













Easy-CD Audio Help Contents

Click on any green area for more information:

-  [Recording to your own CDs](#)
-  [Closing your CDs](#)
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Recording to your own CDs

There are two parts to the recording process:

1. [Creating a Compilation List](#)
2. [Writing to the recordable CD](#)

Closing your CDs

Note: You must close your CD before you can listen to it on a device other than the HP SureStore CD-Writer. Once you close your CD, you can no longer record music to it.

1. From the **CD-Writer** menu, select **Close Disc**.
2. Click on **OK** in response to the warning message.

Listening to CDs

1. Insert your CD into the CD-Writer.
2. Click on the following button in the toolbar to open the Audio CD Deck:



3. While you are listening to the CD, you have the following controls available to you.



Click on any button in the picture above for additional information on that control.

4. To play the CD from the beginning, click on the Play button:



Or, to play a particular [track](#) (song), click on the arrow at the right of the drop-down list box. Highlight the track you want to play from the list of tracks displayed.

5. When you are done listening to the CD, click on the following button to stop playing:



Identifying your CDs

Save a list of your CD collection's titles to help you identify them in the future. This information is saved in a file (ecdaudio.ini) on your hard drive and does not affect the CD in any way.

- [Adding a title for a CD](#)
- [Adding a title for a track](#)

Toolbar commands

Click on any button for more information:



Menu commands

- [File menu](#)
- [Edit menu](#)
- [PreviewTracks menu](#)
- [CD-Writer menu](#)
- [Help menu](#)

Recordable CD media

- [About recordable CDs](#)
- [What CDs will work in this drive?](#)
- [How much information can a CD hold?](#)

Troubleshooting

You should read this if you are experiencing:

- [Hard drive issues](#)
- [CD-Writer issues](#)
- [System configuration problems](#)
- [Memory problems](#)
- [Noise/Distortion problems](#)
- [Error messages](#)

Error messages

The fastest way to learn what an error message means is to use the **Search** option for any Help window. Check the title bar of the error message. Click the appropriate title for information about the error that you received:

- [Easy-CD Audio](#) (errors arising within the software)
- [HP C4324/C4325](#) (problems with the CD-Writer hardware)

Easy-CD Audio Error Messages

- Absorption control error
- Application code error
- Buffer underrun
- Data overrun/underrun
- Disc write-protected
- Error accessing CD.
- Error playing CD Audio track: <track name>
- Error writing .WAV destination file.
- Error writing the temporary track file on hard disk.
- Error: Not enough memory.
- Invalid logical block address
- Medium not present
- No write data (buffer empty)
- Not enough space on the disk chosen as the temporary path to copy the largest audio track.
- The maximum number of tracks (99) has been reached.
- This Compilation is more than 74 min. Cannot continue.
- WAV file has been rounded to 4 sec. length.
- Write emergency

HP C4324/C4325 Error Messages

- ASPI shell command not completed.
- ASPI shell not found.
- Bad ASPI open.
- Bad SCSI host adapter.
- Bad SCSI target device.
- DOS memory unavailable.
- Invalid ASPI shell status value.
- Invalid value (CX too large).
- Linear memory unavailable (stack).
- Physical memory unavailable (stack).
- Reservation conflict.
- SCSI device not installed.
- SCSI host adapter bus free.
- SCSI host adapter bus phase sequence error.
- SCSI host adapter not found.
- SCSI out of memory.
- SCSI target busy.
- SCSI target device not found.
- Specified Target/LUN is busy.
- Target bus phase sequence failure.
- Target timeout.
- Unable to abort SCSI request.
- Unexpected Bus Free.

Memory problems

DOS Memory Unavailable

This indicates there is not enough memory free to run the program.

Remove any [TSRs](#) or utilities which may be tying up your conventional memory. Refer to the installation guide for further information.

WinASPI

WinASPI is installed when you run the AdvanSys driver installation program. It is automatically used for all CD-Writer control functions. It requires less upper memory, so it is less likely you will get the DOS memory unavailable message.

Noise/Distortion problems

If the CD sounds noisy when playing it in your home stereo, then the noise was probably written to CD. To verify this:

- Check the original [.WAV file](#) on the hard disk for noise. If present, copy the files from source CD to hard drive using the *Easy-CD Audio* software and HP SureStore CD-Writer, rather than sampling with a sound card.
- If original .WAV files sound fine off the hard drive, there are probably communication problems with the CD-Writer. Try different DMA channels and/or lower the DMA transfer speed using CFGISA. For additional DMA information, refer to the CD-Writer Installation Guide.

