windows 3.1" for information on these components and some common problems and solutions. If that doesn't help, perhaps one of these specific problems from Microsoft's Knowledge Base applies to your machine:

- Early drivers for Diamond Viper cards included a "Power Palette" option that is no longer supported by Diamond. They recommend that you upgrade your drivers if you have this option. WinG may be slower when power palette is enabled.
- IBM no longer supports the IBM ThinkPad 720c. There are some problems using WinG with the ThinkPad 720c display drivers.
- Cirrus drivers before version 1.43 have many known bugs which have been fixed in the more recent drivers. Be sure to upgrade your drivers if you are still running with this version.
- Some ATI drivers offer a "Crystal Fonts" option. Turning Crystal Fonts on in 8-bit modes sets up a non-palletized driver that can slow WinG significantly.
- The ATI mach8 Radical drivers cause a number of problems in both WinG and in Windows with some versions of the ATI chipset. Be aware.
- Early ATI Mach 32 PCI cards have a hardware timing problem and will hang while blitting. ATI will replace these cards for no cost.
- WinG is incompatible with the #9GXE "TurboCopy" mode. Use the #9 control panel to disable TurboCopy (it is off by default).
- WinG relies on the mmsystem timer drivers to determine display

- performance. If mmsystem.dll and timer.driv are not installed correctly, the results of the performance test may be incorrect. mmsystem.dll should appear on the drivers= line of the [boot] section of system.ini, and timer=timer.driv should appear in the [drivers] section of system.ini.
- If you are having video problems, check to see if you have an S3 video card. Certain S3 drivers which exhibit these problems can be made to work with Win32s by making the following edit to your SYSTEM.INI file before running any Win32-based applications. In the SYSTEM.INI file, you will find an entry in the [display] section "aperture-base=100". Change this entry to "aperture-base=0". Restart Windows and the display problems will no longer occur. If this does not help, obtain the latest S3 drivers. It is reported that S3 driver version 1.3 does not have this problem.
 - Make sure that the following line is in your SYSTEM.INI file: "device=*vmcpd".
 - If you have a printer driver by LaserMaster, delete it or comment it out because it interferes with installing Win32s. Then reboot the computer so that the changes you made will take effect. After you successfully reinstall Win32s, reinstall the driver or remove the comment characters. The driver interferes with installing Win32s because the LaserMaster drivers create a WINSPOOL device. The extension is ignored when the filename portion of a path matches a device name. As a result, when Setup tries to write to WINSPOOL.DRV, it fails, because it attempts to write to WINSPOOL. In fact, any Win32-based application that tries to link to WINSPOOL.DRV also fails; however, most Win32-based applications that print under Win32s do not use the WINSPOOL application programming interfaces(APIs) because they are not supported in Win32s. As a result, you can usually just disable this driver while installing Win32s and then re-enable it afterwards.

If none of these problems applies, you might try re-installing Win32s and WinG cleanly. To do this, follow the instructions given below in the section "I want to remove Win32s and WinG" from my computer. Then, re-run the Titanic setup program and select "Upgrade Windows".

If you're still having problems, please contact Cyberflix technical support for the latest troubleshooting hints and advice from our technical support staff. See the section "Technical Support" above for more information.

Titanic says that Win32s isn't installed correctly / Titanic tells me it can't find a file

If you're using Windows 3.1, this is probably caused by not having SHARE.EXE loaded in your AUTOEXEC.BAT file. Check your AUTOEXEC.BAT file for the following line and add it if necessary:

```
C:\DOS\SHARE.EXE
```

If you had SHARE loaded or the problem persists, see the section "Upgrading Windows 3.1" above and make sure your Windows is upgraded correctly, or see the troubleshooting guidelines for Win32s in the question directly above this.

The "file not found" problem can also be caused by CD-ROM read errors. If you're experiencing those also, see the question "I keep getting read errors; it says to check my disc for scratches" in the "Troubleshooting -- General" section above.

