

SonicStage ***Ver. 3.0***

for Sony Network Walkman

Operating Instructions

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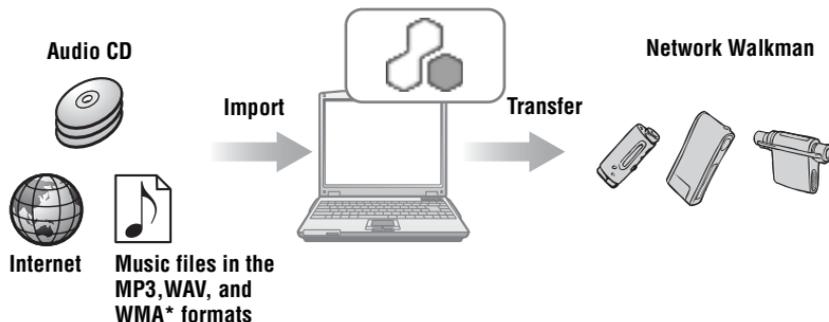
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What you can do with SonicStage

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.



* Copyright-protected WMA files cannot be transferred.

- 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 9)



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



Transferring audio data from your computer (page 11)



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. 3.0 for the Network Walkman.

Computer	IBM PC/AT or Compatible
	<ul style="list-style-type: none">• CPU: Pentium III 450 MHz or higher• 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: 128 MB or more
	Others <ul style="list-style-type: none">• CD drive (capable of digital playback by WDM)• Sound Board• USB port
Operating System	Factory installed: Windows XP Media Center Edition 2005/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.
- For Windows 2000 Professional users, install Service Pack 3 or later version before using the software.
- We do not ensure trouble-free operation of the system suspend, sleep, or hibernation function on all computers.

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, Net MD Simple Burner, or 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 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] on SonicStage Help.

The method for managing music data differs in part from conventional methods. For details, refer to [For Users of Earlier Versions of SonicStage] in SonicStage Help.
- If the Network Walkman is connected to the computer with the USB cable, make sure to disconnect the USB cable first before installing the software.

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.

3 When the [Region Selection] screen appears, select the region where the SonicStage software will be used, and then click [Next].

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



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 22).

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 also assign cover art for imported albums.

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.

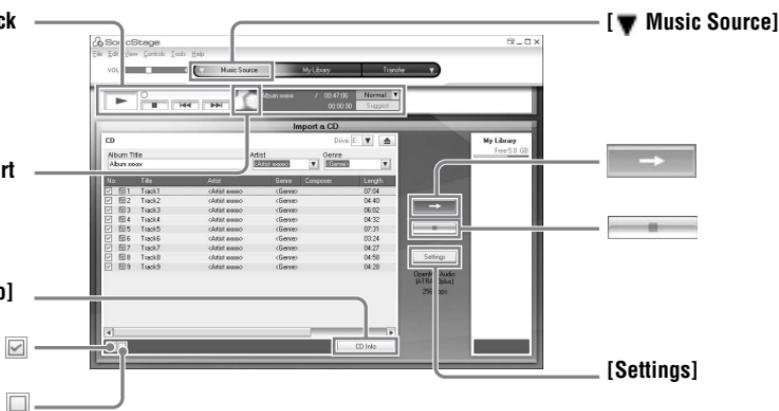
Notes

- 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.

Playback control section

Cover art display

[CD Info]



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.

3 Point to [ Music Source] on the upper-left side of the screen and click [Import a CD].

The screen switches to the “Music Source” (Importing CD) screen and all the tracks on the audio CD are listed.

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 [Settings] on the right side of the screen, “CD Importing Format” dialog box will appear. The dialog box will ask you to select the format and bit rate for recording an audio CD.

6 Click .

The recording of the tracks selected in step 4 starts.

To stop recording

Click .

To assign cover art for imported albums

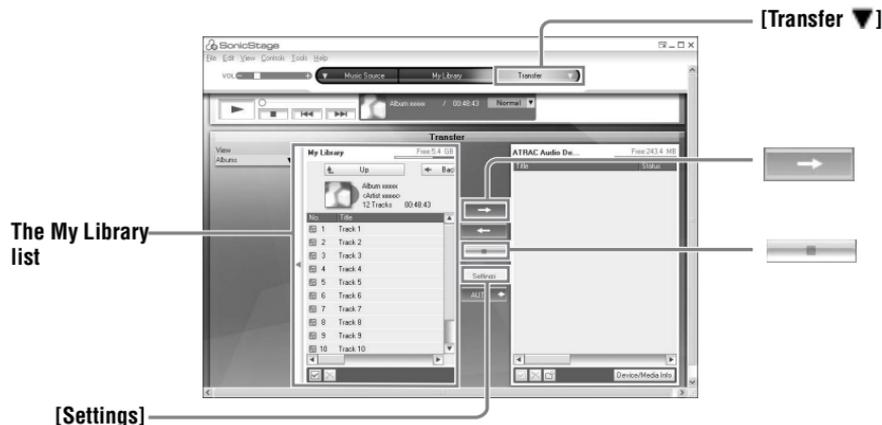
Find the desired image file (jpg, gif, bmp file) using Windows Explorer and drag it to the cover art display in the playback control section.