If there is noise only when playing any CD on the CD-Writer:

- Check the audio cable to the sound card and make sure it is connected correctly.
- Make sure the sound card settings are not in conflict with other devices.

Glossary

[1X speed](#)

[2X speed](#)

[.WAV file](#)

[ASPI](#)

[audio disc](#)

[buffer](#)

[CD-DA](#)

[CD-ROM](#)

[Compilation List](#)

[MIDI](#)

[RAM](#)

[Red Book](#)

[SCSI](#)

[sector](#)

[session](#)

[track](#)

[TSR](#)

Customer support information

- [Incat Systems \(software support\)](#)
- [Hewlett Packard \(hardware and manual support\)](#)

Incat Systems

Contact Incat Systems for software support.

Telephone:

USA (408) 379-9900

Europe (Italy) 39-2-39.31.13.41

FAX:

USA (408) 364-6597

Europe (Italy) 39-2-39.31.13.74

Compuserve:

USA 71612,1236

Europe 100030,302

Hewlett-Packard

Contact Hewlett-Packard for questions about the manuals or the hardware.

- [Telephone numbers](#)
- [FAX](#)
- [QICFAX](#) (Fax-back service)
- [Bulletin board](#)
- [Internet](#)
- [FTP](#)
- [World Wide Web](#)
- [Order more CDs](#)

Creating a Compilation List





You can add multiple [tracks](#) from multiple sources:

- [Adding tracks from CDs inserted into the CD-Writer](#)
- [Adding tracks from .WAV files on your hard drive](#)

Related topics:

[Copying music files to your hard drive as .WAV files](#)

Adding tracks from a CD

1. Insert the CD with the desired [track](#) into the CD-Writer.
2. Click the following button in the toolbar to open the Audio CD Deck window:

3. Click on the following button and type in the CD's title so that you will know which CD to insert while you are recording:

4. Click on **OK** to return to the Audio CD Deck window.
5. Click on the arrow at the right of the drop-down list box. A list of the tracks on the CD appears.
6. Click on the track that you want to add to your list. It will begin to play to verify that you selected the correct one.
7. Click on the following button and type the track's title:

8. Click on **OK** to return to the Audio CD Deck window.
9. Click on the **Add Track to List** button.
 - Repeat steps 5 through 9 for all songs on this CD that you want to record.
 - Repeat 1 through 9 for all CDs that you want to record (up to 63 or 74 minutes depending on the CD).
10. Double-click on the following button in the Audio CD Deck window to return to the main window:




Note: Check the **Min. hard disk space needed:** box in the lower left corner of the Compilation List window and make sure you have enough hard disk space.

[Click here for Part 2. Writing to the recordable CD.](#)

Related topics:

- [Rearranging the Compilation List](#)
- [Saving the Compilation List to use again](#)

Adding a CD title



1. Insert your CD into the CD-Writer.
2. Click on the following button in the toolbar to open the Audio CD Deck window:

3. Click on the following button in the Audio CD Deck window. The CD Title window appears.

4. Type in a title (usually the name of the CD), then click on **OK**. The CD's title now appears in the Audio CD Deck window.

Title names are saved in the **ecdaudio.ini** file on your hard drive.

Related topics:

[Adding a track title](#)

Adding a track title

1. Insert your CD into the CD-Writer.
2. Click the following button in the toolbar to open the Audio CD Deck window:

3. Click on the arrow at the right of the drop-down list box. A list of the [tracks](#) on the CD appears.
4. Click on the track that you want to add a title to. It will begin to play so that you can verify that you selected the correct track.
5. Click the following button in the Audio CD Deck. The Track Title window appears.

6. Type in the title (usually the name of the song), then click on **OK**. The track's title now appears in the drop-down list box window.


Track names are saved in the **ecdaudio.ini** file on your hard drive.

Related topics:

[Adding a CD title](#)

Copying music files to your hard drive as .WAV files

Note: You need approximately 10 MB of hard drive space for each minute of music that you record to a [.WAV file](#).