Titanic has graphics problems or has problems profiling my display

This is most likely caused by a conflict between your video driver and Microsoft's graphics accelerator, WinG. First, make sure you are using the latest version of video drivers for your card. See the section "Video Card Manufacturers" below for

more information. If that doesn't help, check the following specific cases:

- IBM no longer supports the IBM ThinkPad 720c. There are some problems using WinG with the ThinkPad 720c display drivers.
- Cirrus drivers before version 1.43 have many known bugs which have been fixed in the more recent drivers. Be sure to upgrade your drivers if you are still running with this version.
- The ATI VGA Wonder drivers (W31-*.drv) will crash during a call to StretchDIBits in the profiler. Users can run the SVGA256.DRV driver that shipped with Windows.
- Many miro Crystal drivers have problems with StretchDIBits, so they crash during profiling.
- Early ATI Mach 32 PCI cards have a hardware timing problem and will hang while blitting. ATI will replace these cards for no cost.
- WinG is incompatible with the #9GXE "TurboCopy" mode. Use the #9 control panel to disable TurboCopy (it is off by default).
- WinG relies on the mmsystem timer drivers to determine display performance. If mmsystem.dll and timer.drv are not installed correctly, the results of the performance test may be incorrect. mmsystem.dll should appear on the drivers= line of the [boot] section of system.ini, and timer=timer.drv should appear in the [drivers] section of system.ini.

If none of these cases apply, you might be able to work around the problem by using the generic Super VGA drivers that come with Windows. See the question "I need to change my display settings" below for more information on installing new drivers.

If you're still having problems, please contact Cyberflix technical support for the latest troubleshooting hints and advice from our technical support staff. See the section "Technical Support" above for more information.

My CD-ROM drive runs slowly

If Titanic is running slowly, there are a few things you can do that might increase performance.

Check in your AUTOEXEC.BAT to make sure that MSCDEX.EXE isn't being loaded into high DOS memory. If you see either the "LH" or "LOADHIGH" keywords at the beginning of your MSCDEX.EXE line, remove them. Also check in your CONFIG.SYS file and find where your CD-ROM device driver is being loaded. If the line starts with "DEVICEHIGH=", change that to "DEVICE=".

Check in your AUTOEXEC.BAT to make sure that you are loading SMARTDRV.EXE, and be sure that it is being loaded after MSCDEX.EXE. This will allow caching of your CD-ROM drive. Refer to your DOS manual for information on adding SMARTDRV if you don't have it installed.

In Windows, open the Control Panel by double-clicking on the Control Panel icon in the Main Program Manager Group. Then open the "Enhanced" icon and check to be sure that you are using 32-bit disk and file access. If you aren't, click "Change" and enable them if possible.

I want to remove Win32s and WinG from my computer

We don't recommend removing these components from your machine, unless you're doing a "clean install" of Win32s and WinG and are going to reinstall them immediately. The reason for this is that other applications you have might be depending upon these components to function, and might stop functioning if these

components are removed. With that in mind, if you still want to remove Win32s and WinG from your system, follow these instructions:

1. Exit Windows to a DOS prompt (this will not work from a DOS shell inside Windows; you must exit to DOS).
2. Change to your Windows systems directory by typing:
CD \WINDOWS\SYSTEM
3. Delete the Win32s system directory by typing:
DELTREE WIN32S
Respond "Y" for yes when asked to confirm deleting the directory.
4. Delete the Win32s and WinG system files by typing:
DEL WINGDE.DLL
DEL WING.DLL
DEL WINGDIB.DRV
DEL WINGPAL.WND
DEL DVA.386
DEL WING32.DLL
DEL W32SYS.DLL
DEL WINMM16.DLL
DEL WIN32S16.DLL
DEL WINHLP32.*
DEL OLE2*.*
DEL COMPOBJ.DLL
DEL STORAGE.DLL
DEL TYPELIB.DLL
DEL WIN32S.INI
DEL OLECLI.DLL
DEL STDOLE.TLB
Respond "Y" for yes if asked to confirm deleting any files. You may get a "File Not Found" message when trying to delete some files; don't worry, that's normal.
If you see an "Access Denied" error when deleting any file, type:
ATTRIB -R [filename]
Where [filename] is the name of the file you were unable to delete. Then retry deleting the file.
5. Edit your SYSTEM.INI file by typing:
CD \WINDOWS
EDIT SYSTEM.INI
6. Find the WinG device driver line by pressing F3 and entering "DVA.386" in the dialog box and pressing enter.
7. If a line containing "DVA.386" is highlighted, delete it by pressing Ctrl+Y. Press F3 again and delete any other lines containing "DVA.386"
8. Find the Win32s device driver line by typing Alt+S then "F" and entering "W32S.386" in the dialog box, then pressing enter.
9. If a line containing "W32S.386" is highlighted, delete it by pressing Ctrl+Y. Press F3 and delete any other lines containing "W32S.386".
10. Find the Win32s audio driver by typing Alt+S and then "F" and entering "WINMM16.DLL" in the dialog box, then pressing enter.
11. If a line containing "WINMM16.DLL" is highlighted, delete the reference by pressing "Del". DON'T delete the entire line, just the WINMM16.DLL driver!
12. Press Alt+X to exit the editor. Respond "Y" for yes when asked if you want to save the changes.
13. Restart Windows. Win32s and WinG have been removed from your system.