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.

Use the supplied Network Walkman-dedicated USB cable to connect the Network Walkman to your computer.

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 Point to [Transfer ▼] on the upper-right side of the screen and click the transfer destination (e.g. [ATRAC Audio Device]).

The screen is switched to the transfer (e.g. [ATRAC Audio Device]) 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.

As the default setting, tracks in the OpenMG (ATRAC3/ATRAC3plus) format and MP3 format will be transferred in the same format and bit rate (normal transfer).

If the device connected to the computer does not support the above format, the format and bit rate will be converted to those of the device.* In some case, this process may take time.

If you want to change the format and bit rate, click [Settings] in the center of the screen to display “Transfer Mode Settings” dialog box.

* If [ATRAC Audio Device] is not indicated as the transfer destination, then tracks in MP3 format will be transferred after being converted to the ATRAC3plus format.

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.

Use the supplied Network Walkman-dedicated USB cable to connect the Network Walkman to your computer.

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 Point to [Transfer ▼] on the upper-right side of the screen and click the transfer source (e.g. [ATRAC Audio Device]).

The screen is switched to the transfer (e.g. [ATRAC Audio Device]) screen.

3 In the list on the right side of the screen (e.g. [ATRAC Audio Device]), click to select the tracks you want to transfer to your computer.

continued

-
- 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** Connect the Network Walkman to your computer.
When using a device supporting “MG Memory Stick”, insert the MagicGate-compatible “Memory Stick” media into the device before connecting to the computer.
-
- 2** Point to [Transfer ▼] on the upper-right side of the screen and click the transfer source (e.g. [Network Walkman(Internal)]).
The screen is switched to the transfer (e.g. [Network Walkman(Internal)]) 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.

-
- 4** Click  in the middle of the screen.
The “Import” dialog box appears.

-
- 5** Click [Yes].
The importing of the tracks selected in step 3 starts.
-

To stop importing

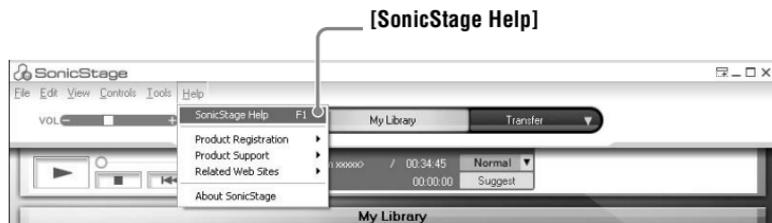
Click  .

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 Network Walkman, the MD 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] – [Transferring a Track to 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 the CD Drive]
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 Imported 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]
Look up changes since an earlier version	[For Users of Earlier Versions of SonicStage] – [Differences from Earlier Versions]

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 3.0] 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. 3.0, OpenMG Secure Module 4.1 is installed at the same time. Do not delete OpenMG Secure Module 4.1 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.

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. 3.0¹⁾
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>Your computer does not recognize the Network Walkman.</p>	<p>The Network Walkman is not firmly connected with the supplied dedicated USB cable to the computer. →Reconnect the Network Walkman to the computer firmly. →Remove and reconnect the Network Walkman. If the computer still does not recognize the Network Walkman, disconnect the cable, restart the computer, and then make the connection again.</p> <p>A Memory Stick is not inserted in the Network Walkman. →Check if a Memory Stick is inserted in the Network Walkman.</p> <p>The driver is not be installed. →Install the SonicStage software using the supplied CD-ROM.</p> <p>The software installation failed. →Disconnect the connected device and install the software again using the supplied CD-ROM.</p> <p>The supplied dedicated USB cable is disconnected. →Connect the supplied dedicated USB cable firmly.</p> <p>The connections are made through a USB hub. →Operations are not guaranteed for USB-hub connections. Connect the Network Walkman directly to the USB connector on the computer.</p>
<p>Even though the dedicated USB cable is used to connect the Network Walkman to the computer, the display on the Network Walkman does not indicate it is connected.</p>	<p>It takes time to recognize SonicStage. →Please wait.</p> <p>The other application software is running. →Reconnect the supplied dedicated USB cable after a while. If the computer still does not recognize the Network Walkman, disconnect the Network Walkman, restart the computer, and connect the dedicated USB cable again.</p>
<p>Even though your computer recognize the Network Walkman, it does not operate normally.</p>	<p>The supplied dedicated USB cable is disconnected. →Connect the supplied dedicated USB cable firmly.</p> <p>The connections are made through a USB hub. →Operations are not guaranteed for USB-hub connections. Connect the Network Walkman directly to the USB connector on the computer.</p>