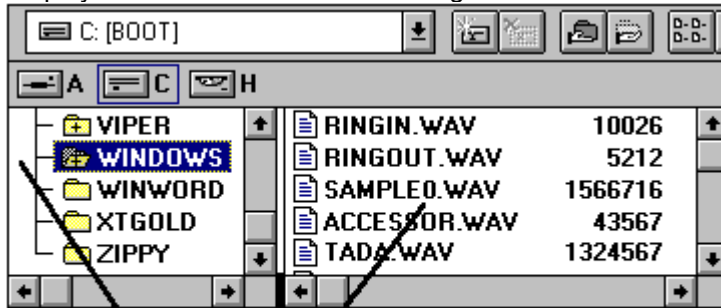
1. Insert the CD with the desired [track](#) into your CD-Writer.
2. Click on the following button in the toolbar to open the Audio CD Deck window:

3. Click on the arrow at the right of the drop-down list box. A list of the tracks on the CD appears.
4. Click on the track you want to copy. It will begin to play.
5. Click on the **Copy Track to Disk** button. A dialog box appears.
6. Type a filename; the extension .WAV is added automatically.
7. Click on **OK**.

Related topics:

[Adding .WAV files to your Compilation List.](#)

Adding tracks from .WAV files on your hard drive

1. Open File Manager by clicking on the following button on the toolbar:
2. Size the windows so that File Manager and *Easy-CD Audio* both fit on the screen.
3. Display the desired **.WAV file** on the right-hand side of the File Manager window.



4. Drag and drop the desired **.WAV file** onto the *Easy-CD Audio* window. The filename will now be included in the **Compilation List**.

Related topics:

[Copying music files to your hard drive as .WAV files](#)

Part 2: Writing to the recordable CD

CAUTION: Writing to CD is a resource intensive task and interrupting the writing process in any way (screen savers, TSRs, network operations) may corrupt the recordable CD.

Note: If the [Compilation List](#) that you want to record is not on the screen, click the following button, and select the compilation list (*.ACD file) that you saved:



1. Exit any screen savers, email, or other programs running in the background that might interrupt the recording process, and log off the network.
2. Insert a new, blank CD into your CD-Writer (or an audio CD that has not been closed), and click the record button:



3. Click on **OK** in response to the warning screen.
4. A dialog box appears displaying information about the CD in your CD-Writer. You may select to:
 - [Close the disc](#)
 - [Do not close the disc](#), I will finish it later.


After you have made your choice, click on **OK**.

5. The source CD list screen appears. Gather the CDs listed, and click on the **Start** button.
6. During the recording process, you will be prompted to insert the source CD (original) and the destination CD (recordable) for each song. .WAV files included in the Compilation List will be recorded directly to the destination CD.

If you cancel the operation before all the tracks in the Compilation List have been recorded, the CD *will not* be closed regardless of the option you chose in step 4. This means you may record more tracks to the CD at a future time. However, you cannot resume where you left off. If you try to record from the same Compilation List, you will duplicate tracks. You must modify the Compilation List and remove any tracks that have already been recorded.

Note: Recording 74 minutes of music takes approximately 2.5 hours at [1X speed](#). This time includes writing each [track](#) to your hard drive, then writing the track from the hard drive to the recordable CD. ([2X speed](#) takes half as long.)

Saving your Compilation List

1. Give your Compilation List a title by clicking on the Compilation text box and typing a description of the tracks.
2. Save the Compilation List by clicking the following button on the toolbar. The Save Compilation List window appears.

3. Type a filename; the extension .ACD is added automatically. Click on **OK**.

Related topics:

- [Editing your Compilation List](#)
- [Recording your Compilation List to CD](#)

Editing a Compilation List

Note: If the [Compilation List](#) that you want to record is not on the screen, click the following button and select the Compilation List (*.ACD file) that you saved:



Highlight the [track\(s\)](#) you wish to move or delete and use the following toolbar buttons to arrange your Compilation List:

- ♪ - Delete track(s)
- ♪ - Move track(s) up one position
- ♪ - Move track(s) to the beginning of the list
- ♪ - Move track(s) down one position
- ♪ - Move track(s) to the end of the list

Related topics:

- [Adding additional tracks](#)
- [Saving the Compilation List](#)

[Recording the tracks to your CD](#)

About recordable CDs

What is an audio disc?

