SPACE SIRENS
Final Release 1.2 - MARCH 14, 1995

Send comments and technical questions via Internet to :

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Changes in version 1.2:

Setup.exe now installs QuickTime for Windows version 2.01.
This upgrade has shown a marked improvement in the performance of SPACE SIRENS
as well as compliance when running previous versions that utilize QuikTime for Windows
Technology.

MOST ASKED TECHNICAL PROBLEMS :

Sound Fix for SoundBlaster 16 bit audio cards
Contact Creative Labs and ask for the SB16UP.EXE updated driver.
You can down load the file by calling the Creative Labs BBS (405) 742 - 6660

ATI Video Cards
You will get a General Protection Fault (GPF) error. To fix this, please
contact ATI tech support at (905) 882 - 2600 and ask for the proper settings
for your video card model to enable play back of the Qicktime for Windows movie
file format. Additionaly, ask ATI how to turn OFF the Device Bitmap feature of your video
card.

IBM Aptiva and PS1
1. Cntrl - F1 during boot up - This will launch configuation utility.
2. Go to third page.
3. Disable APM Bios.
Note: The APM Bios may conflict with SPACE SIRENS if left enabled.

TRIDENT Video Cards
The latest driver versions for the 9400CXi, 9200CXr, 8900C, 8900CL, 8900D, 9000i and 9000C
Trident Chipsets all work with SPACE SIRENS. The latest software versions are:
UL6.1 for 9400CXi
UC5.1 for 9200CXr, 8900C, 8900CL, and 8900D
UD5.5 for 9000I and 9000C
To receive these upgraded drivers, contact Trident at:
TEL: 415 691 9211
FAX: 415 691 9260
BBS: 415 691 1016

Packard Bell Users:
Problem : distorted and broken video display
Solution : Packard Bell technicians strongly recommend at least 1 meg of video memory in addition to an SVGA moniter for SPACE
SIRENS to function properly.

Prior to installing this disc, you should confirm that your system meets the following requirements:

1. Minimum Hardware Requirements:

- þ   A personal computer with an 486 or faster CPU.
- þ   A CPU speed of 25 MHz or higher.
- þ   8 megabytes of conventional and extended memory. (may work on some systems with only 4MB of RAM)
- þ   A CD-ROM drive supported by Microsoft Windows (access time less than 350ms, and sustained transfer rate of at least 150K per second)
- þ   A hard disk with at least 4 megabytes free for the basic QuickTime for Windows software.
- þ   Mouse (or other pointing device) supported by Microsoft Windows.
- þ   A ".WAV" compatible sound card supported by Microsoft Windows.

þ   Additional free disk space if you want to keep movies and pictures on your hard disk.

Troubleshooting

Installation errors:
If during installtion you get an error that a file(s) could not be copied:

1. Write down the name of the file(s).

2. If the error occurs in the first half of installation (Not during QuickTime for
   Windows installation) then:
       A.) Go to the BIN directory on the SPACE SIRENS CD.
       B.) Copy the file(s) you wrote down during installation to the SYSTEM folder in
       your WINDOWS directory.

3. If the error occurs in the second half of installation (During QuickTime for Windows
   installation)
       A.) Go to the SYSTEM folder in your WINDOWS directory and delete the file(s)
       you wrote down during installatioin.
       B.) If Windows will not allow you to delete the file(s), go out to the DOS prompt and
       delete them from there.
       C.) Run [CD DRIVE LETTER]: \QTIME\SETUP.EXE. This will launch the QuickTime installer.

Symptom:
       Any error message that contains the line "*..not a quicktime sprite*" is an indication
that QuickTime is not properly installed.

Possible causes:
Any old QuickTime for Windows 1.1 files left on your hard drive could possibly conflict with the QuickTime 2.0 installed by SPACE
SIRENS. To remedy this, run SETUP.EXE again and make sure you choose the 'remove' option if you are prompted during the
QuickTime for Windows installation process that other versions of QuickTime were detected on your hard drive. Note: this will not
disrupt your other CD's that use QuickTime for Windows. The version installed will reside in the WINDOWS\SYSTEM folder and
thereby be accessible by all programs.

Symptom:
       Program locks up during game play.

Possible causes:
       Screen saver, disable screen saver and restart.
              Alternative Desktop (Norton Desktop, etc.), disable and use Program Manager.
              Background Process, disable all other programs.
      If you have an IBM Aptiva or PS!, you may experience this. To remedy this, refer to
       the top of this document.

Symptom:
       "Parity Error" Message

Possible causes:
       Memory problem. Check with your computer owner's manual for proper machine speed/memory wait-state setting.

Symptom:
       "General Protection Fault Error..." message box

Possible causes:
              Video or Audio driver conflict. Check with the manufacturer for the latest driver.
       ATI video card owners will experience this. Call ATI at *(905) 882 - 2600* and ask
       for the proper settings for your card model.

Symptom:
       Scrambled Video Display

Possible causes:
       Confilict with you Video Display Card. Edit the file QTW.INI in your WINDOWS
       direstory on your hard drive, change the line:

       [Video]

Optimize=Hardware

        to

        [Video]
        Optimize=Driver

        Note: if you are a Packard Bell user, refer to the 'Most Asked Technical Questions'
        portion of this document.

We also recommend some type of CD-ROM caching program such as SMARTDRIVE from DOS 6.2 for better performance during
playback. (SMARTDRIVE form DOS 6 and earlier does not support CD-ROM caching).

If problem persists, try other options documented in the README.EXE file located in the windows directory on your
hard drive.

PC VIDEO AND AUDIO CARD COMPATIBILITY

Please refer to the 'QuickTime 2.01 for Windows Hardware Compatibilty List' in the README.EXE application located
in your windows directory. README.EXE can also be found on the SPACE SIRENS CD in the root directory. This
document contains the very latest information concerning SPACE SIRENS compatibility.