


SonicStage *Ver. 2.0*

for Sony Network Walkman

Operating Instructions

- Copyright laws prohibit reproducing the software or the manual accompanying it in whole or in part, or renting the software without the permission of the copyright holder.
- In no event will SONY be liable for any financial damage, or loss of profits, including claims made by third parties, arising out of the use of the software supplied with this player.
- In the event a problem occurs with this software as a result of defective manufacturing, SONY will replace it. However, SONY bears no other responsibility.
- The software provided with this player cannot be used with equipment other than that which is so designated.
- Please note that, due to continued efforts to improve quality, the software specifications may be changed without notice.
- The ability to display the languages on your SonicStage will depend on the installed OS on your PC. For better results, please ensure that the installed OS is compatible with the desired language you want to display.
 - We do not guarantee all the languages will be able to be displayed properly on your SonicStage.
 - User-created characters and some special characters may not be displayed.

- SonicStage, OpenMG, “Magic Gate”, “MagicGate Memory Stick”, “Memory Stick”, “Memory Stick Duo”, ATRAC, ATRAC3, ATRAC3plus and their logos are trademarks of Sony Corporation.
- “Walkman” is a registered trademark of Sony Corporation to represent Headphone Stereo products.  is a trademark of Sony Corporation.
- Microsoft, Windows, Windows NT and Windows Media are trademarks or registered trademarks of Microsoft Corporation in the United States and /or other countries.
- IBM and PC/AT are registered trademarks of International Business Machines Corporation.
- Macintosh is a trademark of Apple Computer, Inc. in the United States and/or other countries.
- MMX and Pentium are trademarks or registered trademarks of Intel Corporation.
- All other trademarks are trademarks of their respective owners.
- ™ and ® marks are omitted in this manual.
- CD and music-related data from Gracenote, Inc., copyright © 2000-2003 Gracenote. Gracenote CDDB® Client Software, copyright 2000-2003 Gracenote. This product and service may practice one or more of the following U.S. Patents: #5,987,525; #6,061,680; #6,154,773, #6,161,132, #6,230,192, #6,230,207, #6,240,459, #6,330,593 and other patents issued or pending. Gracenote and CDDB are registered trademarks of Gracenote. The Gracenote logo and logotype, the Gracenote CDDB logo, and the “Powered by Gracenote” logo are trademarks of Gracenote.

Program © 2001, 2002, 2003, 2004 Sony Corporation
Documentation © 2004 Sony Corporation

Table of contents

What you can do with SonicStage	4
Basic operational flow using the Network Walkman	5

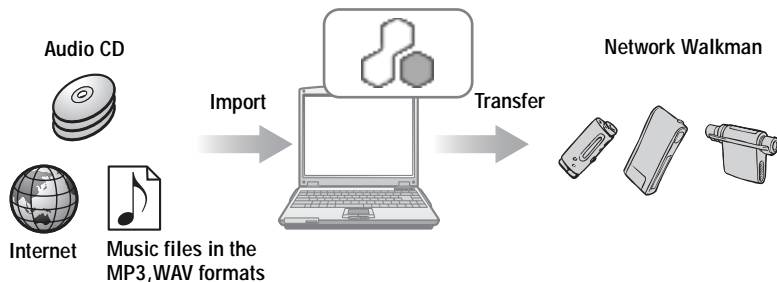
Installing	6
Providing the required system environment	6
System requirements	6
Installing the software onto your computer	7

Using SonicStage	8
Importing audio data	8
Transferring audio data from your computer to the Network Walkman	10
Transferring back audio data from the Network Walkman to your computer	12
Transferring from the Network Walkman back to your computer	12
Importing tracks recorded on the Network Walkman to your computer	13
Using SonicStage Help	15
To display SonicStage Help	15
Understanding SonicStage Help	16
Searching for a word inside an explanation	16
Referring to SonicStage Help	17
Importing audio data to the computer	17
Listening to audio data on the computer	17
Managing and editing imported tracks	17
Backing up audio data	18
Troubleshooting	18
When you want to know	18

Other information	19
Uninstalling SonicStage	19
On copyright protection	20
Troubleshooting	21
The software cannot be installed onto your computer	22
Using the Network Walkman connected to your computer	23

What you can do with SonicStage

SonicStage allows you to import audio data to your computer from music sources such as audio CDs and the Internet, and then transfer the audio data stored in your computer to the Network Walkman.