An audio disc is a compact disc containing digital audio [tracks](#) recorded in the Compact Disc-Digital Audio ([CD-DA](#)) or [Red Book](#) standard. This is a worldwide standard to which all digital audio CDs and audio CD players adhere. CD-DA discs can be played back from a home or car audio CD player, or from a [CD-ROM](#) drive through speakers or headphones.

Audio discs are single-session discs. This means that once you close the [session](#), you cannot write any more [tracks](#) to the CD. Do not write audio tracks to a CD that already contains data files because this application does not support mixed-mode formats. Likewise, do not write data files to a CD that already contains audio tracks.

Caring for your recordable CDs:

- Don't expose CDs to sun or other strong light for long periods.
- Avoid exposing CDs to high heat and humidity.
- Don't use alcohol-based pens to write on CDs.
- Don't put labels on CDs unless they are expressly designed for recordable CDs.

What CDs will work in this drive?

Ask for HP Recordable CD media:

- 12 cm 74 minute 5 pack (C4423B)
- 12 cm 74 minute 10 pack (C4423C)
- 12 cm 74 minute 25 pack (C4423D)

Look for any brand of Recordable CD media:

- 74 minute Orange book part II compliant

Related Topics:

[Ordering recordable CDs](#)

How much information can a CD hold?

A CD can have a maximum of 99 [tracks](#). Each track usually represents one song.

You can only write one [session](#) to a music CD. A session can contain from 1 to 99 tracks. Once you [close a disc](#), you can no longer write to it. To maximize the use of the CD, you'll want to select close to 63 or 74 minutes (depending on the CD capacity) of music to record.

Related topics:

- [About recordable CDs](#)
- [What CD's will work in this drive?](#)

CD-Writer issues

- **Buffer size**

The CD-Writer buffer memory helps to ensure that there is always data ready to be written, by storing data as it arrives from the computer. The size of the [buffer](#) is therefore critical to trouble-free writing. A slow-down or small interruption in the transfer of data from the computer will not interrupt writing *so long as the buffer is not completely emptied*. The larger the buffer, the more safety margin you have in case of interruptions. The HP SureStore CD-Writer has a buffer size of 1 MB, which has proven to be adequate for this application.

- **Speed**

The HP SureStore CD-Writer is capable of writing at 2 times the standard writing/playback speed of 150 KB (75 [sectors](#)) per second. Recording speed is a matter of how fast the bits are inscribed by the laser on the disc surface, and has nothing to do with how fast you read them back or how much data you can fit on the disc.

When *Easy-CD Audio* is installed, the CD recording speed is automatically set based on a speed test of your system hard disk. If you experience difficulties at [2X speed](#), lower the speed to [1X speed](#).

To change the recording speed:

Select **File, Preferences**, click on the desired speed, and click on **OK**.

Hard drive issues

- **Speed**

The hard drive from which you are writing must have a transfer rate fast enough to keep the [buffer](#) full in the CD-Writer. This usually means an average hard drive access time of 19 ms or better.

- **Fragmentation**

Use DOS **DEFRAG** (DOS 6.0 or higher) or another defragmentation program to defragment your hard drive for faster operation. Having to search all over a very fragmented hard drive for the data to be written causes operations to slow down.

- **Thermal Calibration**

Hard drives periodically perform a thermal calibration to ensure proper functioning. Calibration interrupts hard disk operations for as much as one and one half seconds. Some hard drives force a calibration at fixed intervals, even if the drive is in use, causing interruptions that will corrupt the CD that you are recording. This problem arises particularly when the amount of data to be written is large. Other hard drives postpone calibration until the drive is idle.

System configuration problems

Your computer *system* consists of the computer hardware and all the software running on it.

- Any interruption may corrupt the CD that you are recording, so ensure that your CONFIG.SYS and AUTOEXEC.BAT files do not load any [TSR](#) utilities which may periodically or otherwise interrupt operations.
- Screen savers, alarms or reminders, and incoming faxes during the recording process will cause corrupt discs.
- You should log off the network and electronic mail so that potential interruptions do not cause writing interruptions which can corrupt your CD.