If you have any problem with these instructions, or need assistance, please contact Cyberflix technical support and we'll be glad to help. See the section "Technical Support" above for more information.

I need to change my display settings

Before you change your display settings, make sure that you have your original Windows disks on hand. The Windows setup program may ask you for them. If Windows doesn't have built-in support for your video card, and you are changing to a video mode you haven't used before, you must make sure that you have a floppy disk with the appropriate Windows display drivers for your video card, or have display drivers in a directory on your hard drive. If you don't have display drivers for your video card, try using the "SVGA 640x480 256 color" driver that's built into Windows, or see the section "Video Card Manufacturers" below and contact your video card manufacturer for drivers. If you have drivers, be sure that there's a file called OEMSETUP.INF on the floppy or in the directory, or this procedure won't work. If you don't have an OEMSETUP file, you probably have to run a custom setup program for your video card to change settings; see your video card manual for more information. Otherwise, follow these instructions:

1. Exit Windows to get a DOS prompt. This procedure won't work from a DOS shell inside Windows.
2. Change to your Windows directory and run the Windows setup program by typing:

```
CD \WINDOWS  
SETUP
```
3. Press the up arrow key until the line "Display" is highlighted, then press enter.
4. Use the up and down arrow keys to scroll through the list of display modes. If the one you want is listed, press enter and proceed to step 7. Otherwise, highlight "Other" at the end of the list and press enter.
5. If you have drivers on a floppy disk, insert that disk in your floppy drive and press enter. If the drivers are on your hard drive, enter the directory path to them in the dialog box then press enter.
6. Use the up and down arrow keys to scroll through the list of display modes until the one you want is highlighted. Press enter to select it.
7. Windows will begin copying files to your Windows directory and installing the drivers. You may be prompted to insert your original Windows disks; do so as necessary.
8. When copying is complete, press enter to exit back to DOS.

When you restart Windows, your new display settings will take effect. If you have problems, see your video card manual for troubleshooting advice. If that doesn't help, see the section "Video Card Manufacturers" below for information on contacting your video card manufacturer for assistance. Cyberflix will be happy to do what we can to help also; see the section "Technical Support" for information on contacting us.

9 TROUBLESHOOTING - WINDOWS NT

Titanic says I need to install WinG

If you get this message, you're trying to run Titanic under Windows NT version 3.5. Titanic is designed to run under Windows NT version 3.51 and later. Version 3.51 fixes many problems with Windows NT, it's recommended that you upgrade if you're still using 3.5. You can install WinG by running the program "\Install\WinUp_Setup.exe" on the Titanic CD, but Titanic may have other problems running under NT version 3.5.

Windows NT says I'm using the wrong version of CTL3D32.DLL

This is a known problem with our setup program on some Windows NT configurations. You should be able to ignore this warning message.

Titanic changed my display settings, but didn't restart my computer

Because Windows NT is a secure operating system, it doesn't allow programs to restart the machine without gaining security access to do so. Titanic isn't always able to do this, and thus can't restart your machine. You'll have to restart manually, at which time the new display settings will take effect.

10 GAMEPLAY HINTS

11 AUDIO CARD MANUFACTURERS

The following table is provided for your convenience, and is as accurate as possible at the date of this writing (April 1996). Please contact your sound card manufacturer for the latest information.

The following drivers are included on the Titanic CD. All drivers are for Windows 3.1 unless otherwise noted.

<u>Sound Card and Windows Version</u>	<u>Directory and Filename on the Titanic CD</u>
Creative Labs Sound Blaster 1.5	/support/creative/sb15wu.exe
Creative Labs Sound Blaster 2.0	/support/creative/sb20wu.exe, sb2up.exe
Creative Labs Sound Blaster 16	/support/creative/sb16wu.exe, sb16up.exe
Creative Labs Sound Blaster AWE 32	/support/creative/aweup.exe
Creative Labs Sound Blaster Pro	/support/creative/sbpwu.exe, sbpup.exe
Diamond Sonic Sound LX	/support/diamond/soniclx.exe
Gravis UltraSound	/support/gravis/gus048.zip
Media Vision Pro Audio Spectrum 16	/support/mediavis/win145.exe
Oak Technologies Mozart Chipset	/support/diamond/soniclx.exe

ACS Computer USA

Phone (408) 491-9988
BBS (408) 522-2669

Advanced Gravis Computer Technologies

Phone (604) 431-5020
BBS (604) 431-5927
CIS GO PCVENB
Web <http://www.gravis.com>

Antex Electronics Corp

Phone (800) 338-4231

AVM Technology Inc.