- This manual describes how to install the SonicStage software and explains its operations for use with the Network Walkman. Before you start, please also review the instruction manual of your Network Walkman.
- The display contents that appear in the illustrations in this manual may differ from the actual contents.
- The explanations in this manual assume that you are familiar with the basic operations of Windows. For details on the use of your computer and operating system, please refer to the respective manuals.

Basic operational flow using the Network Walkman

Providing the required system environment (page 6)



Installing the software onto your computer (page 7)



Importing audio data to your computer (page 8)



Connecting the Network walkman to your computer (refer to the instruction manual of your Network Walkman)



Transferring audio data from your computer (page 10)



Listening to the tracks on the Network Walkman

Providing the required system environment

System requirements

The following system environment is required in order to use the SonicStage Ver. 2.0 for the Network Walkman.

Computer	IBM PC/AT or Compatible
	<ul style="list-style-type: none">• CPU: Pentium II 400 MHz or higher (Pentium III 450 MHz or higher is recommended.)• Hard disk drive space: 200 MB or more (1.5 GB or more is recommended) (The amount space will vary according to Windows version and the number of music files stored on the hard disk.)• RAM: 64 MB or more (128 MB or more is recommended)
	Others <ul style="list-style-type: none">• CD drive (capable of digital playback by WDM)• Sound Board• USB port (supports USB (previously USB 1.1))
Operating System	Factory installed: Windows XP Media Center Edition 2004/Windows XP Media Center Edition/Windows XP Professional/Windows XP Home Edition/ Windows 2000 Professional/Windows Millennium Edition/Windows 98 Second Edition
Display	High Color (16bit) or higher, 800 × 600 dots or better (1024× 768 dots or better is recommended)
Others	<ul style="list-style-type: none">• Internet access: for Web registration, EMD services and CDDB• Windows Media Player (version 7.0 or higher) installed for playing WMA files

This software is not supported by the following environments:

- OSs other than the indicated above
- Personally constructed PCs or operating systems
- An environment that is an upgrade of the original manufacturer-installed operating system
- Multi-boot environment
- Multi-monitor environment
- Macintosh

Notes

- We do not ensure trouble-free operation on all computers that satisfy the system requirements.
- The NTFS format of Windows XP/Windows 2000 Professional can be used only with the standard (factory) settings.
- We do not ensure trouble-free operation of the system suspend, sleep, or hibernation function on all computers.
- For Windows 2000 Professional users, install Service Pack 3 or later version before using the software.

Installing the software onto your computer

Before installing the software

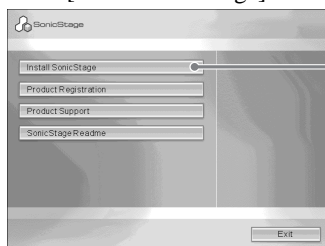
- Make sure to close any virus-check software, as such software usually demands a large amount of system resources.
- When you use the Network Walkman, make sure to install the software with the supplied CD-ROM.
 - If OpenMG Jukebox or SonicStage is installed already, the previous software will be overwritten by the new version. The new version retains the functions of the older version, but with new functions added.
 - If SonicStage Premium, SonicStage Simple Burner or Net MD Simple Burner is installed already, the previous software will co-exist with the new version.
 - You will still be able to use music data registered by an older software version even after SonicStage Ver. 2.0 has been installed. As a precaution, we recommend that you back up your music data. To back up the data, refer to [Backing Up My Library] – [Backing Up Data to a Disk] on SonicStage Help.