File menu

Click on any menu item for more information:

File
<u>N</u>ew Compilation
<u>O</u>pen Compilation...
<u>S</u>ave Compilation
Save Compilation <u>A</u>s...
<u>P</u>references...
Launch <u>F</u>ile Manager...
<u>E</u>xit

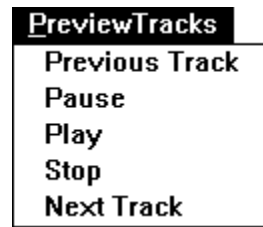
Edit menu

Click on any menu item for more information:

<u>E</u>dit	
D elete	D el
S hift U p	C trl+ U
S hift T op	C trl+ T
S hift D own	C trl+ D
S hift E nd	C trl+ E
C heck C ompilation...	C trl+ C

PreviewTracks menu

Click on any menu item for more information:



CD-Writer menu

Click on any menu item for more information:

<u>C</u>D-Writer
<u>O</u>pen CD-Deck <u>C</u>lose CD-Deck
Record <u>C</u>ompilation... Close <u>D</u>isc...
CD <u>I</u>nf...
<u>S</u>elect CD-Writer...

Help menu

Click on any menu item for more information:

Help
<u>C</u> ontents
<u>S</u> earch for Help on...
<u>H</u> ow to Use Help
<u>A</u> bout Easy-CD Audio...

New Compilation List

Create a new Compilation List. If you are preparing a Compilation List when you choose this option, you will be prompted to save the current Compilation List before a new one is created.

Open Compilation List

Click here to open an existing Compilation List. In the dialog box, type or select the filename for the Compilation List you want to open.

Save Compilation List

Click here to save the current Compilation List. In the Save Compilation List dialog box, type a filename. The extension .ACD will be added automatically.

[Launch File Manager](#)

Click here to open the Windows File Manager. You can drag and drop files from the right-hand side of the File Manager window to the *Easy-CD Audio* window when adding files to a Compilation List.

Delete track

Click here to delete the selected track(s) from the Compilation List.

Move track up one position

Click here to move the selected track(s) up one position in the Compilation List.

[Move track to the beginning of the list](#)

Click here to move the selected track(s) to the beginning of the Compilation List.

[Move track down one position](#)

Click here to move the selected track(s) down one position in the Compilation List.

[Move track to the end of the list](#)

Click here to move the selected track(s) to the end of the Compilation List.

[Check Compilation List](#)

Click here to check that all the .WAV files included in the Compilation List are still present in their original locations on the hard drive, and show a list of all the audio CDs needed.

[Open Audio CD Deck](#)

Click here to open the Audio CD Deck.

Record

[Click here](#) to begin recording the tracks from the current Compilation List to CD.

CD Info

Click [here](#) to examine any CD you have recorded or are going to record. The dialog box reports the total number of sessions recorded (0 sessions for an unclosed CD, and 1 session for a closed CD) and the amount of free and used disc space.

If your CD has been closed, the available space will be 0, regardless of the amount of used disc space. This is because you cannot record tracks on a closed CD.

Repeat the CD

Click on this button to continually replay the CD.

Add a title

Click this button to include a title of a CD or one of its tracks in the **ecdaudio.ini** file stored on your hard drive.

Play 10 seconds of each track

Click on this button to play the first 10 seconds of each track of the CD.

[Go back 10 seconds](#)

Click on this button to go back 10 seconds.

[Go to the previous track](#)

Click here to go back to the beginning of the previous track.

[Play](#)

Click here to begin playing the CD.

Pause

Click here to pause the CD. Click here again to resume playing.

Stop

Click here to stop the CD.

Go forward 10 seconds

Click on this button to move forward 10 seconds.

[Go to the next track](#)

Click here to go to the beginning of the next track.

Eject/Tray

Click on this button to open the CD tray and eject the CD. This button also closes the CD tray.

Add track to list

Click this button to add the track currently displayed in the drop-down list box to your Compilation List.

Copy track to disk

Click this button to copy the track currently displayed in the drop-down list box to your hard drive as a .WAV file.

Note: You will need approximately 10 MB of free space on your hard drive for each minute of music.

Help

Click on this button to receive information about the current window.

CD information

The number of tracks on the CD and the current track's playing time.

List of tracks on CD

A drop-down list box that displays a list of all the tracks on the current CD.

Save As

Save the open Compilation List under a different name or location.

Preferences

Set the CD recording speed and the temporary directory where tracks from an audio CD will be copied one by one before they are written to CD.

Exit

Quit the program.

Close CD-Deck

Close the Audio CD Deck.

Close Disc

When you have finished recording, close the disc to make your CD readable in a CD-ROM drive or CD player. Once the CD is closed, you can no longer write to it.