Phone (800) 880-0041
CIS GO MIDICVEN

Aztech Labs, Inc.

Phone (510) 623-8988
BBS (510) 623-8933
Web <http://www.aztechca.com>
FTP [ftp.aimnet.com/
pub/users/aztech](ftp.aimnet.com/pub/users/aztech)

Creative Labs, Inc.

Phone (408) 428-6600
BBS (405) 727-6600
CIS GO BLASTER
Web <http://www.creaf.com>
FTP <ftp.creaf.com>

Diamond Multimedia Systems, Inc.

Phone (800) 468-5846
BBS (408) 325-7080
CIS GO DMNDONLINE
FTP <ftp.diamondmm.com>
Web <http://www.diamondmm.com>

Media Vision, Inc.

Phone (510) 770-8600
BBS (510) 770-0527
CIS GO MEDIAVISION
Web <http://www.mediavis.com>

Mediatrix Peripherals, Inc.

Phone (800) 820-8749
BBS (819) 829-5101
CIS GO MEDIATRIX
Web [http://www.fmmo.ca/
mediatrix](http://www.fmmo.ca/mediatrix)

miro Computer Products, Inc.

Phone (415) 855-0940
BBS (415) 855-9944
CIS GO MIRO

Multiwave Innovation, Inc.

Phone (408) 379-2900
BBS (408) 379-2927

New Media Corp.

Phone (714) 453-0100
BBS (714) 453-0214

Orchid Technology

Phone (510) 683-0300
BBS (510) 683-0327
CIS GO ORCHID
Web <http://www.netscape.orchid.com>

Reveal Computer Products, Inc.

Phone (800) 473-8325
BBS (818) 713-8188
CIS GO REVEAL

Roland Corporation US

Phone (213) 685-5141

Toptek Multimedia, Inc.

Phone (818) 960-9211
BBS (818) 962-2851

Turtle Beach Systems

Phone (717) 767-0200
BBS (717) 767-5934
CIS GO TURTLE

12 VIDEO CARD MANUFACTURERS

The following table is provided for your convenience, and is as accurate as possible at the date of this writing (April 1996). Please contact your video card manufacturer for the latest information on video driver for Windows.

The following drivers are included on the Titanic CD. All drivers are for Windows 3.1 unless otherwise noted.

<u>Video Card</u>	<u>Directory and Filename on the Titanic CD</u>
ATI Mach 8	/support/ati/loader.zip and m8wr30.zip
ATI Mach 32	/support/ati/loader.zip and 32win260.zip
ATI Mach 64	/support/ati/load64.zip and 64win155.zip
Diamond Speedstar 24X	/support/diamond/24x204.exe
Diamond Speedstar 64	/support/diamond/ss64wn.exe
Diamond Stealth	/support/diamond/stlwin31.exe
ET4000	/support/generic/w31et4.zip
ET4000/W32	/support/generic/w31w32.zip
Generic S3	/support/generic/s3-864.exe
Generic S3 WinNT	/support/generic/nt211.zip
Generic Cirrus Logic	/support/generic/k543x2e.zip and k543x2e2.zip
Number Nine GXE 64 & 64 Pro	/support/nine/64-312.exe
Orchid P9000	/support/orchid/p9win.exe
Orchid Fahrenheit	/support/orchid/!f511.exe
Orchid Celsius	/support/orchid/!cel.exe
STB Lightspeed	/support/stb/lswin24.zip

Actix Systems, Inc.

Phone (408) 986-1625
BBS (408) 970-3719

ATI Technologies, Inc.

Phone (905) 882-2600
BBS (905) 764-9704
CIS GO ATITECH
FTP ftp.atitech.ca
Web <http://www.atitech.ca>

Boca Research, Inc.

Phone (407) 997-6227
BBS (407) 241-1601
CIS GO BOCA
Web <http://www.boca.org>

Cardexpert Technology, Inc.

Phone (610) 252-1118
BBS (510) 354-3800

Cirrus Logic, Inc.

BBS (510) 440-9080

Diamond Multimedia Systems, Inc.