1 Turn on your computer and start up Windows.

2 Insert the supplied CD-ROM into the CD drive of your computer.

The setup program starts up automatically and the installation window appears. Depending on the region, a window may appear asking you to select your country. In this case, follow the displayed instructions.

3 Click [Install SonicStage] and then follow the displayed instructions.



Click [Install SonicStage]

Read the instructions carefully.

Depending on your region, the buttons other than [Install SonicStage] may differ from those in the illustration above.

The installation may take 20 to 30 minutes, depending on your system environment. Make sure to restart your computer only after the installation is completed.

Was the installation successful?


If any trouble occurs during the installation, see “Troubleshooting” (page 21).

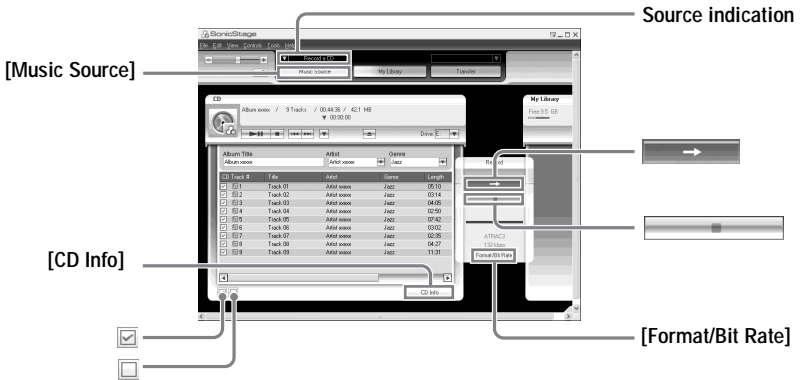
Importing audio data

This section explains how to record and store audio data from an audio CD to My Library of SonicStage on the hard disk drive of your computer.

You can record or import music from other sources such as the Internet and your computer's hard disk. Refer to SonicStage Help for details.

Notes

- Only audio CDs with a  mark can be used with SonicStage.
- We do not guarantee normal operation in the case of the copy-controlled CDs.




1 Start up SonicStage.

Select [Start] – [All Programs]* – [SonicStage] – [SonicStage].

*[Programs] in the case of Windows 2000 Professional/Windows Millennium Edition/Windows 98 Second Edition

SonicStage starts up and the main window appears.



You can also start SonicStage with double click  ([SonicStage] icon) on the desktop.

2 Insert the audio CD that you want to record into the CD drive of your computer.

The source indication in the top-left of the display changes to [Record a CD].

3 Click [Music Source].

The contents of the audio CD appear in the music source list (on the left side of the screen).

4 If necessary, click to uncheck tracks you do not want to record.

If you unchecked a box by mistake, click it again to restore the check.

To check all boxes, click .

To uncheck all boxes, click .

5 If necessary, change the format and bit rate for audio CD recording.

When you click [Format/Bit Rate] on the right side of the screen, “CD Recording Format [My library]” dialog box will appear. The dialog box will ask you to select the format and bit rate for recording the audio CD.

6 Click .

The recording of the tracks selected in step 4 starts.

To stop recording

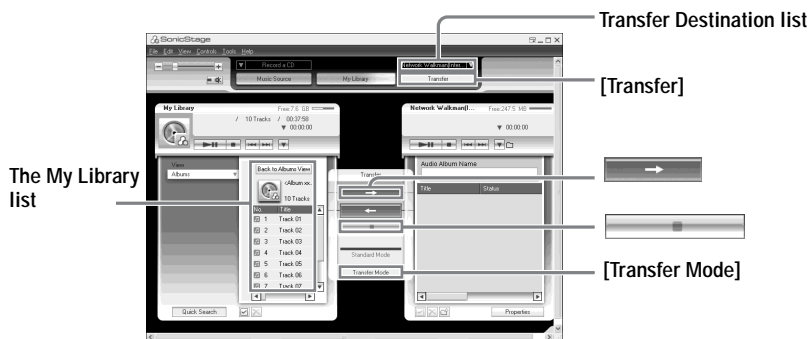
Click .