Do not close the disc

You should choose this option if you want to record more tracks to your CD after recording the tracks from the Compilation List. Once the CD is closed, you can no longer write to it. However, you cannot listen to your CD in a device other than the HP SureStore CD-Writer until the CD is closed.

You can close the CD from the **CD-Writer** menu by choosing the **Close Disc** menu item.

Select CD-Writer

If you have more than one CD-Writer, use this option to select between them.

[Contents](#)

[Click here to display all the available Help topics.](#)

Search for Help On

When you have a specific topic you want help with, you can select or type it in the Search dialog box.

[How to Use Help](#)

Click here for information about how to use Windows Help.

[About Easy-CD Audio](#)

Click here for information about *Easy-CD Audio*.

This most often means that there is a slight problem writing to a recordable CD, perhaps caused by a smear or speck of dust; it does not necessarily mean that your data has not been correctly recorded.

When writing is completed, try cleaning the CD (on the non-label side) gently with a lint-free cloth. If the error occurs again, use a new CD.

This error occurs when you try to write to recordable *photo* CDs. These CDs have a protection bit and should only be used with appropriate photo CD applications.

The flow of data from hard drive to CD has been interrupted.

Ensure that no screen savers or other TSR utilities are active which might momentarily interrupt operations and that your working hard drive cannot be accessed via network.

Make sure the CD-Writer is the only device in the SCSI chain and use the cable that came with the CD-Writer to connect it to the SCSI board.

Defragment your hard drive by using the DOS **DEFRAG** command (DOS 6.0 or higher) or a similar defragmentation program.

There is not a readable CD in the CD-Writer. If you get this message when there is a CD in the CD-Writer, eject and re-insert the CD.

The flow of data from hard drive to CD has been interrupted.

Ensure that no screen savers or other TSR utilities are active which might momentarily interrupt operations and that your working hard drive cannot be accessed via network. The CD-Writer's position in the SCSI chain or the length of cabling between the computer and the CD-Writer may also cause data slow-downs; try connecting the CD-Writer as the only peripheral in the SCSI chain and use the cable that came with the CD-Writer.

The SCSI host adapter reported an error. This is caused by improper termination or a bad SCSI cable.

This CD has been closed and can no longer be written to.

The software has requested a block from the disk that does not exist or is illegal. This may happen with a corrupted hard drive.

The CD-Writer was interrupted during a write action. This is often caused by dust particles that cause the laser to jump off track. Clean your CD gently with a lint-free cloth.

The unit is not ready or the CD is not in the CD-Writer.

The device is already in use or the requested CD is not inserted in the CD-Writer.

The system is not able to write to your hard drive.
Your hard drive may be full or damaged.

The system is not able to write to your hard drive. Your hard drive may be full or damaged.

Verify that there are no other open applications using memory. Reboot your PC and try again without loading any other applications.

Easy-CD Audio needs some hard drive space for temporary files. The temporary directory does not have enough free space to hold the largest track you will be copying to CD (the exact amount is given in the "Min hard disk space needed" box in the main window).

This is the maximum number of tracks recordable on a CD per the Red Book standard.

Delete one or more tracks from your Compilation List until you have 74 minutes or less. There is an overhead of 2 seconds per track that you have to account for in the 74 minute limitation.

A track must be at least 300 blocks (4 seconds, or about 600 kilobytes) long.

Problems with the ASPI shell. Try the same operation again.

The program needs the ASPI shell to communicate with all SCSI devices. If the ASPI Manager for the SCSI adapter was not installed, this message will result. Install the ASPI Manager as described in the installation guide and restart the computer.

You have no CD-Writer attached or the ASPI device driver on your hard drive is damaged. Recopy it from the installation floppy.

Something is wrong with your SCSI card. Try reseating the card in your computer. Check the connections between the SCSI card and the CD-Writer.

A SCSI device which was expected to be attached to your computer has not been found or has an ID setting the same as that of some other device attached. Is everything hooked up correctly? Does each peripheral (including the internal hard drive) have a different SCSI ID number?

Too many things are loading into conventional memory during boot up. Go through your config.sys and autoexec.bat files and REMark out any lines that don't have anything to do with the configuration of this program or if there are things loading that you don't want to get rid of, try loading them into HIGH memory (DOS 6.x users can use MemMaker to do this for them).