Phone (408) 325-7100
BBS (408) 325-7175
CIS GO DMNDONLINE
Web <http://www.diamondmm.com>

Elitegroup Computer Systems

Phone (510) 226-7333
BBS (510) 683-0928

ELSA, Inc.

Phone (408) 565-9669
BBS (408) 565-9630
CIS GO ELSA

Expert Graphics, Inc.

Phone (404) 320-0800
BBS (404) 315-7646

Focus Information Systems, Inc.

Phone (510) 657-2845
BBS (510) 657-9451

Genoa Systems

Phone (408) 432-9090
BBS (408) 943-1431
CIS GO GENOA
Web <http://www.genoasys.com>

Matrox Graphics, Inc.

Phone (514) 969-6300
BBS (514) 685-6008
CIS GO MATROX

Media Vision

Phone (510) 770-8600
BBS (510) 770-0527
CIS GO MEDIAVISION
Web <http://www.mediavis.com>

Micro-Labs, Inc.

Phone (214) 234-5842
CIS GO TSENG

Mirage Multimedia Computers

Phone (800) 228-3349
BBS (310) 301-4542
Web <http://www.lainet.com/mirage>

miro Computer Products, Inc.

Phone (415) 855-0940
BBS (415) 855-9944
CIS GO MIRO

Nth Graphics

Phone (800) 624-7552
BBS (512) 832-1962

Number Nine Visual Technology Corp.

Phone (617) 674-0009
BBS (617) 862-7502
CIS GO NINE
FTP <ftp.nine.com>
Web <http://www.nine.com>

Orchid Technology

Phone (510) 683-0300
BBS (510) 683-0327
CIS GO ORCHID
Web <http://www.netscape.orchid.com>

Power Pixel Technologies

Phone (408) 748-0246
BBS (408) 748-0688

PraeoTek, Inc (VidTech)

Phone (612) 785-9717
BBS (612) 780-8033

SPiDER Graphics, Inc.

Phone (408) 526-0535
BBS (408) 526-1219

STB Systems, Inc.

Phone (214) 234-8750
BBS (214) 437-9615
CIS GO STB
FTP <ftp.stb.com>

Web <http://www.stb.com>

TechWorks

Phone (512) 794-8533

BBS (512) 794-9329

UMAX

Phone (800) 562-0311

BBS (510) 651-2610

VideoLogic

Phone (800) 578-5644

BBS (415) 875-7748

CIS GO VIDEOLOGIC

Western Digital Corp.

Phone (714) 932-5000

BBS (714) 753-1234

13 CD-ROM DRIVE MANUFACTURERES

The following table is provided for your convenience, and is as accurate as possible at the date of this writing (April 1996). Please contact your CD-ROM or SCSI card manufacturer for the latest information on drivers.

Aztech Labs, Inc.

Phone (510) 623-8988
BBS (510) 623-8933
Web <http://www.aztechca.com>
FTP [ftp.aimnet.com/
pub/users/aztech](ftp.aimnet.com/pub/users/aztech)

Chinon America, Inc.

Phone (310) 533-0274
BBS (310) 320-4160

Computer Connections

Phone (800) 438-5336
BBS (617) 275-5075

Fidelity International Technologies

Phone (908) 417-2230
BBS (908) 417-1663

LG Electronics (GoldStar Technologies)

Phone (210) 816-2000

Liberty Systems, Inc.

Phone (800) 774-5044
BBS (408) 243-2882

Media Vision, Inc.

Phone (510) 770-8600
BBS (510) 770-0527
CIS GO MEDIAVISION
Web <http://www.mediavis.com>

Micro Solutions, Inc.

Phone (800) 890-7227
BBS (815) 756-9100

Micro Design International

Phone (800) 228-0891

Mitsumi Electronics Corp.

Phone (800) 648-7864
BBS (408) 970-0700

NEC Technologies

Phone (800) 632-4636
BBS (508) 635-4705
Web <http://www.nec.com>

Pioneer New Media Technologies, Inc.

Phone (800) 444-6784
BBS (310) 835-7980

Plextor

Phone (800) 886-3935
BBS (408) 986-1569
CIS GO CDROM

Reveal Computer Products, Inc.

Phone (800) 473-8325

BBS (818) 713-8188

CIS GO REVEAL

Web <http://www.reveal.com>

Sony Electronics, Inc.

Phone (800) 326-9551

BBS (408) 955-5107

Toshiba America Information Systems

Phone (714) 457-0777

BBS (714) 837-8864

Wearnes Peripherals Corp.

Phone (408) 423-1888

BBS (408) 432-1884