If CD information such as album title, artist name, and track names could not be obtained automatically, click [CD Info] on the right side of the screen. When you do this, your computer must be connected to the Internet.

Transferring audio data from your computer to the Network Walkman

Audio data stored in My Library of SonicStage can be transferred to your Network Walkman an infinite number of times.



1 Connect your Network Walkman to the computer.

After making the connections, “Network Walkman” is displayed in the Transfer Destination list on the upper right of the screen.

For details about connections, refer to the instruction manual of your Network Walkman.

When using a device supporting “MG Memory Stick”, insert the MagicGate-compatible “Memory Stick” media into the device before connecting to the computer. Do not remove the USB cable, battery, or “Memory Stick” before the transfer has completed.

2 Select the device/media for transfers (“Network Walkman (Internal)*” or “Network Walkman (Memory Stick)*”) from the Transfer Destination list on the right side of the screen and click [Transfer].

* Select “Network Walkman (Internal)” to transfer to the built-in flash memory or select “Network Walkman (Memory Stick)” to transfer to a “Memory Stick”.

The screen is switched to the Transfer (Network Walkman) screen.

3 Click the tracks you want to transfer in the My Library list on the left side of the screen.

To transfer more than one track, hold down the [Ctrl] key while selecting the tracks. To transfer all tracks of the album, click the album.

4 If necessary, change the transfer mode.

Click [Transfer Mode] in the middle of the screen to display “Transfer Mode Settings” dialog box (for Network Walkman) and select the transfer mode.

5 Click .

Transfer of the tracks selected in step 3 begins.

To stop transferring

Click .

Notes

- A transfer will fail and an error message will appear in the following cases:
 - When there is no enough free space on the device/media for the transfers.
 - When the track is subject to playback restrictions.
- During the transfer, the system suspend, sleep, or hibernation function will not operate.
- Depending on the type of the text and number of characters, the text entered by SonicStage may not be displayed on the connected Network Walkman. This is due to the limitations of the connected Network Walkman.

Transferring back audio data from the Network Walkman to your computer



Transferring from the Network Walkman back to your computer

Audio data that has been transferred from your computer to the Network Walkman can be transferred back to My Library of SonicStage on your computer.

1 Connect your Network Walkman to the computer.

After making the connections, “Network Walkman” is displayed in the Transfer Destination list in the upper right of the screen.

For details about connections, refer to the instruction manual of your Network Walkman.


When using a device supporting “MG Memory Stick”, insert the MagicGate-compatible “Memory Stick” media into the device before connecting to the computer. Do not remove the USB cable, battery, or “Memory Stick” before the transfer has completed.

2 Select the device/media for transfers (“Network Walkman (Internal)*” or “Network Walkman (Memory Stick)*”) from the Transfer Destination list on the right side of the screen and click [Transfer].

* Select “Network Walkman (Internal)” to transfer from the built-in flash memory or select “Network Walkman (Memory Stick)” to transfer from a “Memory Stick”.

The screen is switched to the Transfer (Network Walkman) screen.

3 In the Network Walkman list on the right side of the screen, click to select the tracks you want to transfer to your computer.

4 Click  in the middle of the screen.

The transferring of the tracks selected in step 3 starts.

To stop transferring

Click .

Note

Tracks transferred to the Network Walkman from another computer cannot be transferred back to My Library on your computer.

Importing tracks recorded on the Network Walkman to your computer

Tracks that have been recorded on the Network Walkman* can be imported to My Library of SonicStage on your computer only once.

* Only the recordable Network Walkman

1 Insert “Memory Stick” into the Network Walkman, and connect the Network Walkman to your computer.

2 Select the device/media for transfers (“Network Walkman (Internal)*” or “Network Walkman (Memory Stick)*”) from the Transfer Destination list on the right side of the screen and click [Transfer].