Problem with the ASPI shell. Repeat the operation.

ASPI shell internal error.

ASPI shell internal error.

ASPI shell internal error.

The device is already reserved by another application. Usually this happens when another application crashes. Turn everything off and then on again.

ASPI shell internal error.

ASPI shell internal error.

Problems with the SCSI bus. Try repeating the operation.

Your SCSI card is not present or couldn't be detected.

Not enough memory available. Close other applications and restart the program or restart Windows.

The specified device is momentarily busy (if it is the CD-Writer, it is probably reading the CD contents).

Your computer is unable to locate the requested SCSI device. Check that all the SCSI devices currently attached to your computer have different SCSI ID numbers.

The specified device is momentarily busy (if it is a CD-Writer, it is probably reading the CD contents).

A setup problem with the SCSI host adapter. Contact the SCSI board's manufacturer/distributor for assistance.

Occurs if the unit does not respond within the time-out limit. Try repeating the operation.

The abort request cannot be performed. Operation will continue.

Hardware problem. Check for improper termination on the SCSI chain.

This is the standard writing/playback speed of 172 KB per second.

This is 2 times the standard writing/playback speed or 344 KB per second.

.WAV files can be created by using a sound board to record input from microphones, MIDI instruments, or other audio sources. .WAV files are also created when you use *Easy-CD Audio* to copy an audio track to your hard drive.

16-bit, 8-bit, mono, stereo, 11 Khz, 22 Khz, and 44 Khz file types are allowed by *Easy-CD Audio*. However, all these files types are converted to 16-bit, 44 Khz stereo format. The quality of the original recording will stay the same. For example: A mono file will have the same track on both stereo tracks. No other .WAV file formats are supported.

Advanced SCSI Programmer's Interface. This is a set of software primitives and data structures which allow software using the ASPI interface to be SCSI host adapter-independent.

A compact disc containing audio tracks recorded in the CD-DA format. A disc may contain up to 99 tracks, each representing a separate piece of music.

An amount of memory which temporarily stores data to help compensate for differences in the transfer rate of data from one device to another.

Compact Disc-Digital Audio. CD-DA was the first incarnation of the compact disc, used to digitally record and play back music. The standard under which CD-DA discs are recorded is known as Red Book.

Compact Disc-Read Only Memory. A standard for compact disc to be used as a digital memory medium for personal computers.

A list of audio tracks and/or .WAV files that you want to record to CD.

Musical Instrument Digital Interface. A standard protocol for communication between musical instruments with a MIDI interface and computers.

Random Access Memory. The memory that can be used by applications to perform necessary tasks while the computer is on. When you turn the computer off, all information in RAM is lost.

A specification for audio (CD-DA) compact discs.

Small Computer System Interface. An interface which allows up to eight devices to be linked to a single controller.

The smallest recordable unit on a CD. A CD can contain **75 sectors per second x 60 seconds per minute x number of minutes on disc** sectors. The amount of data contained in the sector depends on what physical format and mode it is recorded in (approximately 2 KB).

A recorded segment of compact disc which may contain one or more tracks of any type (data or audio).

Every time you write to CD, you create at least one track. One track of an audio CD corresponds to one song. You can record up to 99 tracks on one CD.

Terminate and Stay Resident. A program that is loaded into memory and is available even when another application is active.

USA (M-F, 7am-5pm Mountain time)

Technical support 970-635-1575

Literature and dealer referral 970-635-1000

Europe (M-F, 8:30am-5pm Netherlands time)

English language support 31 (0)20 682 2628

French language support 31 (0)20 681 7750

German language support 31 (0)20 681 7810

Spanish language support 31 (0)20 581 3379

Italian language support 31 (0)20 581 3378

USA

970-667-0997

USA and Canada	800-368-9673
All other countries	970-635-1510

USA (8,N,1,F, 1200-19.2K baud) 970-635-0650

Europe (8,N,1,F, 1200-9600 baud) 31 (0)20 647 5433

or 31 (0)20 647 8491

or 31 (0)20 647 8766

SureStore_Support@HP-Loveland-om10.om.hp.com

ftp.hp.com

Login: anonymous

Password: your email address

Change directories to /pub/information_storage/surestore/cd-writer

<http://www.corp.hp.com/publish/isg/cdr/>

USA (970) 635-1500

Preferences dialog box

CD recording speed

The HP SureStore CD-Writer is capable of writing at 2 times (2X) the standard writing/playback speed of 150 KB (75 [sectors](#)) per second. Recording speed is how fast the bits are inscribed by the laser on the disc surface, and has nothing to do with how fast you read them back or how much data you can fit on the disc.

When *Easy-CD Audio* is installed, the fastest writing speed for your system is automatically selected. If the speed selected for your system is [2X speed](#) and you are experiencing difficulties, lower the speed to [1X speed](#). If the speed selected for your system is 1X, you should leave it set to 1X unless you determine that you have increased your system's performance.

Temporary directory

Easy-CD Audio needs some hard drive space for temporary files. The temporary files hold [tracks](#) from your source CD before they are recorded to your recordable CD. Accept the default system temporary directory shown, or enter the path of a temporary directory of your choice.

After you have set your recording speed and chosen a temporary directory, click on **OK**.

Needed CDs List dialog box

This dialog box lists the CDs you will need for recording the [tracks](#) in the current Compilation List. Before you start recording, make sure you have the source CDs listed in this dialog box then click on **OK**.

CD Info dialog box

No. of sessions

The total number of [sessions](#) recorded on this CD. (This number can only be 0 or 1 because an [audio disc](#) can have a maximum of 1 session.)

Free Space

The amount of free space, expressed in minutes:seconds, available for recording on the CD. Once you close the disc, this value is zero.

Used Space

The amount of space, expressed in minutes:seconds, used on the CD.

Percentage used

The amount of space, expressed as a percentage of the total space, used on the CD.

Refresh

Click this button when a new CD is inserted into the drive.

Audio CD Deck dialog box

The Audio CD Deck controls the CD-Writer. For more information on the Audio CD Deck controls, click on any button in the deck shown below:



Check Compilation dialog box

This dialog box lists the CDs that you will need for recording the [tracks](#) in the current Compilation List. Before you start recording, make sure that you have the source CDs listed in this dialog box on hand and either a blank destination CD or a CD that has not been closed, then click on **OK**.

Error Reading Audio Track to .WAV File

An error occurred reading the track from the source audio CD to a **.WAV file**.

You have three options. You can:

- **Abort**
This cancels the copy operation and returns you to the *Easy CD Audio* main window.
- **Retry to read the entire track**
This option causes the copy operation to start again at the beginning of the track where the error occurred.
- **Retry to read from where the error occurred**
This option causes the copy operation to start again from where the error occurred. By choosing this option, you may hear what sounds like a little scratch on your CD where the error occurred.

Select an option and click on **OK**.

Error Reading Audio Track to Temporary File

An error occurred reading the track from the source Audio CD to a temporary file.

You have four options. You can:

- **Stop and close the disc**

This option stops recording the [Compilation List](#) and closes the disc. You will be able to play your CD until the [track](#) where the error occurred. Once the disc is closed, you will not be able to write any more tracks to this CD.

- **Skip this track and continue**

This option allows you to record all the tracks of your Compilation List, *except* the one where the error occurred.

- **Retry to read the entire track**

This option causes the copy operation to start again at the beginning of the track where the error occurred.

- **Retry to read from where the error occurred**

This option causes the copy operation to start again from where the error occurred. By choosing this option, you may hear what sounds like a little scratch on your CD where the error occurred.

Select an option and click on **OK**.

Recording Information dialog box

The following CD information is provided in this dialog box:

- **Total Disc Space**
The total amount of space available on the CD
- **Space Already Used**
The amount of space already recorded on the CD
- **This Compilation**
The amount of space this [Compilation List](#) requires
- **Free Space Remaining**
The amount of space that will be left on the disc after the [tracks](#) in this Compilation List are recorded

You must choose whether to:

- **Close the disc**
Once a disc is closed, you may not record any more tracks to it. However, until a disc is closed, you cannot listen to it in any other CD player or [CD-ROM](#) drive. You can only listen to it in your CD-Writer drive. Choose this option if you don't plan to add any other tracks besides the tracks in the current Compilation List.
- **Do not close disc, I will finish it later**
This option allows you *not* to close the disc at this time. That way, you can record additional tracks after recording all the tracks in your Compilation List. After you are done, you can close the disc by selecting **CD-Writer, Close Disc**.

After you have selected the option that is right for you, click on **OK**.