* Select “Network Walkman (Internal)” to transfer from the built-in flash memory or select “Network Walkman (Memory Stick)” to transfer from a “Memory Stick”.


The screen is switched to the Transfer (Network Walkman) screen.

3 Click the tracks you want to transfer in the Network Walkman list on the right side of the screen.

To transfer more than one track, hold down the [Ctrl] key while selecting the tracks.

To transfer all tracks of the group, click the group.

continued

4 Click  in the middle of the screen.

The “Import” dialog box appears.

5 Specify the transfer destination in the dialog box.

To import tracks to a new album, select “Import to a new album” and enter the desired album name in the text box.

To add the tracks to an existing album in My Library, select “Import to an existing album” and click “Browse” to select the album.

6 Click “OK”.

The importing of the tracks selected in step 3 starts.

To stop importing

Click .

Using SonicStage Help

SonicStage Help provides further details on how to use SonicStage. SonicStage Help allows you to search easily for information from a list of operations, such as “Importing Tracks” or “Transferring Tracks”, or from large list of keywords, or by typing in words that might lead you to the appropriate explanations.

To display SonicStage Help

Click [Help] – [SonicStage Help] while SonicStage is running.



You can display SonicStage Help by selecting the following:
[Start] – [All Programs]* – [SonicStage] – [SonicStage Help].

* [Programs] in the case of Windows 2000 Professional/Windows Millennium Edition/Windows 98 Second Edition

Notes

- In SonicStage Help, “Device/Media” is the general term for the external device such as the MD Walkman, the Network Walkman, and the CD Walkman.
- Follow the instructions of your internet provider regarding such things as recommended system environment when using EMD services.

Referring to SonicStage Help

Click [Contents] on the left side of the Help window to view a list of items for each operation. Click on any items for details.

Importing audio data to the computer

To	SonicStage Help
Import audio data from the Internet	[Importing Tracks] – [Purchasing Tracks from a Music Service Site]
Import audio files on the computer in SonicStage	[Importing Tracks] – [Importing Music Files]
Transfer from “Memory Stick” to your computer	[Transferring Tracks] – [Transferring Tracks to a Device/Media] – [Using an MG Memory Stick] – [Transferring from an MG Memory Stick Back to My Library]

Listening to audio data on the computer

To	SonicStage Help
Listen to audio data from the CD drive or My Library	[Music Playback] – [Playing Back an Audio CD] or [Playing Back a Track in My Library]
Listen to audio data on the Network Walkman connected to the computer	[Music Playback] – [Playing Back a Track on a Device/Media]

Managing and editing imported tracks

To	SonicStage Help
Change information related to CD information downloading	[Changing SonicStage Settings] – [Changing Settings for Getting CD information]
Edit an album Delete the tracks	[Managing Tracks and Albums] – [Creating/Editing Albums]
Change the destination directly for track storage	[Changing SonicStage Settings] – [Changing the Location for Saving Recorded Files]

Backing up audio data

We recommend that you back up your music data as a precaution against hard disk crashes or computer replacement.

To	SonicStage Help
Back up audio data in My Library	[Backing Up My Library] – [Backing Up Data to a Disk]
Look up about SonicStage backup	[Backing Up My Library] – [FAQ-About SonicStage Backup Tool]

Troubleshooting

To	SonicStage Help
Look up troubleshooting procedure	[Additional Information] – [Troubleshooting]

When you want to know

To	SonicStage Help
Look up unknown words	[Additional Information] – [Glossary]
Look up the kinds of audio data that can be managed by SonicStage	[Overview] – [Content Handled Within SonicStage]
Look up the kinds of functions that can be used with SonicStage	[Overview] – [Features]

Uninstalling SonicStage

To uninstall SonicStage, follow the procedures below.

1 Click [Start]–[Control Panel]*.

* [Settings]–[Control Panel] in the case of Windows 2000 Professional/Windows Millennium Edition/Windows 98 Second Edition

2 Double-click [Add/Remove Programs].

3 Click [SonicStage 2.0.xx] in the “Currently Installed Programs” list, and then click [Change and Remove]*.

Follow the displayed instruction and restart your computer. The uninstallation is completed when the computer has restarted.

* [Change/Remove] in the case of Windows 2000 Professional, [Add/Remove] in the case of Windows Millennium Edition/Windows 98 Second Edition

Note

When you install SonicStage Ver. 2.0, OpenMG Secure Module 3.4 is installed at the same time. Do not delete OpenMG Secure Module 3.4 since it may be used by other software.

On copyright protection

The OpenMG technology allows you to enjoy digital music, while maintaining the copyrights of its holders. SonicStage encrypts audio files in OpenMG format and stores them on the hard disk of your computer to prevent unauthorized distribution.

Restrictions on audio content

High-quality digital audio content is widely available through music distribution services on the Internet. To protect the copyrights of its holders from unauthorized distribution, some audio content is distributed with certain restrictions on recording and playback. For example, the playback period or playback count for the data may be limited.

Troubleshooting

Please refer to the following steps if you encounter a problem while using SonicStage.

- 1 Check the symptoms in this “Troubleshooting” section.
- 2 Check the symptoms in SonicStage Help when you use SonicStage.
- 3 If the problem cannot be solved after checking the above references, check the following table and then consult your nearest Sony dealer.

Computer <ul style="list-style-type: none">• Manufacturer:• Model:• Type: Desktop type / Laptop type
Name of operating system:
RAM capacity:
Hard disk drive (containing SonicStage and audio data) <ul style="list-style-type: none">• Capacity of the drive:• Free space:
Version of the software <ul style="list-style-type: none">• SonicStage Ver. 2.0¹⁾
Error Message (if one appear):
If an externally connected CD drive is used <ul style="list-style-type: none">• Manufacturer:• Model:• Type: CD-ROM / CD-R/RW / DVD-ROM / Other ()• Type of connection to the computer: PC card / USB / IEEE1394 / Other ()
If another device with USB connection is used <ul style="list-style-type: none">• Name of the device (or devices):

¹⁾ To check the SonicStage software version, go to [Help] – [About SonicStage] in the SonicStage window.

The software cannot be installed onto your computer

Problem	Cause/Remedy
The installation was not successful.	You are using an OS that does not support this software. → See page 6 for more details. All windows applications are not closed. → If you start the installation while other programs are running, a malfunction may occur. This is especially true for programs that require large amounts of system resources, such as virus-check software. There is not enough hard disk space on your hard disk. → You need 200MB or more free space on your hard disk.
The installation appears to have stopped before it has completed.	Check for the appearance of an error message beneath the installation window. → Press the [Tab] key while holding down the [Alt] key. If an error message has appeared, press the [Enter] key. The installation will resume. If there is no message, the installation is still in progress. Wait a little while longer.
The progress bar on the display is not moving. The access lamp has not lit for a few minutes.	The installation is progressing normally. Please wait. The installation may take 30 minutes or more, depending on your CD drive or system environment.

Using the Network Walkman connected to your computer

Problem	Cause/Remedy
<p>The computer does not recognize your Network Walkman.</p>	<p>The dedicated USB cable is disconnected. →Connect the dedicated USB cable.</p> <p>The driver file for the Network Walkman has not been installed. →Install the SonicStage software for your Network Walkman using the supplied CD-ROM.</p> <p>Please wait for the authentication of the SonicStage software.</p> <p>Another application is running on the computer. →Wait for a while and reconnect the dedicated USB cable. If the problem cannot be solved, disconnect the dedicated USB cable, restart the computer, and then reconnect the dedicated USB cable.</p> <p>A USB hub is used. →Connecting via a USB hub is not guaranteed. Connect the dedicated USB cable directly to the computer.</p>

